

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
 Data File : VX012691.D
 Acq On : 27 Sep 2019 12:05
 Operator : JC/SP
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Quant Time: Sep 28 03:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140187	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	5.48	113	106019	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
50) Toluene-d8	8.71	98	395068	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	152539	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	41530	20.026	ug/l	99
3) Chloromethane	1.32	50	47248	19.841	ug/l	99
4) Vinyl Chloride	1.40	62	48659	20.558	ug/l	98
5) Bromomethane	1.63	94	23678	25.443	ug/l	95
6) Chloroethane	1.72	64	31366	19.657	ug/l	96
7) Trichlorofluoromethane	1.92	101	65644	19.753	ug/l	100
8) Diethyl Ether	2.18	74	27720	20.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42020	20.760	ug/l	96
10) Methyl Iodide	2.50	142	34395	19.485	ug/l	94
11) Tert butyl alcohol	3.03	59	65415	97.551	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40808	20.589	ug/l	97
13) Acrolein	2.28	56	12260	41.710	ug/l	93
14) Allyl chloride	2.72	41	79967	20.336	ug/l	98
15) Acrylonitrile	3.13	53	139970	102.885	ug/l	99
16) Acetone	2.43	43	136115	95.731	ug/l	99
17) Carbon Disulfide	2.56	76	101608	18.287	ug/l	99
18) Methyl Acetate	2.76	43	67756	20.238	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	157073	20.937	ug/l	99
20) Methylene Chloride	2.84	84	49022	20.384	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	45181	20.576	ug/l	98
22) Diisopropyl ether	3.84	45	159099	20.939	ug/l	99
23) Vinyl Acetate	3.80	43	687398	103.162	ug/l	99
24) 1,1-Dichloroethane	3.69	63	85132	20.612	ug/l	97
25) 2-Butanone	4.66	43	201616	98.893	ug/l	98
26) 2,2-Dichloropropane	4.58	77	72414	19.713	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	52749	20.704	ug/l	96
28) Bromochloromethane	5.01	49	36406	24.276	ug/l	98
29) Tetrahydrofuran	5.12	42	128228	103.192	ug/l	98
30) Chloroform	5.20	83	87394	20.682	ug/l	99
31) Cyclohexane	5.57	56	76482	20.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	75742	20.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62930	20.170	ug/l	98
37) Ethyl Acetate	4.82	43	73993	20.286	ug/l	97
38) Carbon Tetrachloride	5.78	117	63344	19.987	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Quant Time: Sep 28 03:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75336	20.058	ug/l	100
40) Benzene	6.14	78	189663	20.661	ug/l	98
41) Methacrylonitrile	5.03	41	42347	20.692	ug/l	95
42) 1,2-Dichloroethane	6.18	62	72995	20.940	ug/l	99
43) Isopropyl Acetate	6.43	43	123841	20.303	ug/l	99
44) Trichloroethene	7.21	130	47162	20.097	ug/l	93
45) 1,2-Dichloropropane	7.51	63	49614	21.110	ug/l	97
46) Dibromomethane	7.65	93	32324	20.201	ug/l	96
47) Bromodichloromethane	7.89	83	65244	20.401	ug/l	99
48) Methyl methacrylate	7.76	41	60222	20.590	ug/l	94
49) 1,4-Dioxane	7.73	88	25564	385.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	384164	102.028	ug/l	97
52) Toluene	8.78	92	118652	20.565	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69288	19.582	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	78617	20.349	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	47507	20.711	ug/l	97
56) Ethyl methacrylate	9.17	69	77915	20.219	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84161	20.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	188337	108.880	ug/l	98
59) 2-Hexanone	9.49	43	293472	101.826	ug/l	97
60) Dibromochloromethane	9.57	129	47139	20.301	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50611	21.201	ug/l	98
64) Tetrachloroethene	9.33	164	42740	21.144	ug/l	94
65) Chlorobenzene	10.14	112	121983	19.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	45078	20.379	ug/l	98
67) Ethyl Benzene	10.25	91	228840	20.667	ug/l	99
68) m/p-Xylenes	10.35	106	170777	41.171	ug/l	100
69) o-Xylene	10.70	106	82581	20.575	ug/l	98
70) Styrene	10.71	104	139257	20.696	ug/l	99
71) Bromoform	10.85	173	30582	19.855	ug/l #	97
73) Isopropylbenzene	11.01	105	223979	21.013	ug/l	99
74) N-amyl acetate	10.89	43	100538	19.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	73791	20.903	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85774	24.777	ug/l	87
77) Bromobenzene	11.25	156	49707	20.604	ug/l	96
78) n-propylbenzene	11.35	91	247018	20.584	ug/l	100
79) 2-Chlorotoluene	11.42	91	153909	20.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	186615	20.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22023	18.231	ug/l	96
82) 4-Chlorotoluene	11.51	91	176371	20.668	ug/l	98
83) tert-Butylbenzene	11.77	119	180550	20.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	189425	21.008	ug/l	98
85) sec-Butylbenzene	11.94	105	211518	21.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	190091	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88476	20.379	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89799	20.469	ug/l	98
89) n-Butylbenzene	12.39	91	158496	19.876	ug/l	100
90) Hexachloroethane	12.59	117	31723	19.663	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89409	20.571	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16906	19.145	ug/l	96

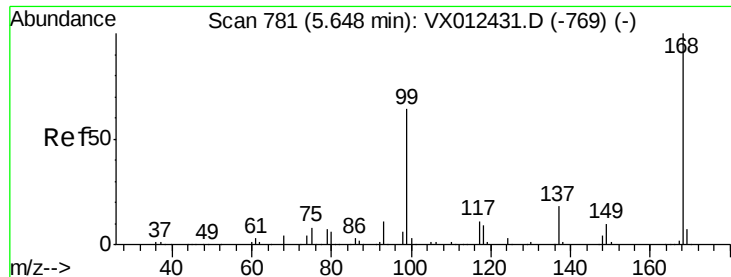
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
Data File : VX012691.D
Acq On : 27 Sep 2019 12:05
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Quant Time: Sep 28 03:58:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52862	19.943	ug/l	99
94) Hexachlorobutadiene	13.78	225	23962	21.013	ug/l	99
95) Naphthalene	13.83	128	195673	20.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	55567	20.927	ug/l	99

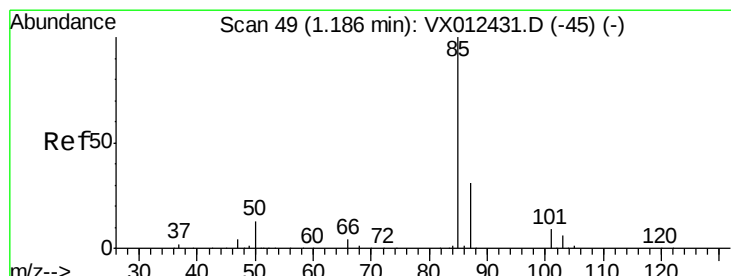
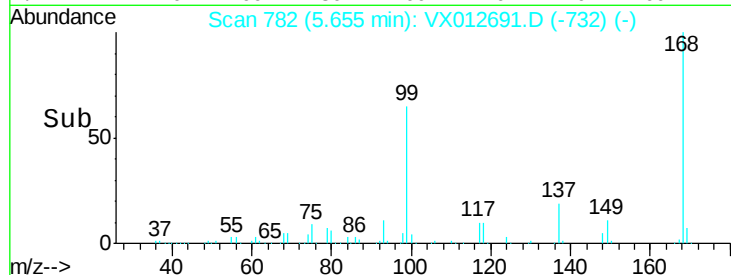
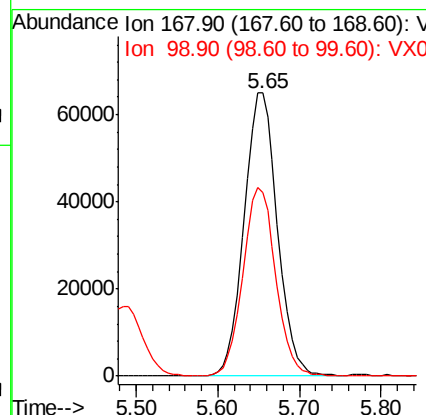
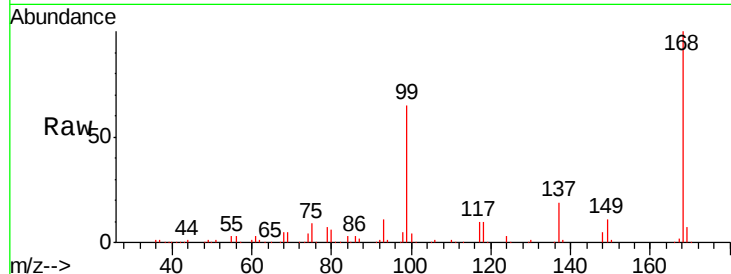
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

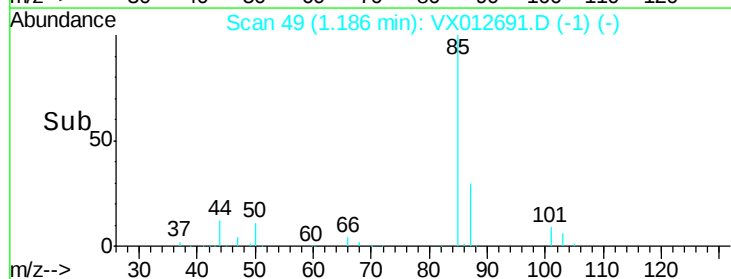
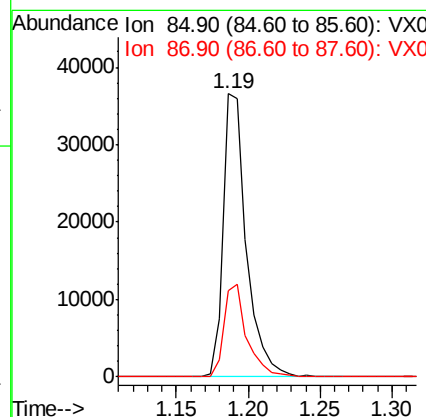
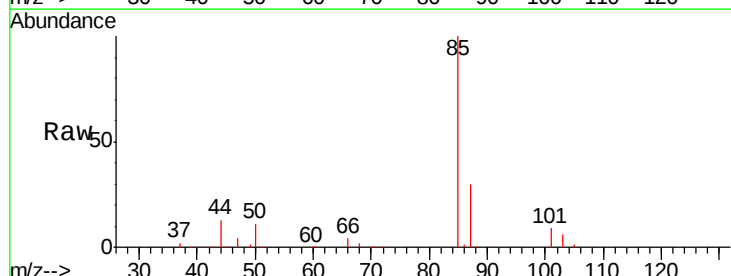
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

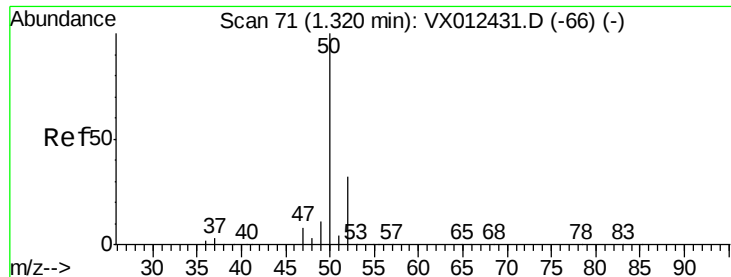
Tgt Ion:168 Resp: 184341
Ion Ratio Lower Upper
168 100
99 64.8 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 20.026 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 85 Resp: 41530
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3

Chloromethane

Concen: 19.841 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

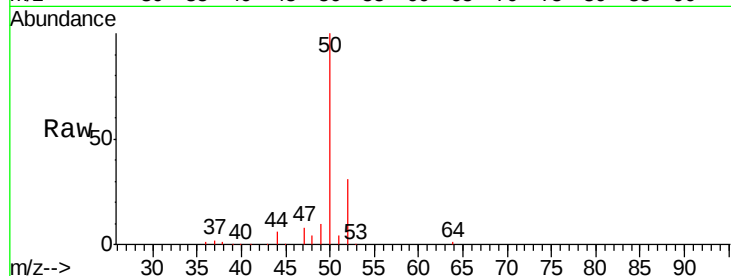
VX0927WBS01

Tgt Ion: 50 Resp: 47248

Ion Ratio Lower Upper

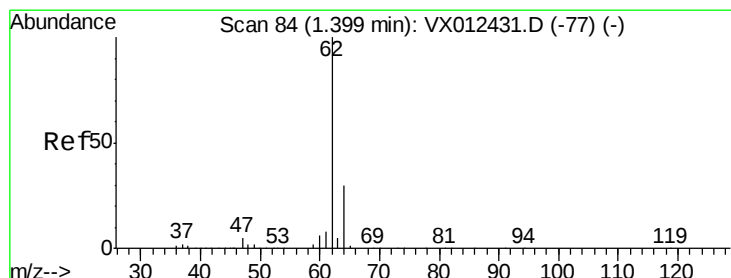
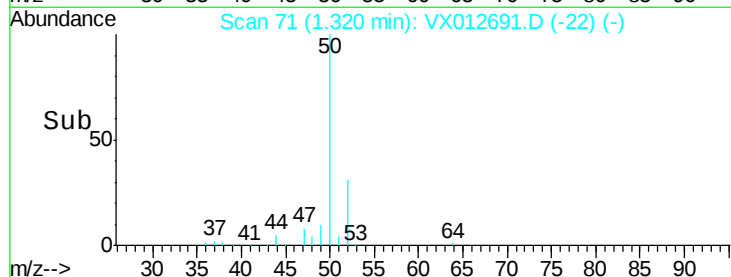
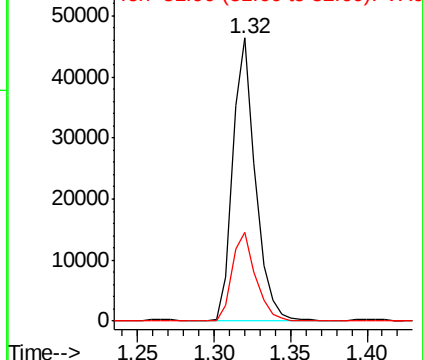
50 100

52 31.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.558 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012691.D

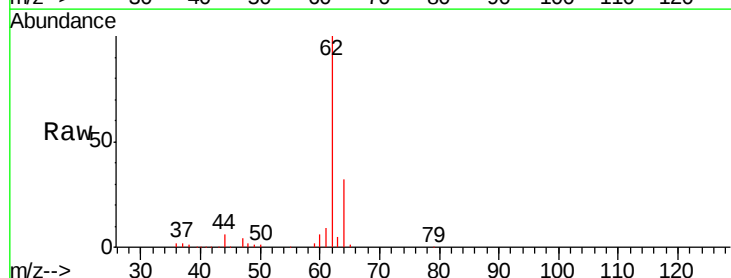
Acq: 27 Sep 2019 12:05

Tgt Ion: 62 Resp: 48659

Ion Ratio Lower Upper

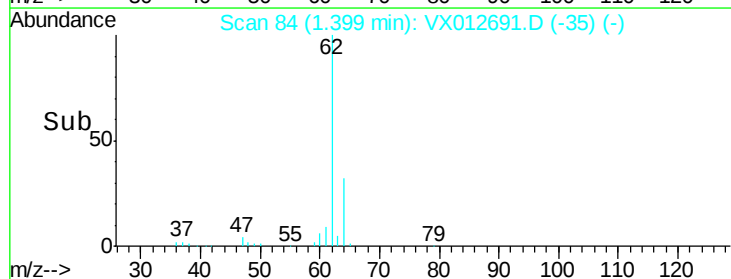
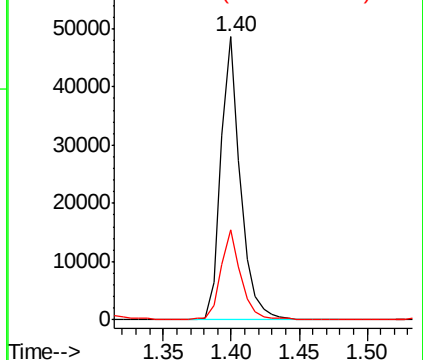
62 100

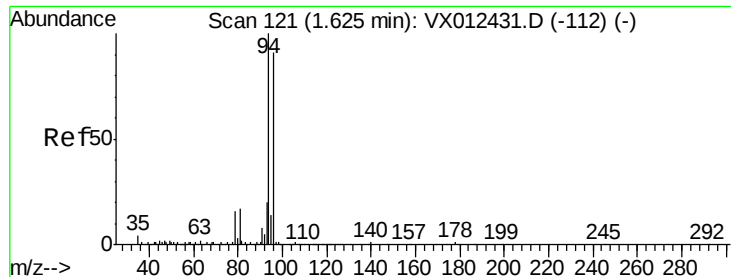
64 31.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.443 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

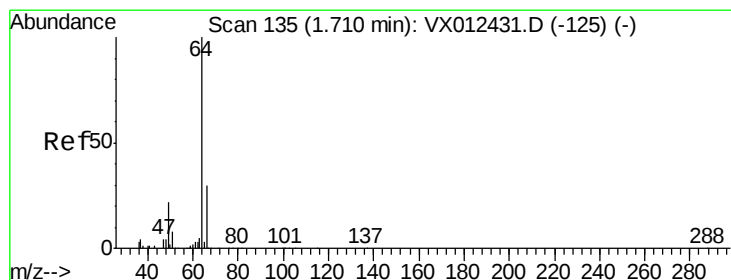
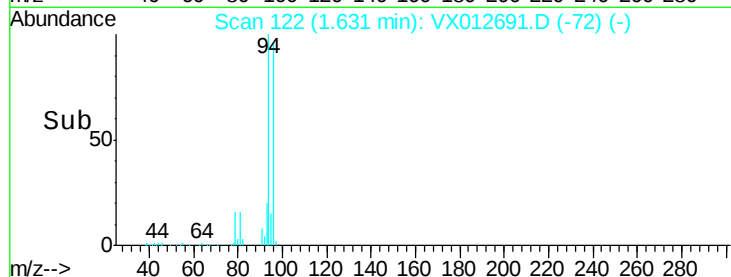
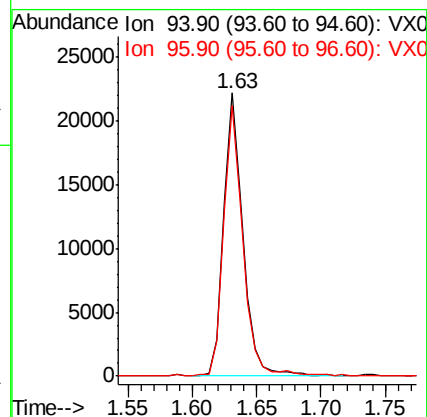
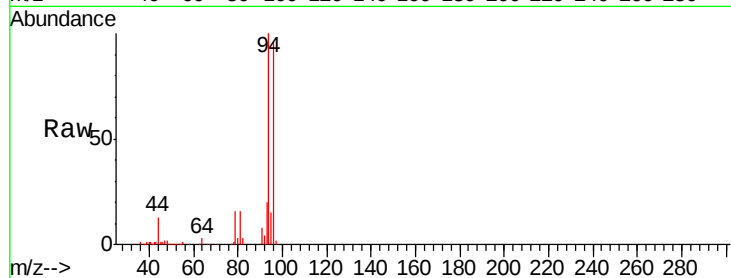
VX0927WBS01

Tgt Ion: 94 Resp: 23678

Ion Ratio Lower Upper

94 100

96 95.6 72.8 109.2



#6

Chloroethane

Concen: 19.657 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012691.D

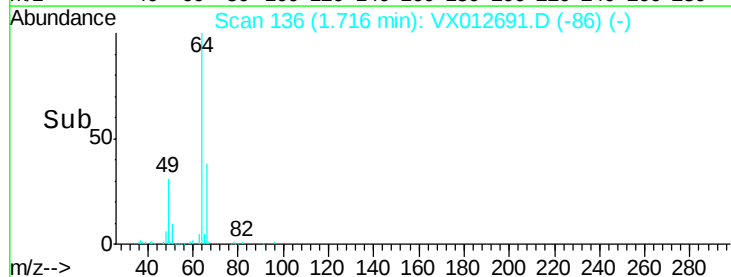
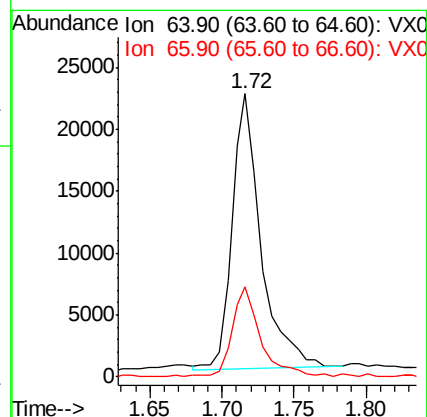
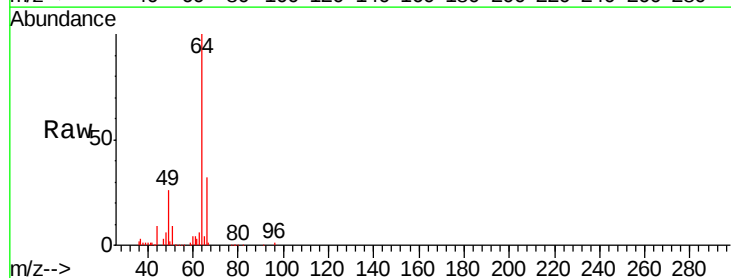
Acq: 27 Sep 2019 12:05

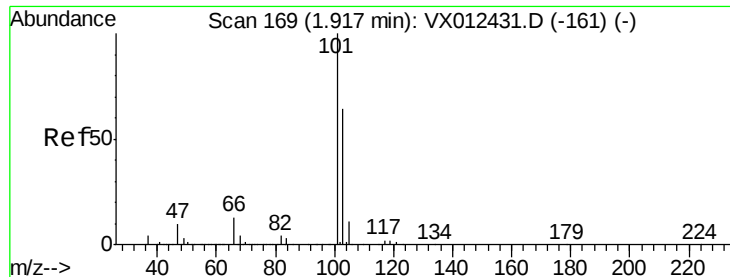
Tgt Ion: 64 Resp: 31366

Ion Ratio Lower Upper

64 100

66 32.4 24.0 36.0



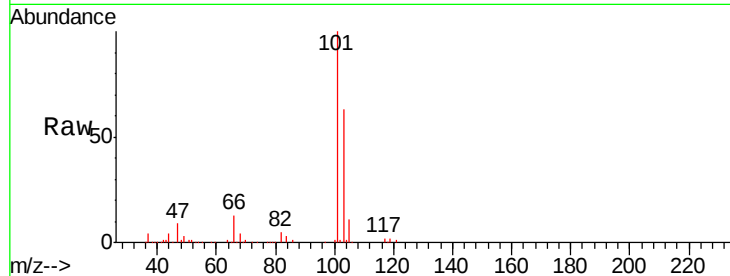


#7

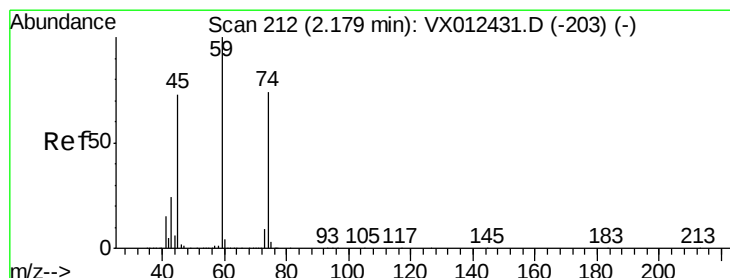
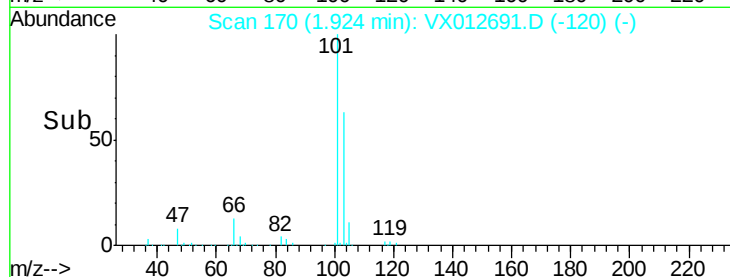
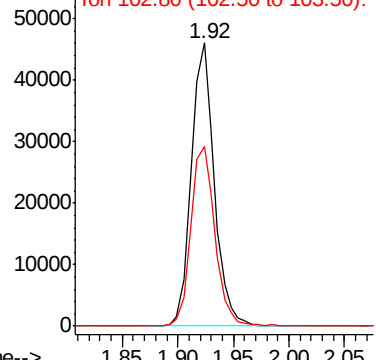
Trichlorofluoromethane
 Concen: 19.753 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tgt Ion: 101 Resp: 65644
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.4



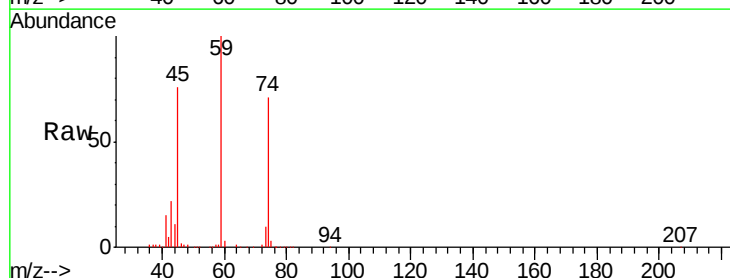
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



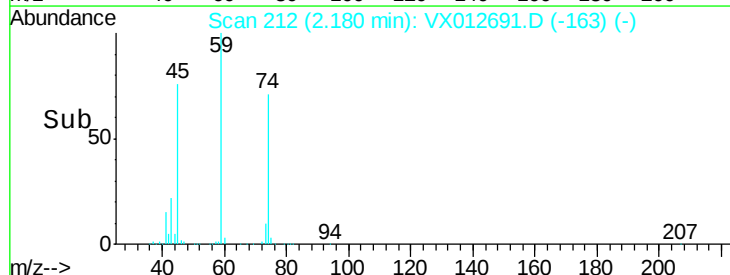
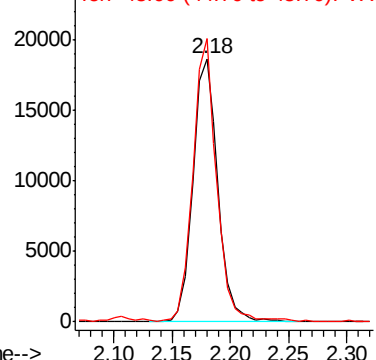
#8

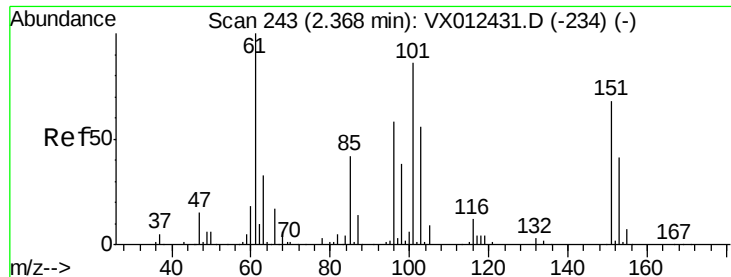
Diethyl Ether
 Concen: 20.354 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 74 Resp: 27720
 Ion Ratio Lower Upper
 74 100
 45 100.5 49.9 149.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.760 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

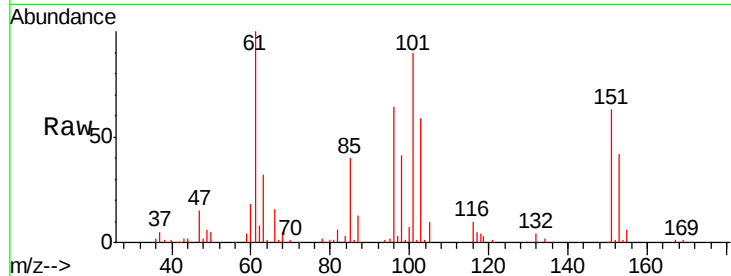
Tgt Ion:101 Resp: 42020

Ion Ratio Lower Upper

101 100

85 44.1 37.3 55.9

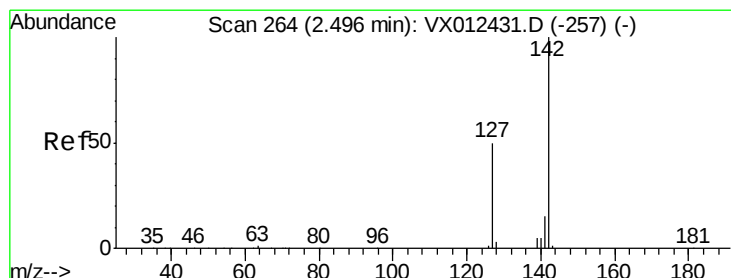
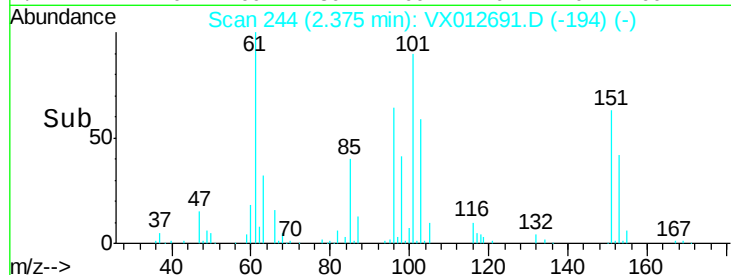
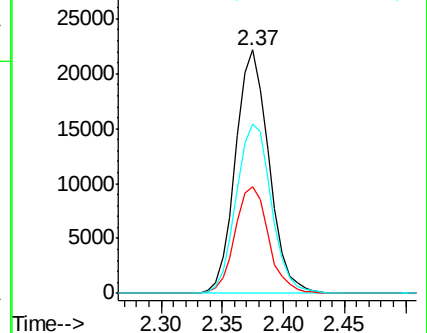
151 72.8 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.485 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

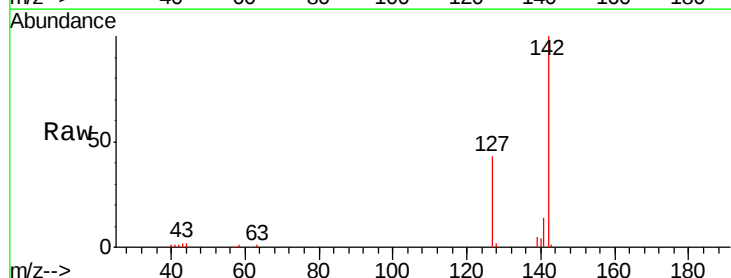
Tgt Ion:142 Resp: 34395

Ion Ratio Lower Upper

142 100

127 46.0 40.8 61.2

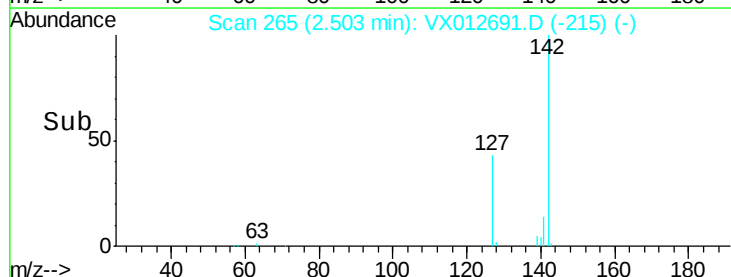
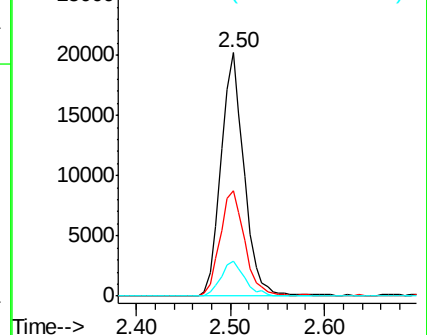
141 14.8 12.1 18.1

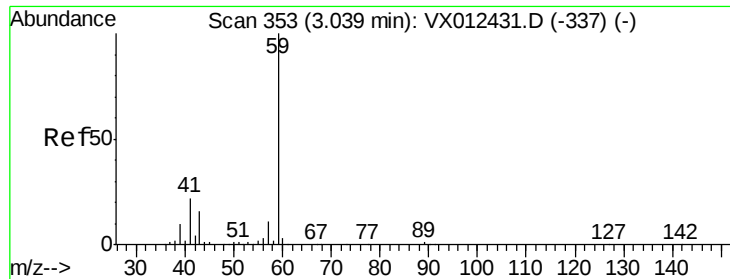


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

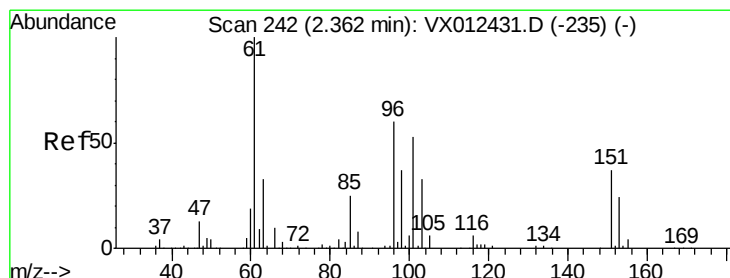
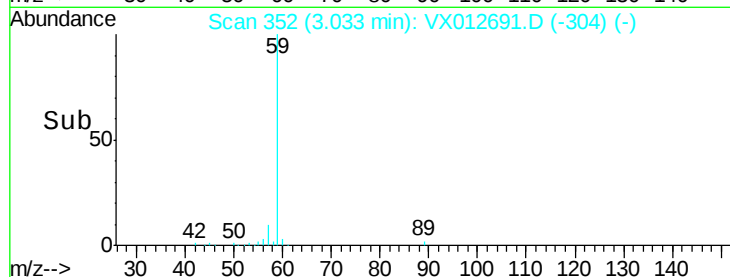
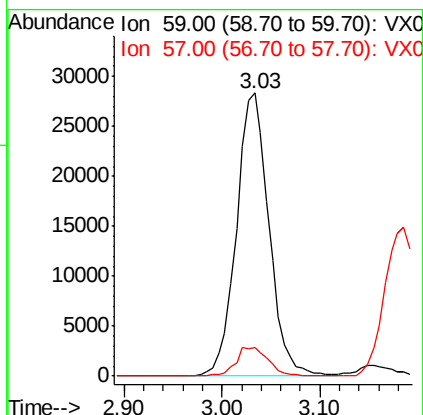
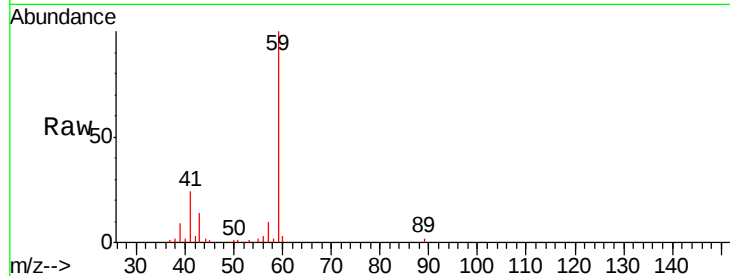




#11
Tert butyl alcohol
Concen: 97.551 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

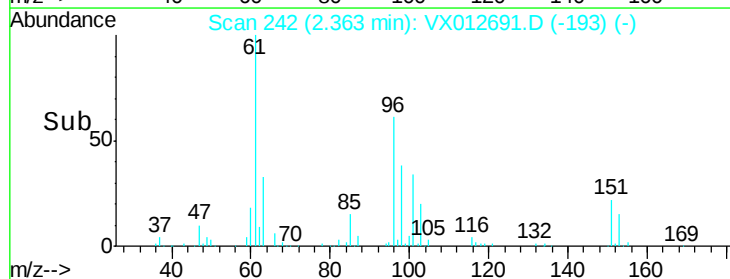
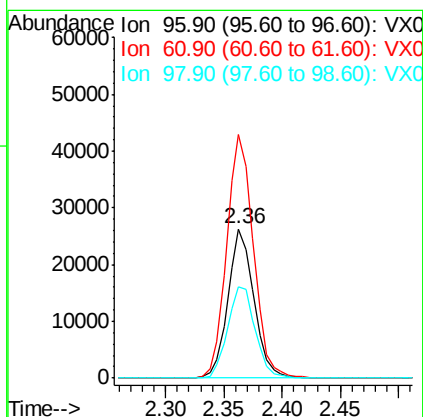
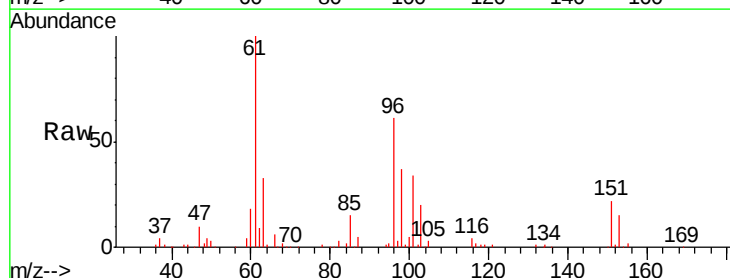
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

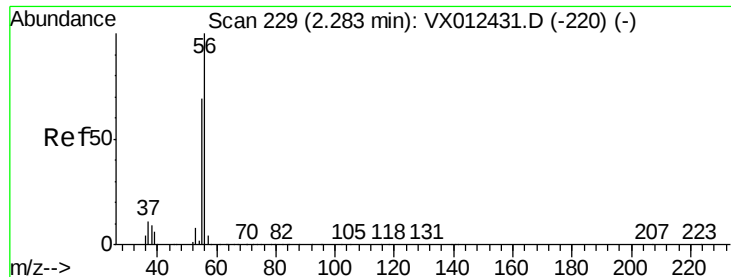
Tgt Ion: 59 Resp: 65415
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.589 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 96 Resp: 40808
Ion Ratio Lower Upper
96 100
61 163.1 133.8 200.6
98 61.1 49.9 74.9





#13

Acrolein

Concen: 41.710 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

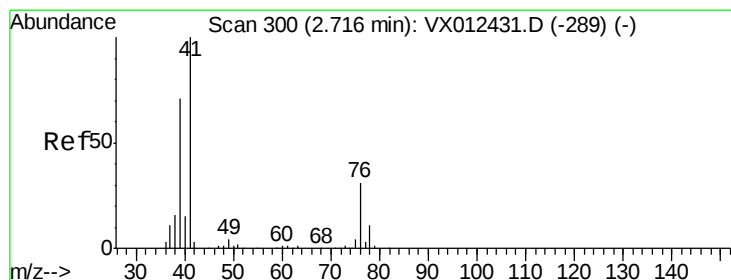
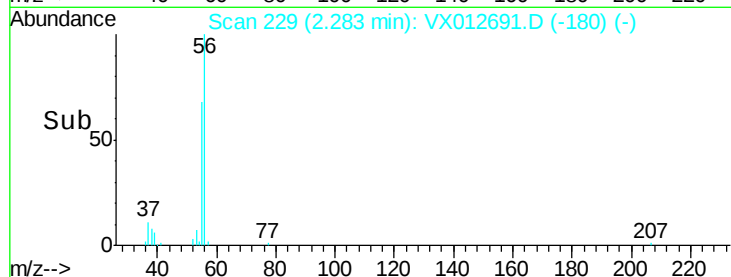
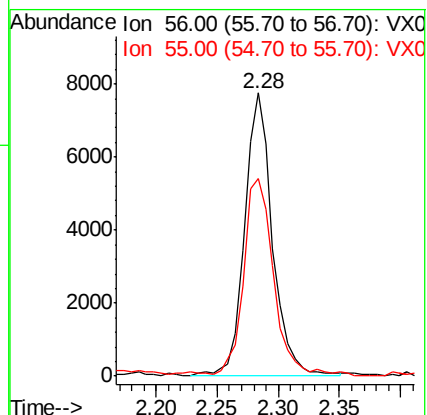
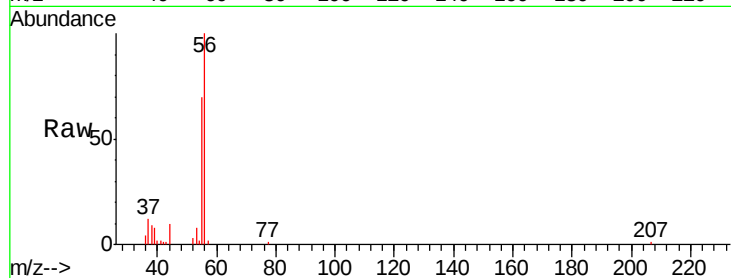
VX0927WBS01

Tgt Ion: 56 Resp: 12260

Ion Ratio Lower Upper

56 100

55 75.8 55.8 83.8



#14

Allyl chloride

Concen: 20.336 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

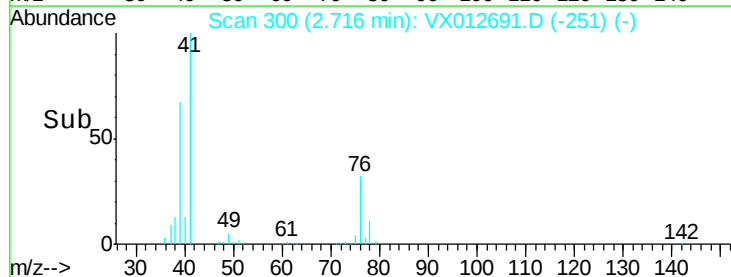
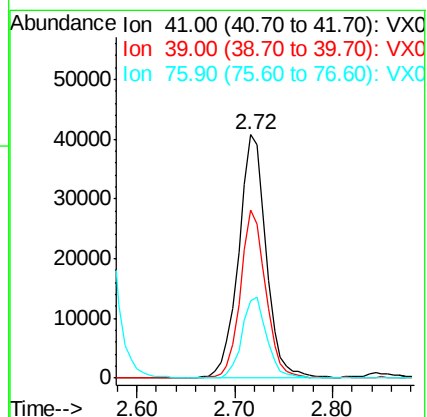
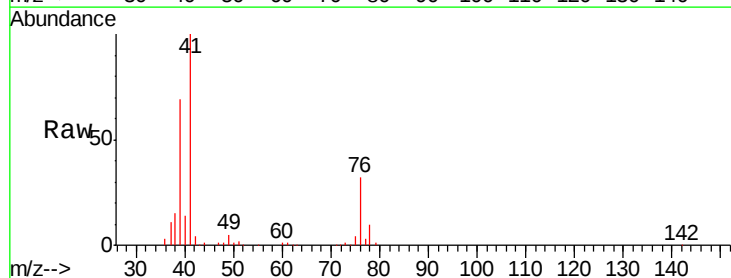
Tgt Ion: 41 Resp: 79967

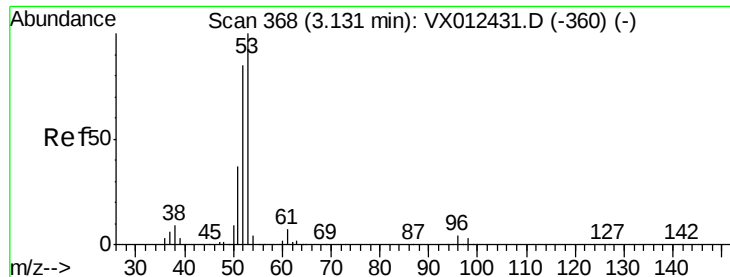
Ion Ratio Lower Upper

41 100

39 63.4 51.3 76.9

76 29.8 22.6 33.8





#15

Acrylonitrile

Concen: 102.885 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

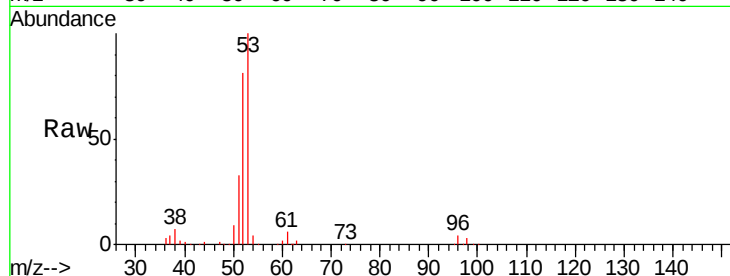
Tgt Ion: 53 Resp: 139970

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

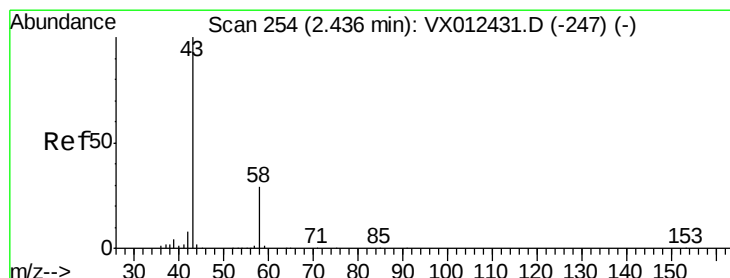
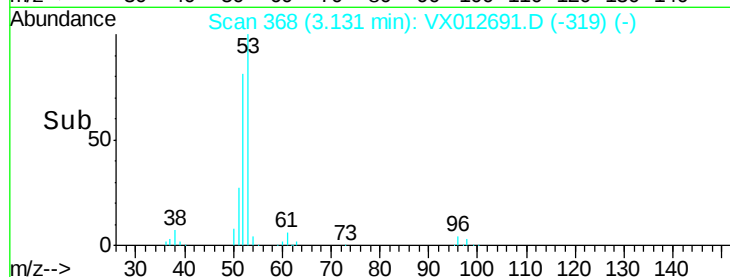
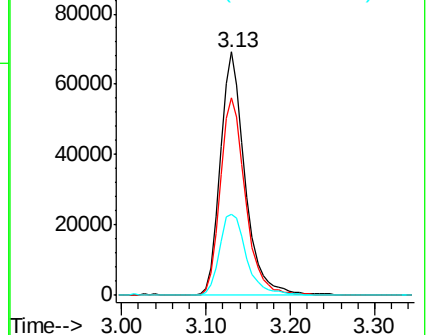
51 36.7 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.731 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012691.D

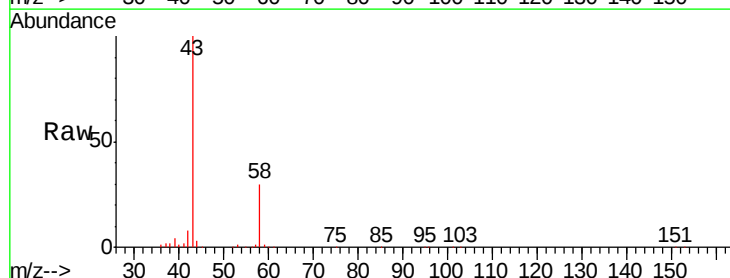
Acq: 27 Sep 2019 12:05

Tgt Ion: 43 Resp: 136115

Ion Ratio Lower Upper

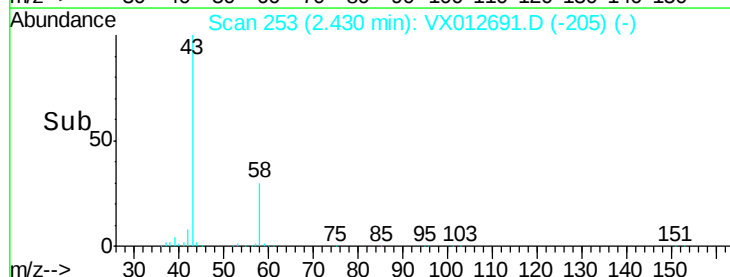
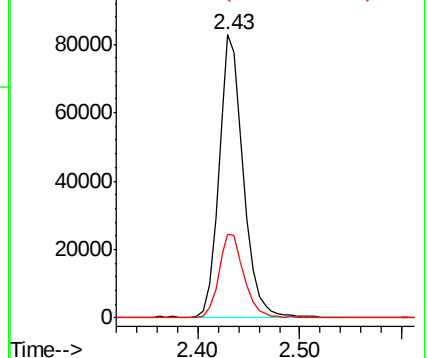
43 100

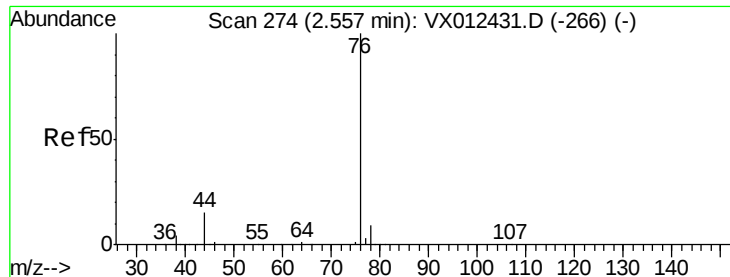
58 29.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.287 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

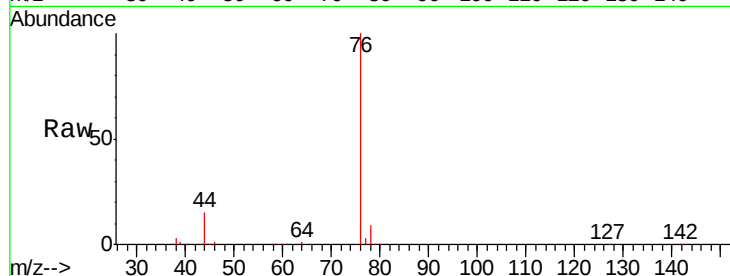
VX0927WBS01

Tgt Ion: 76 Resp: 101608

Ion Ratio Lower Upper

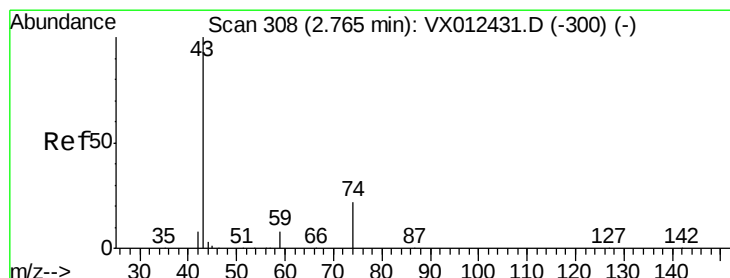
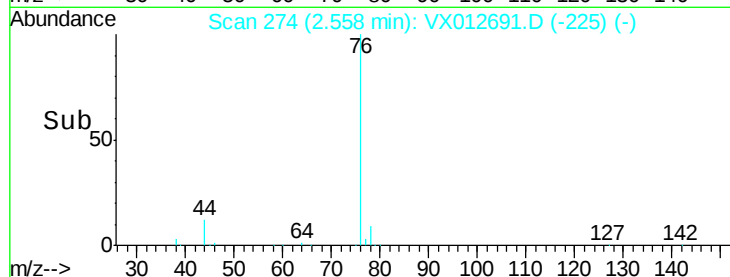
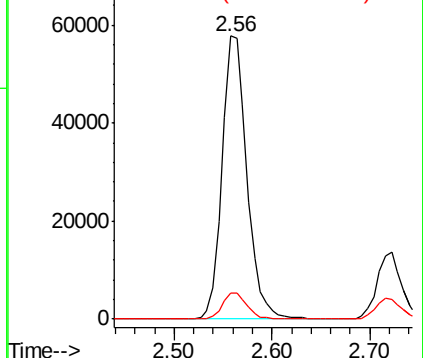
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.238 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012691.D

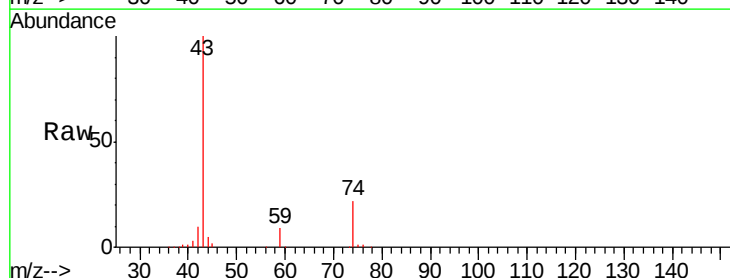
Acq: 27 Sep 2019 12:05

Tgt Ion: 43 Resp: 67756

Ion Ratio Lower Upper

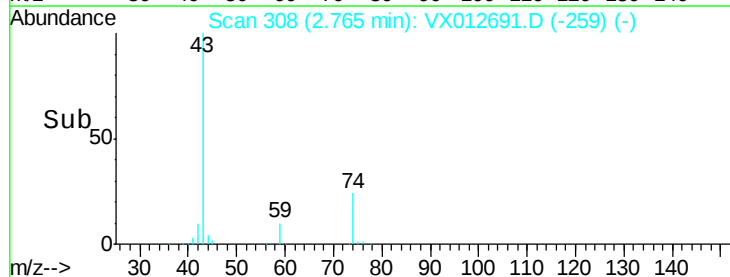
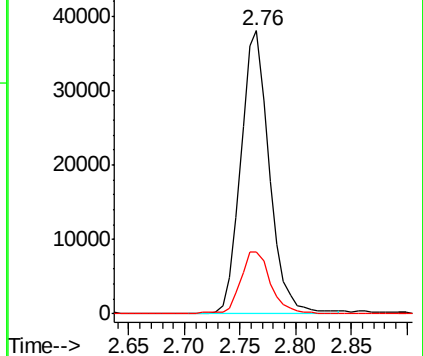
43 100

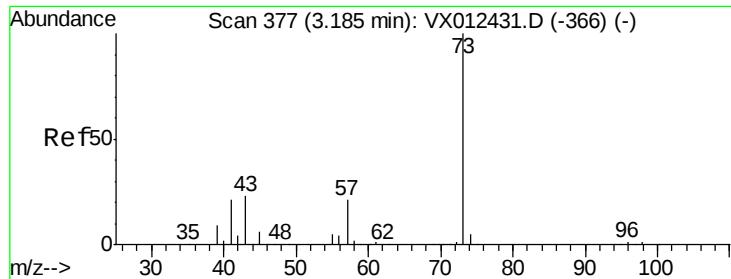
74 23.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

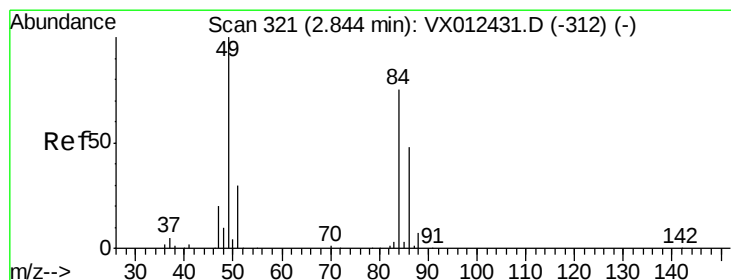
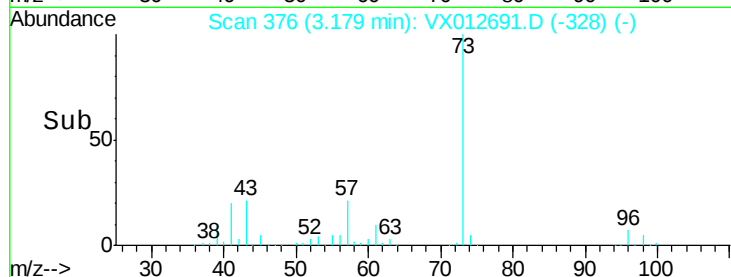
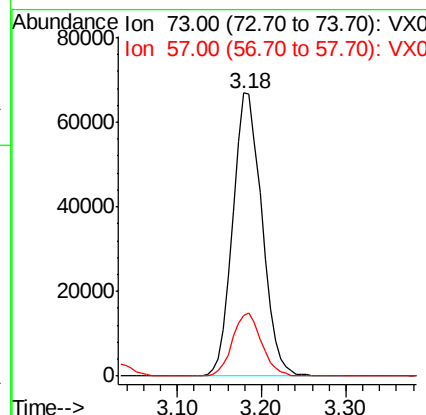
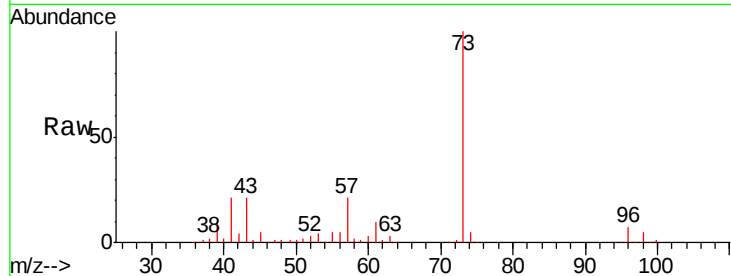




#19
Methyl tert-butyl Ether
Concen: 20.937 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

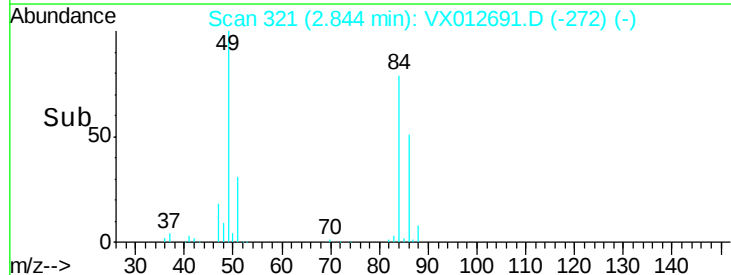
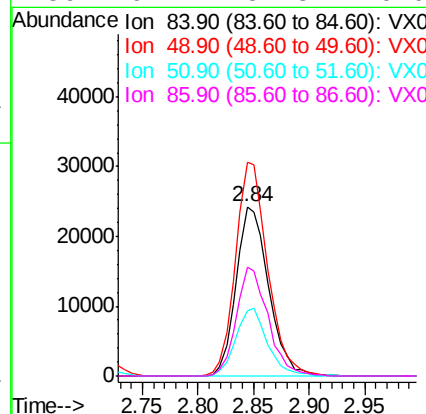
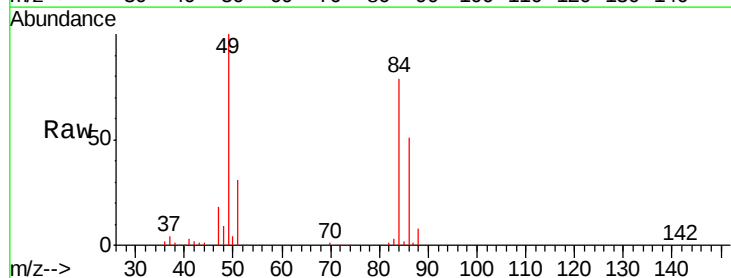
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

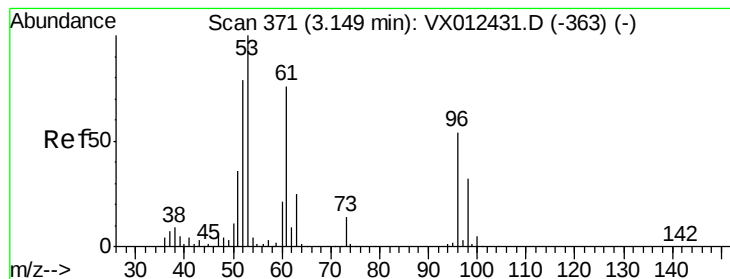
Tgt Ion: 73 Resp: 157073
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#20
Methylene Chloride
Concen: 20.384 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 84 Resp: 49022
Ion Ratio Lower Upper
84 100
49 126.4 106.8 160.2
51 38.9 32.3 48.5
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.576 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

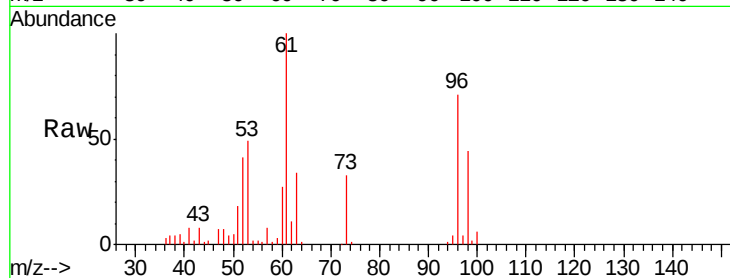
Tgt Ion: 96 Resp: 45181

Ion Ratio Lower Upper

96 100

61 141.6 112.0 168.0

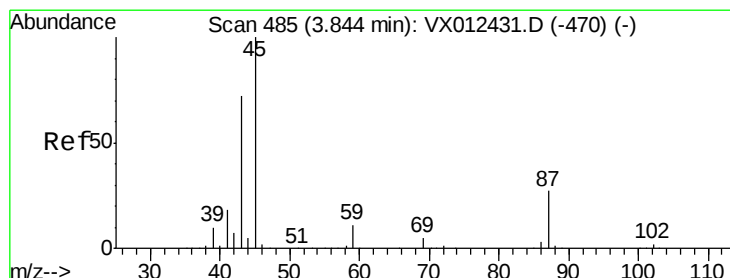
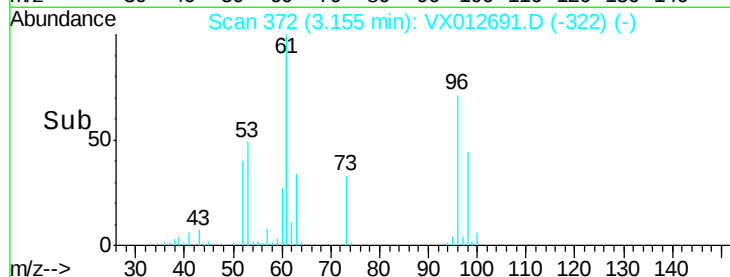
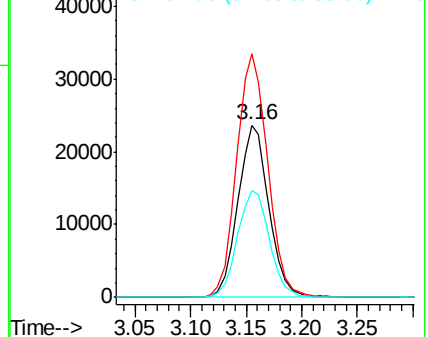
98 62.0 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.939 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion: 45 Resp: 159099

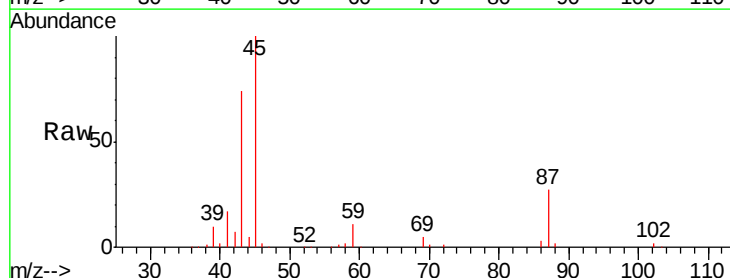
Ion Ratio Lower Upper

45 100

43 73.2 57.8 86.8

87 27.2 21.3 31.9

59 11.0 8.5 12.7

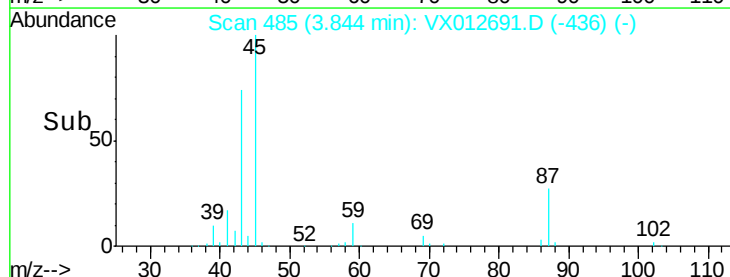
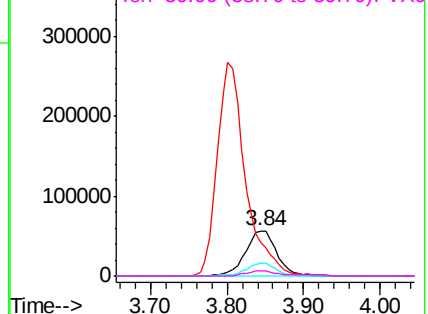


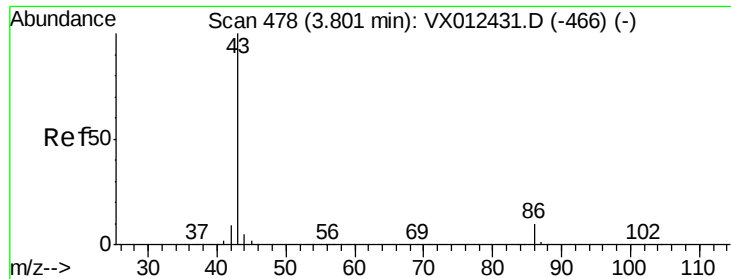
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.162 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

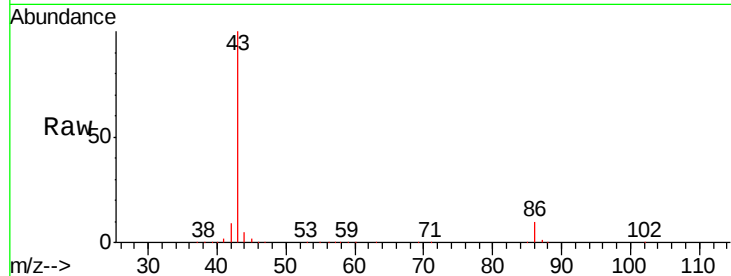
VX0927WBS01

Tgt Ion: 43 Resp: 687398

Ion Ratio Lower Upper

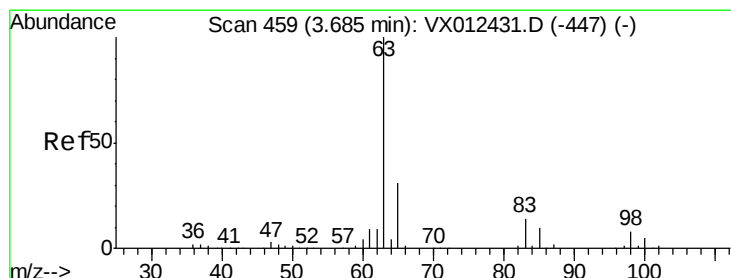
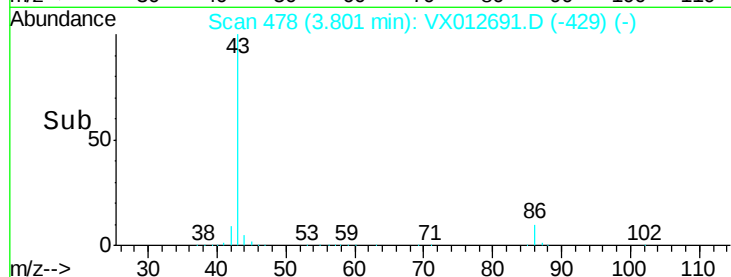
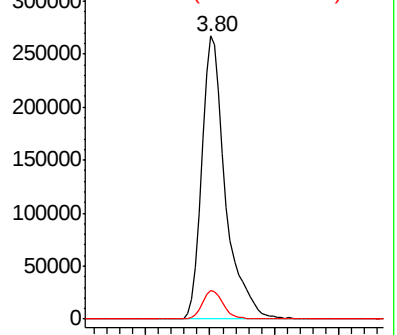
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.612 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

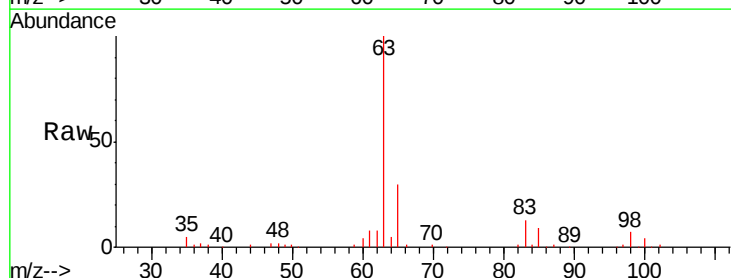
Tgt Ion: 63 Resp: 85132

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

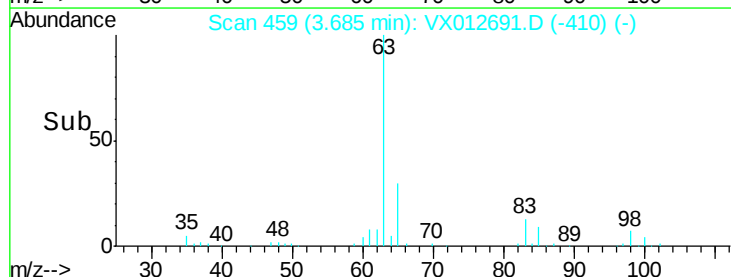
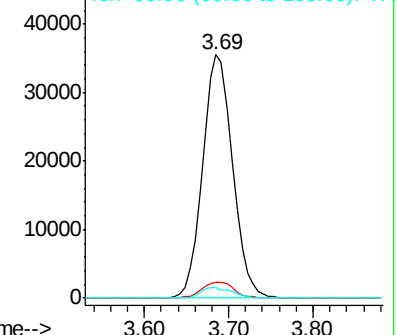
100 4.4 2.3 6.9

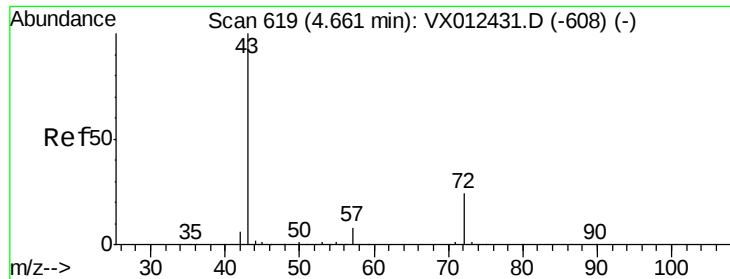


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.893 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

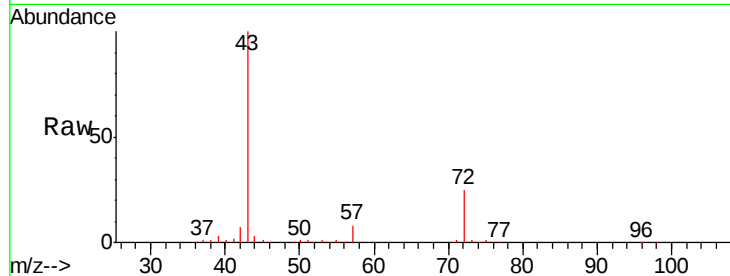
VX0927WBS01

Tgt Ion: 43 Resp: 201616

Ion Ratio Lower Upper

43 100

72 25.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

40000

20000

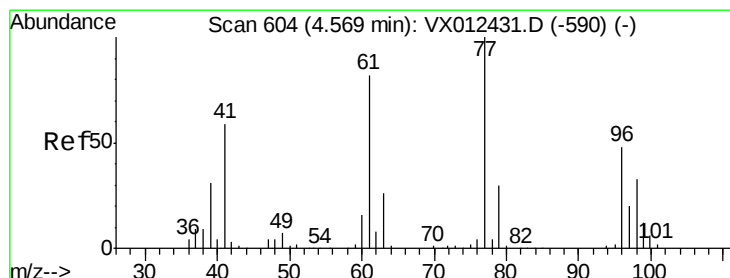
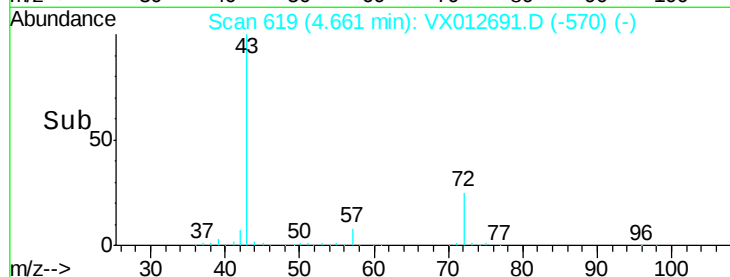
0

4.66

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.713 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012691.D

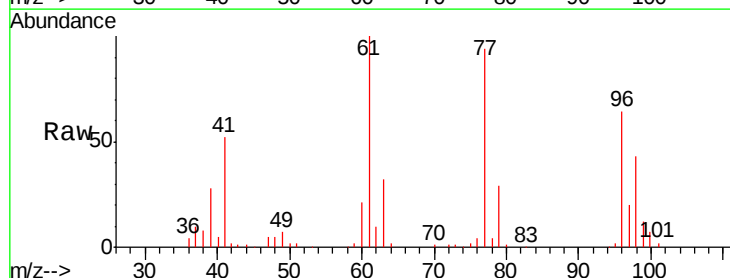
Acq: 27 Sep 2019 12:05

Tgt Ion: 77 Resp: 72414

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

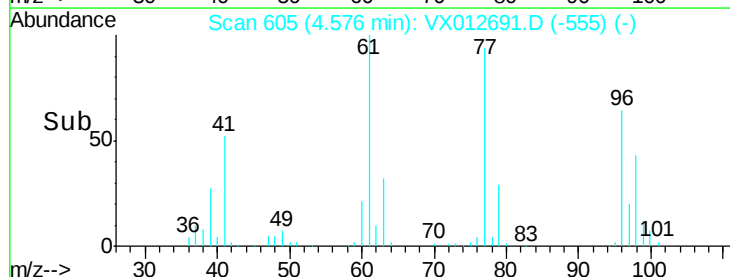
0

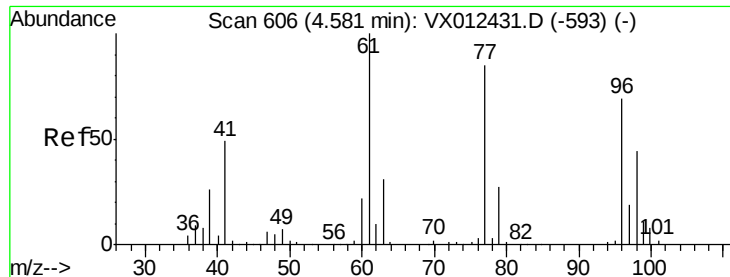
4.58

4.60

4.70

Time-->



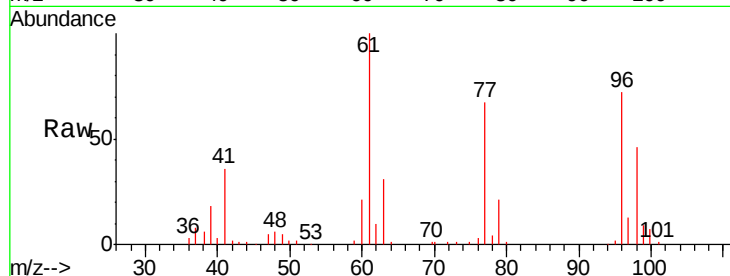


#27

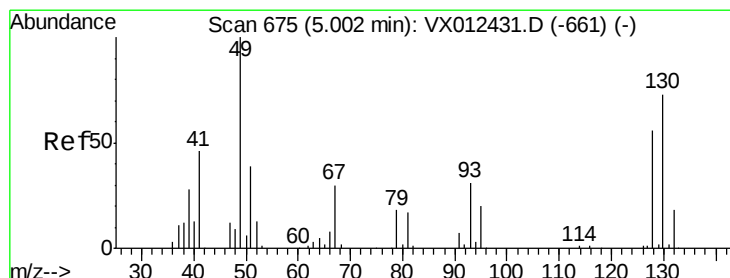
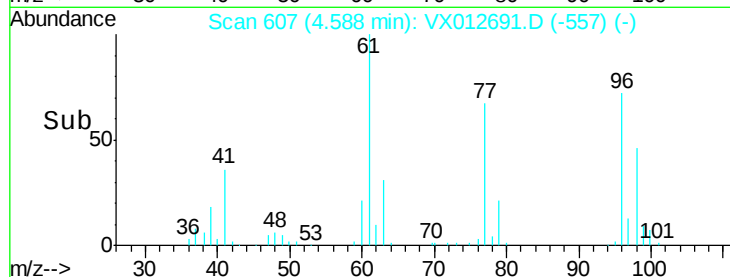
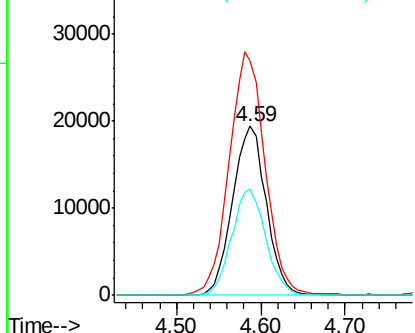
cis-1,2-Dichloroethene
Concen: 20.704 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 96 Resp: 52749
Ion Ratio Lower Upper
96 100
61 152.7 0.0 319.4
98 63.5 0.0 130.6



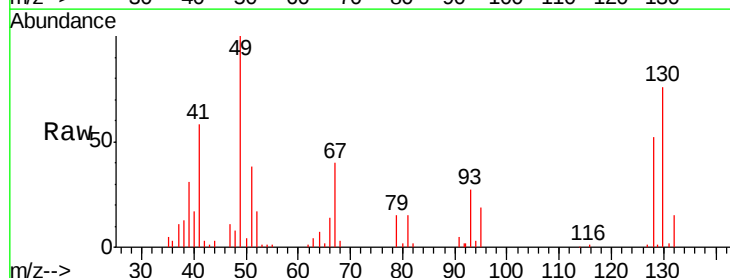
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



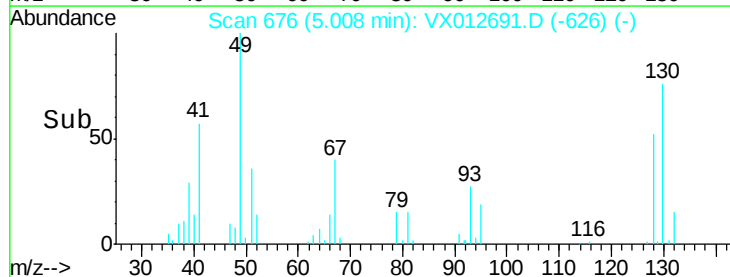
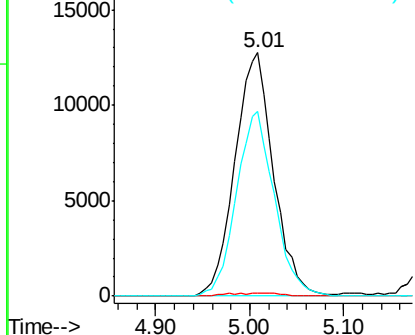
#28

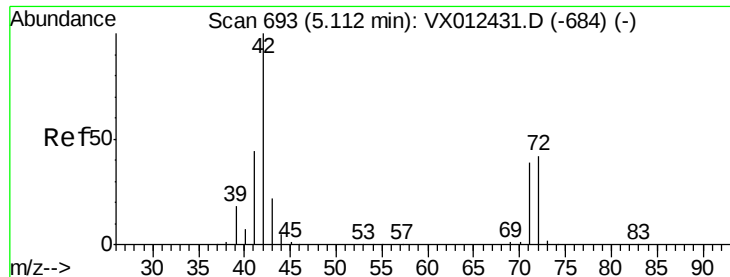
Bromochloromethane
Concen: 24.276 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 49 Resp: 36406
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.8 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 103.192 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

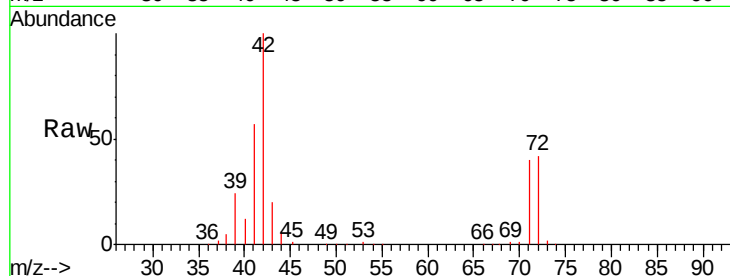
Tgt Ion: 42 Resp: 128228

Ion Ratio Lower Upper

42 100

72 43.2 34.0 51.0

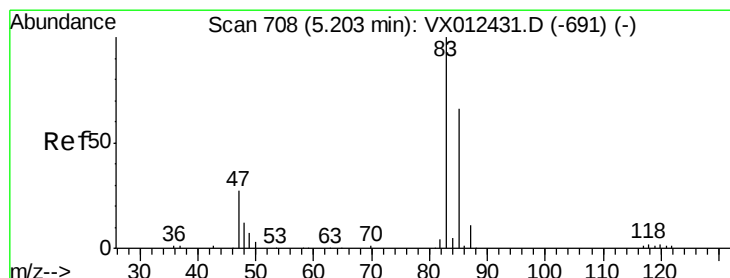
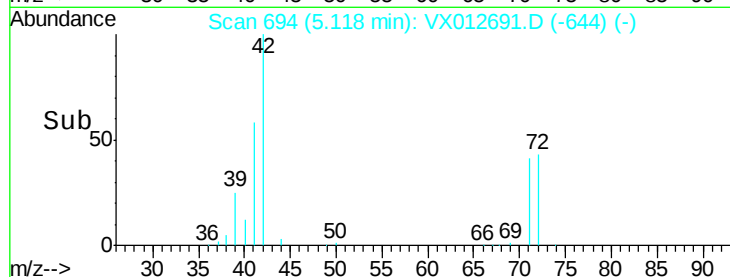
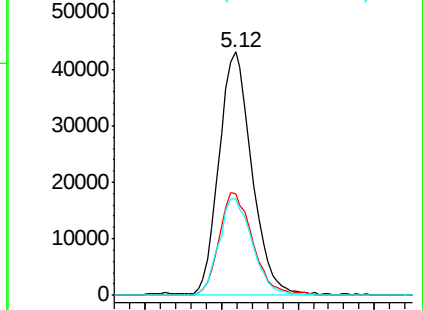
71 40.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.682 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012691.D

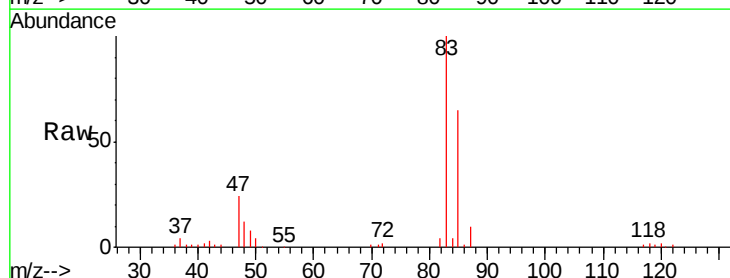
Acq: 27 Sep 2019 12:05

Tgt Ion: 83 Resp: 87394

Ion Ratio Lower Upper

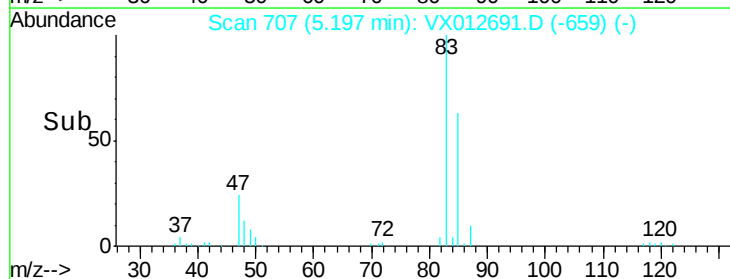
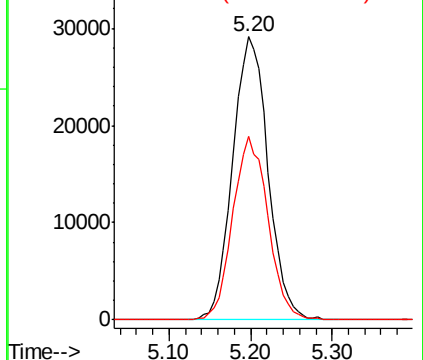
83 100

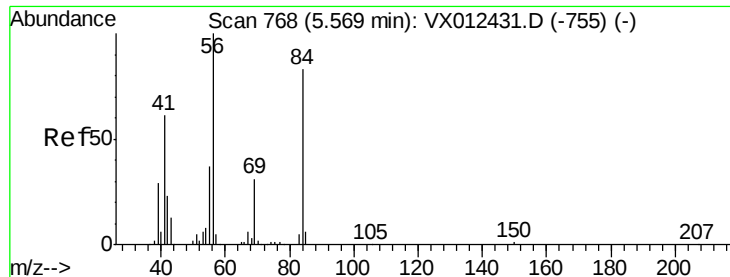
85 65.0 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

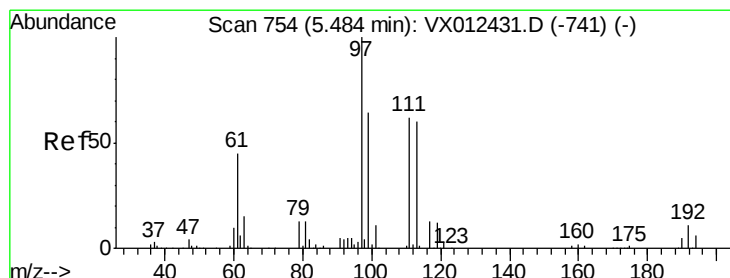
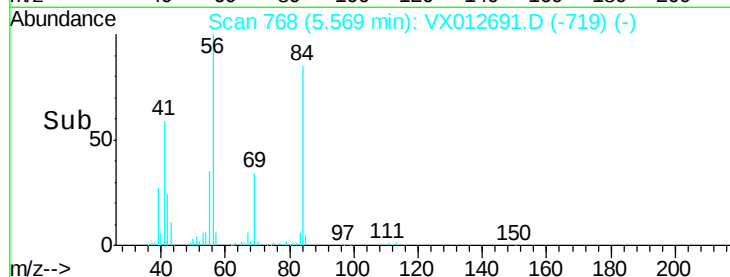
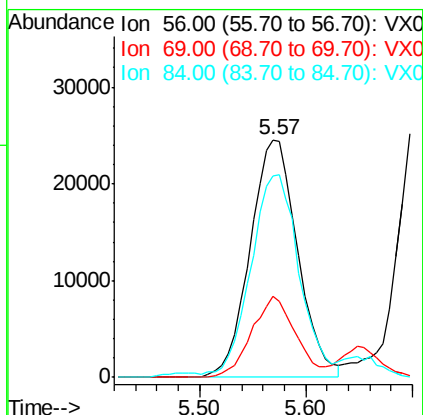
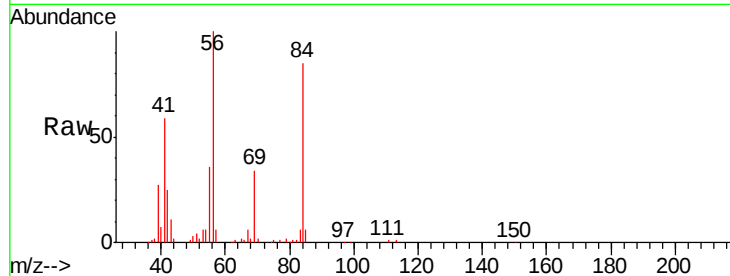




#31
Cyclohexane
Concen: 20.469 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

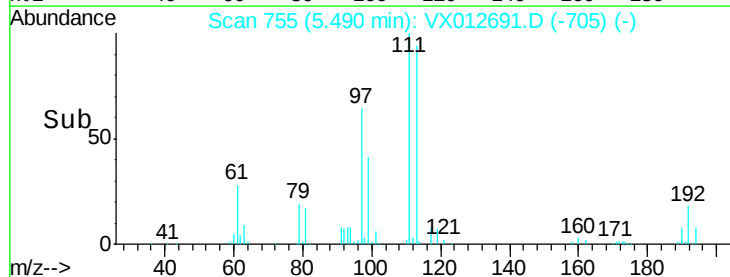
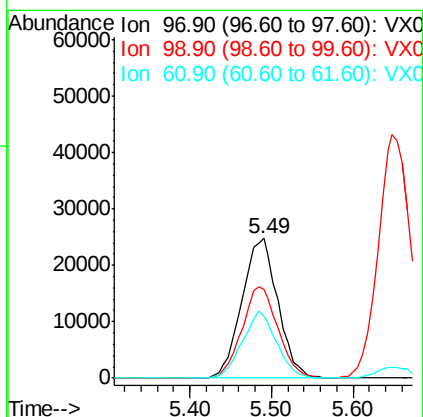
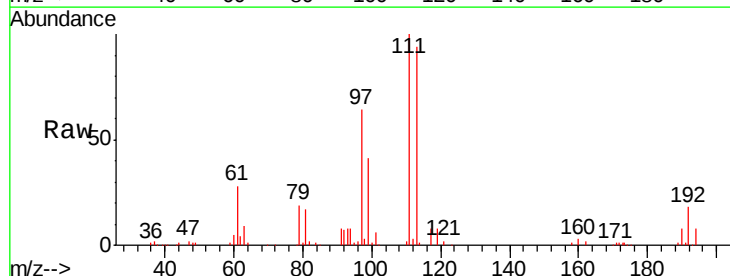
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

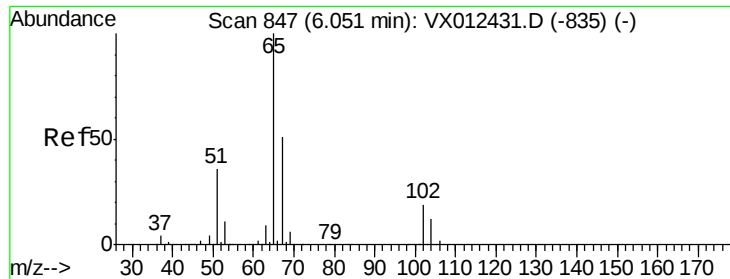
Tgt Ion: 56 Resp: 76482
Ion Ratio Lower Upper
56 100
69 34.4 25.0 37.6
84 82.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.225 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 97 Resp: 75742
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 45.7 36.1 54.1

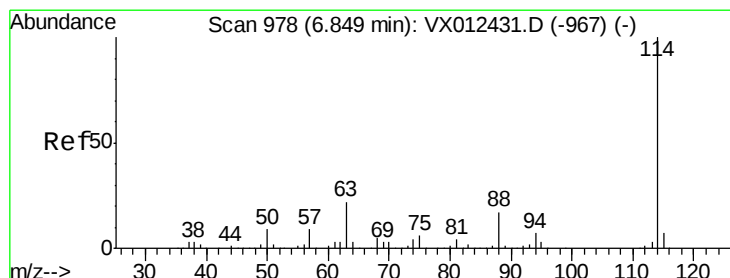
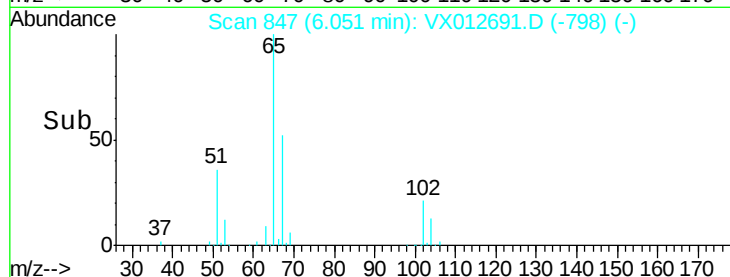
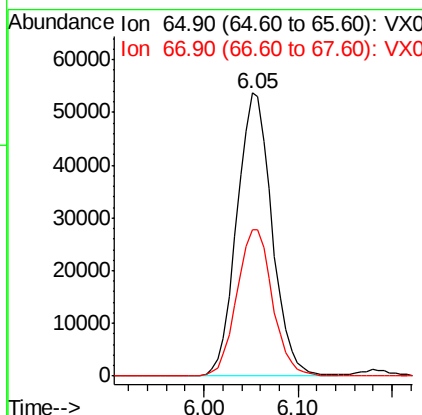
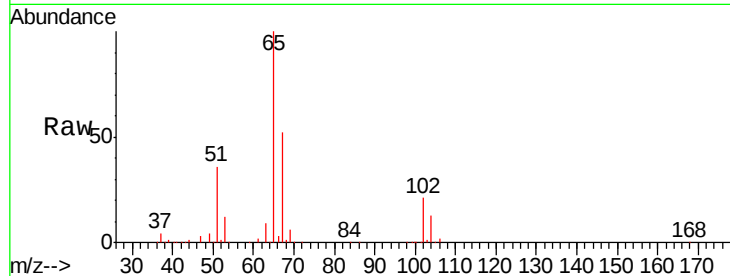




#33
 1,2-Dichloroethane-d4
 Concen: 52.224 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

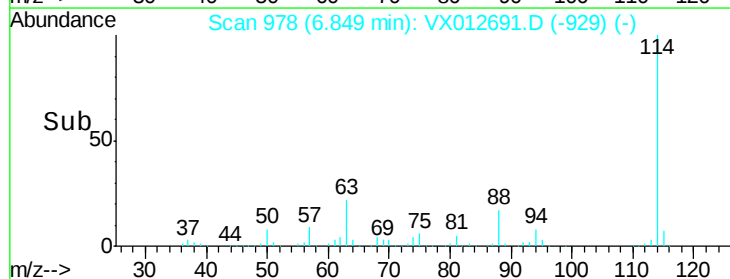
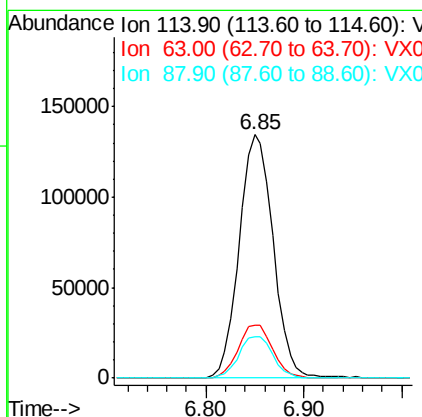
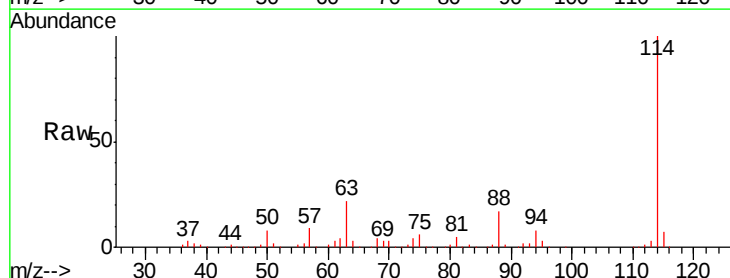
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

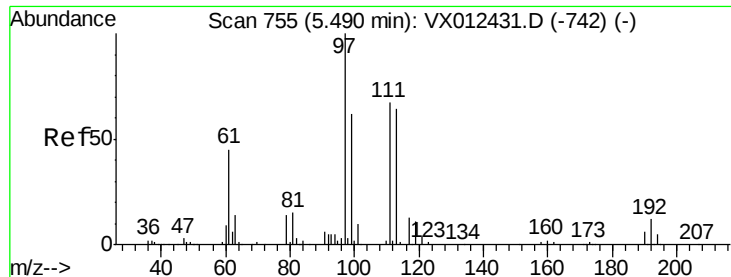
Tgt Ion: 65 Resp: 140187
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 114 Resp: 323679
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 17.0 0.0 33.2

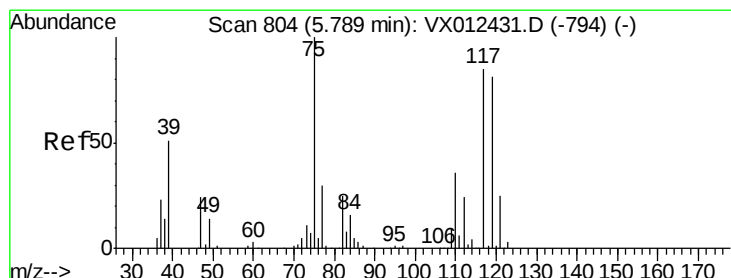
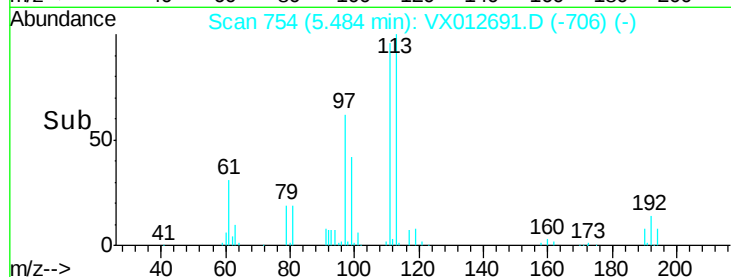
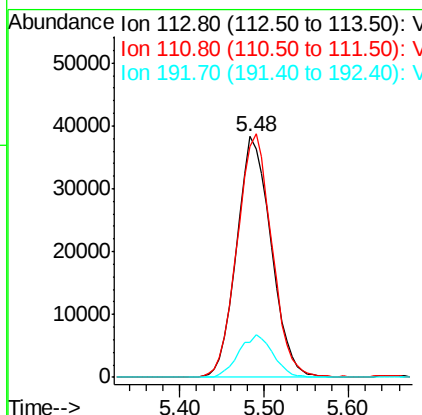
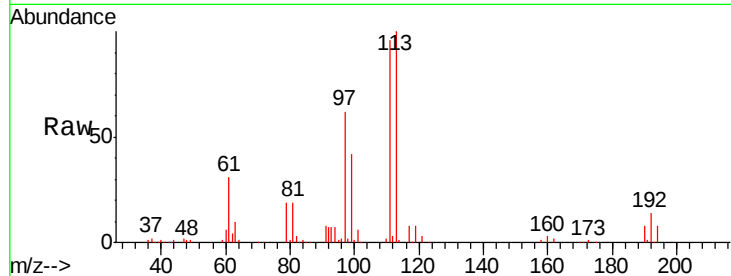




#35
Dibromofluoromethane
Concen: 54.999 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

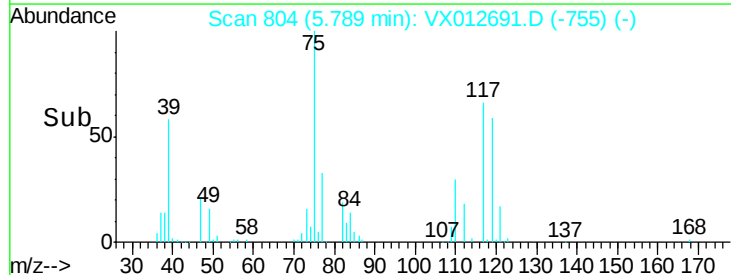
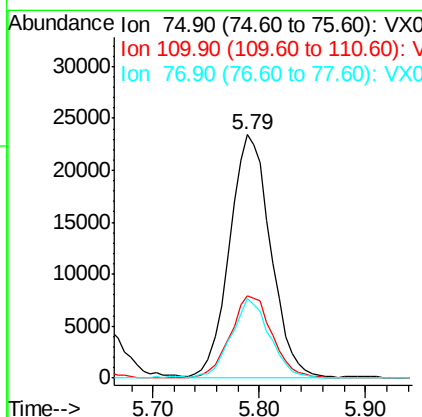
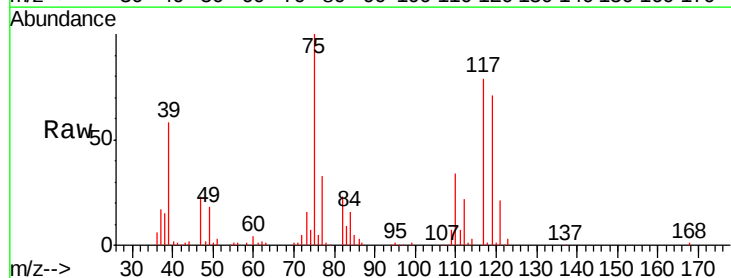
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

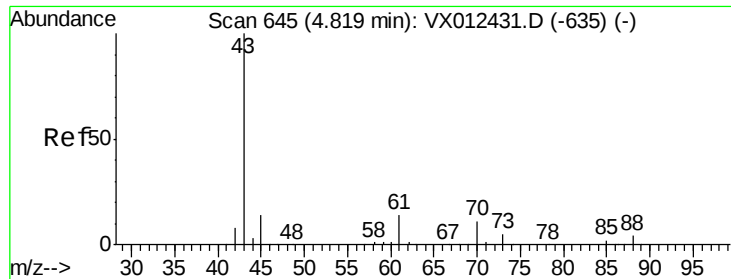
Tgt Ion:113 Resp: 106019
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 17.6 14.4 21.6



#36
1,1-Dichloropropene
Concen: 20.170 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 75 Resp: 62930
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.0
77 30.9 24.2 36.2

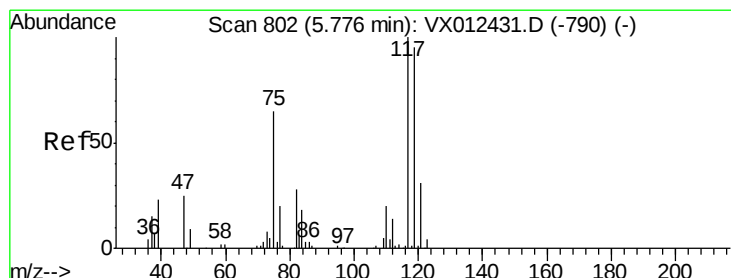
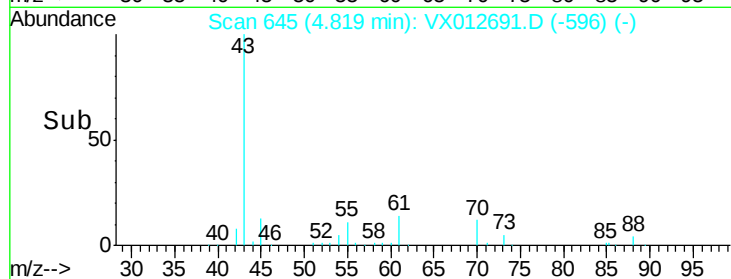
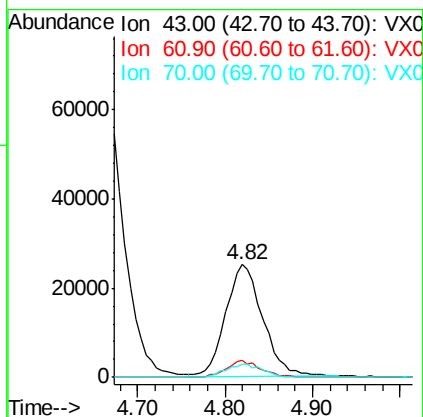
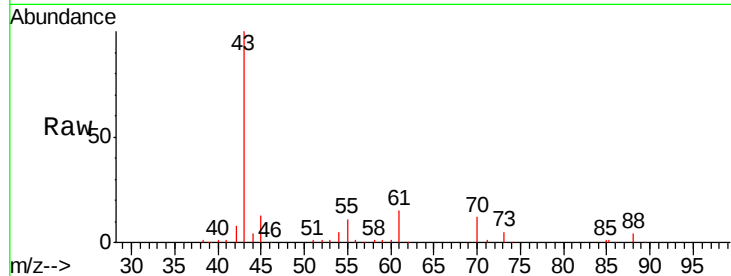




#37
Ethyl Acetate
Concen: 20.286 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

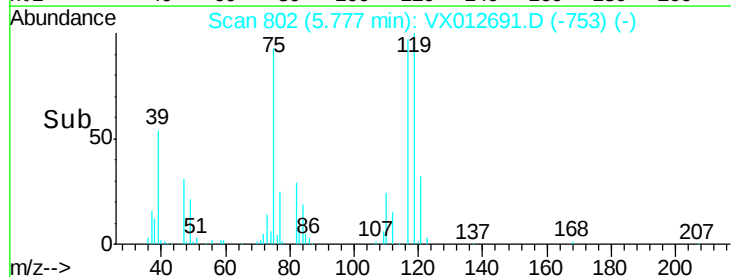
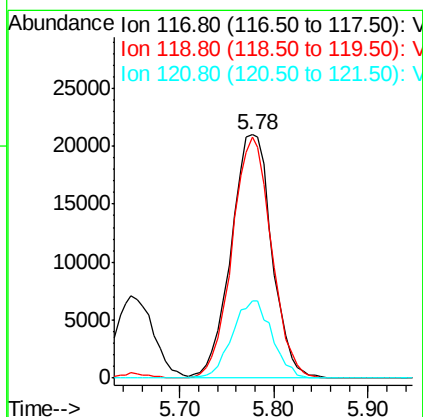
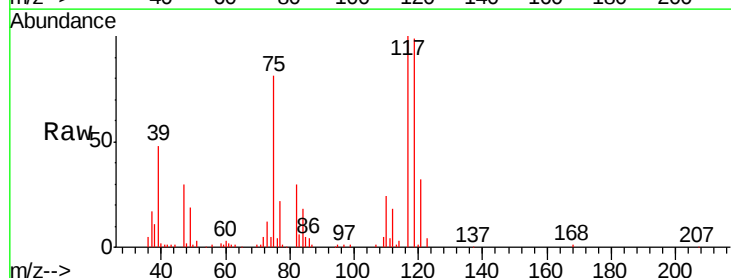
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

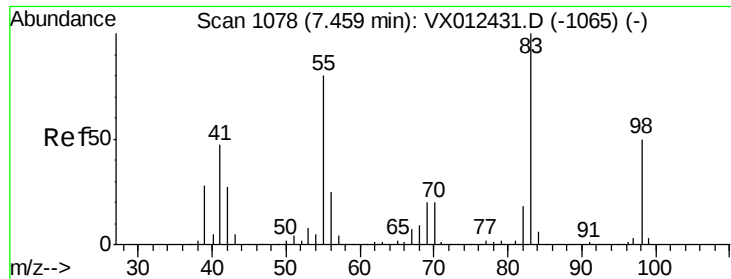
Tgt Ion: 43 Resp: 73993
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.4
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.987 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 117 Resp: 63344
Ion Ratio Lower Upper
117 100
119 99.0 75.7 113.5
121 31.6 24.2 36.4

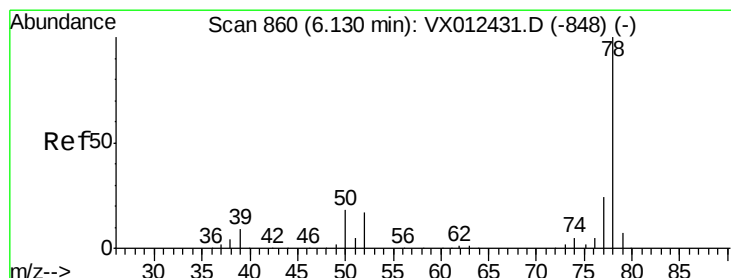
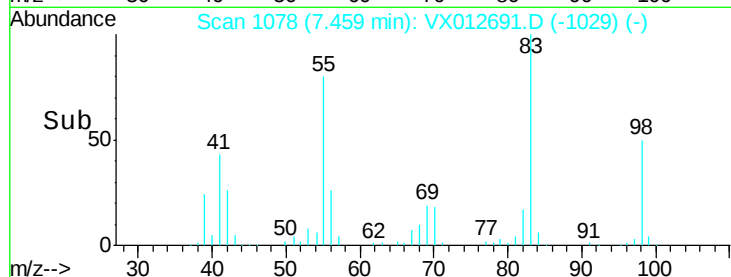
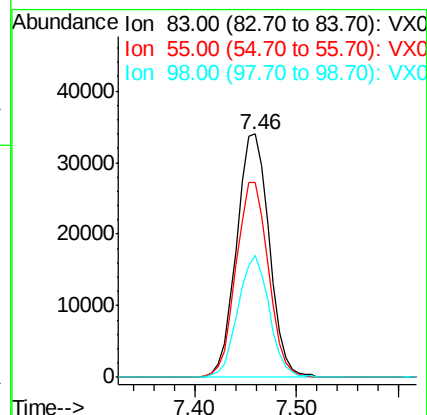
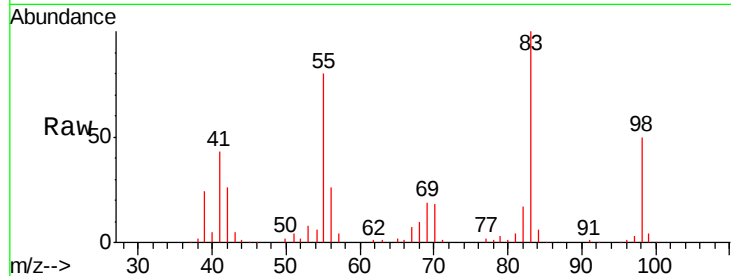




#39
Methylcyclohexane
Concen: 20.058 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

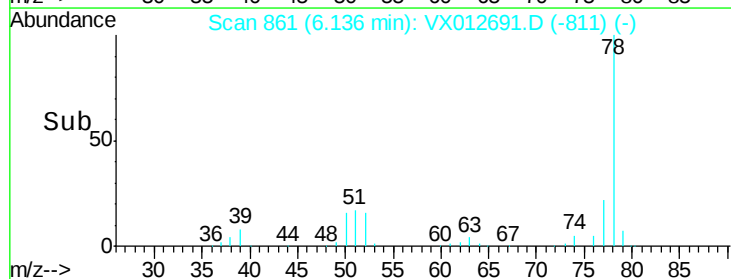
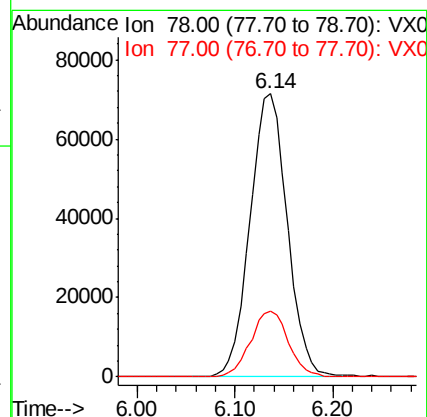
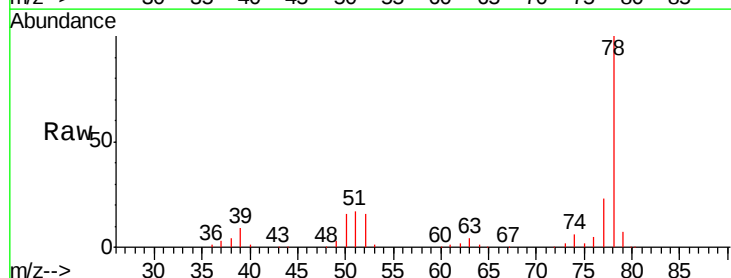
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

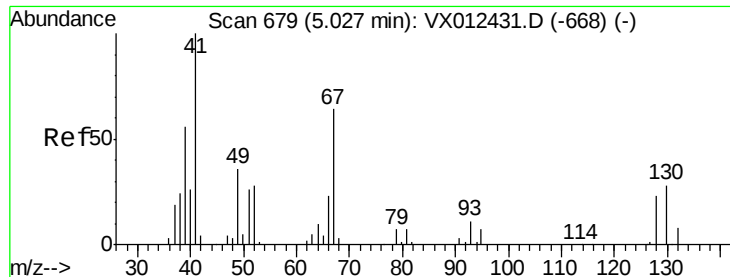
Tgt Ion: 83 Resp: 75336
Ion Ratio Lower Upper
83 100
55 80.0 64.4 96.6
98 50.2 40.1 60.1



#40
Benzene
Concen: 20.661 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 78 Resp: 189663
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

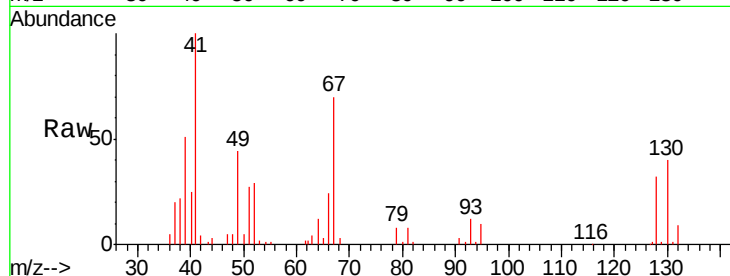




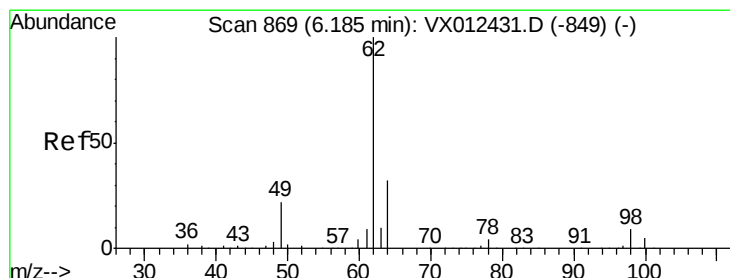
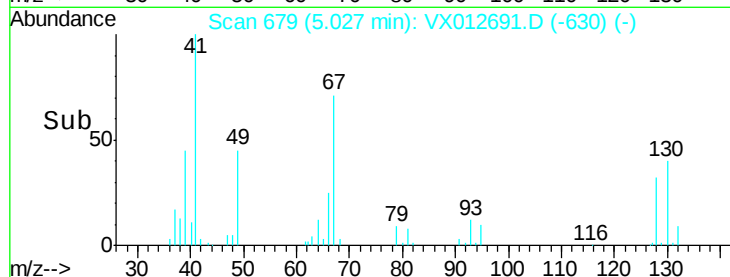
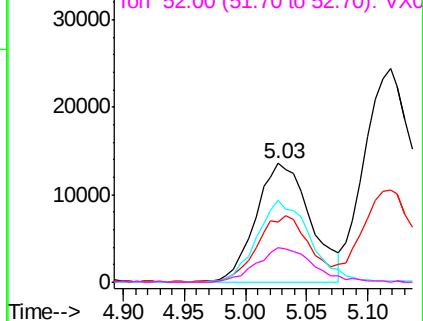
#41
Methacrylonitrile
Concen: 20.692 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:	41	Resp:	42347
Ion	Ratio	Lower	Upper
41	100		
39	52.4	46.0	69.0
67	67.8	52.2	78.2
52	29.8	22.7	34.1

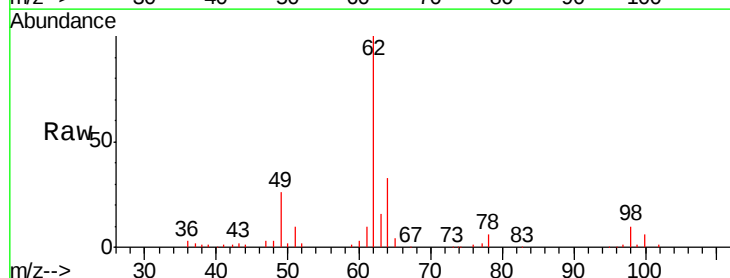


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

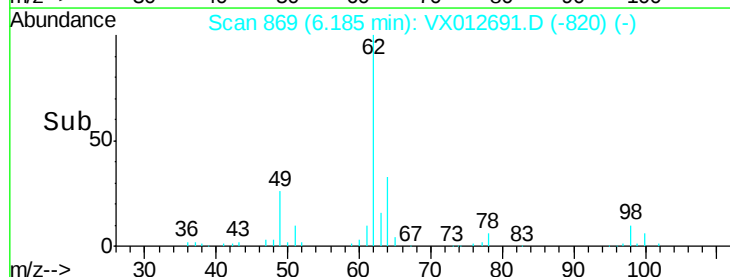
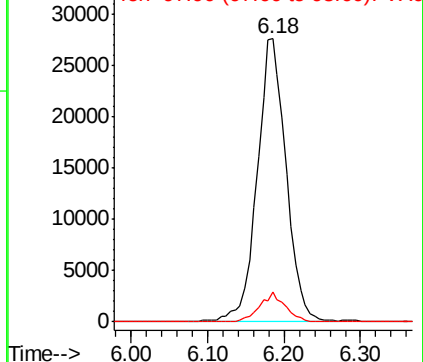


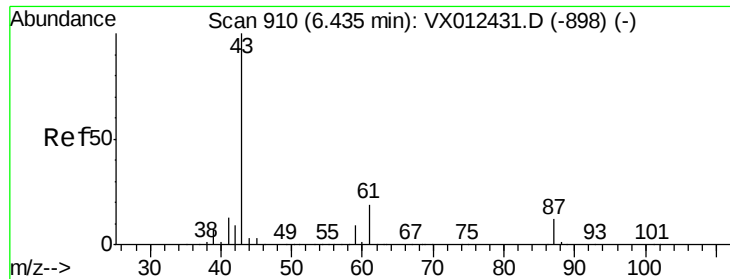
#42
1,2-Dichloroethane
Concen: 20.940 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:	62	Resp:	72995
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



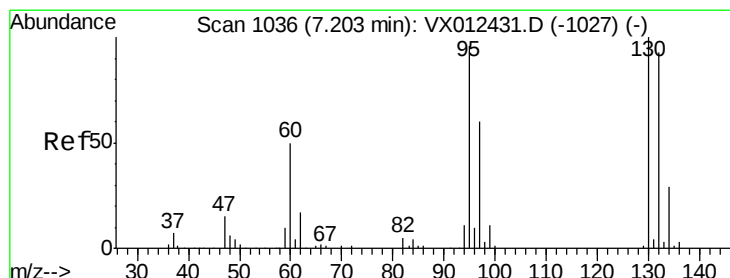
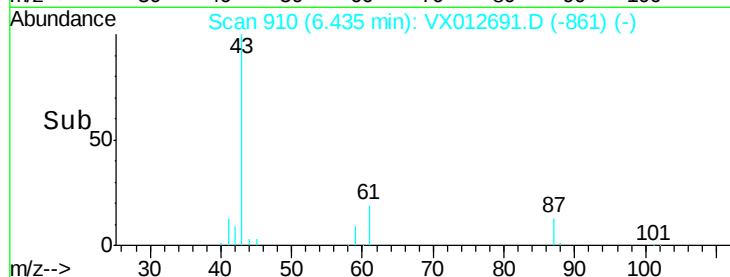
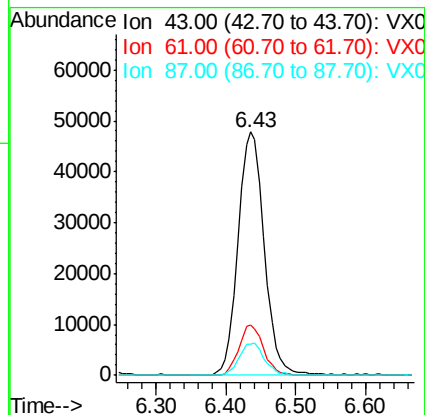
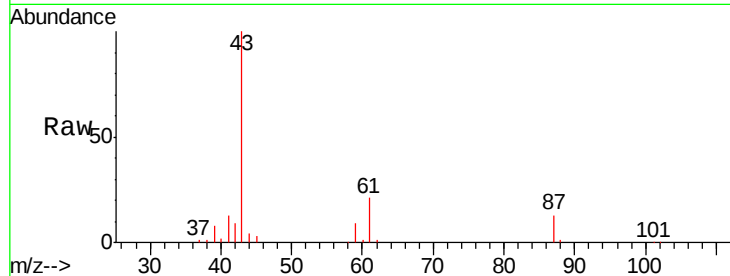


#43

Isopropyl Acetate
 Concen: 20.303 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

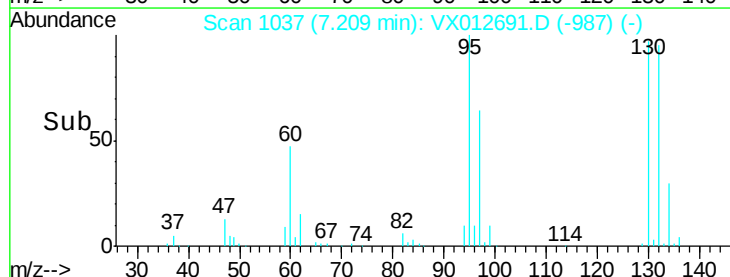
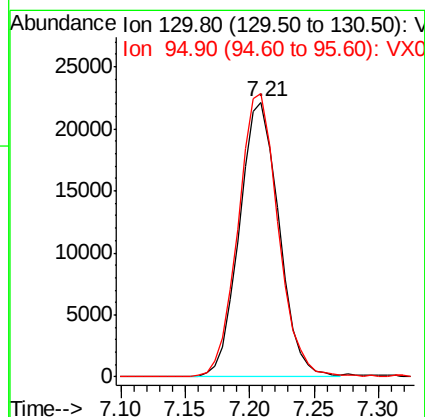
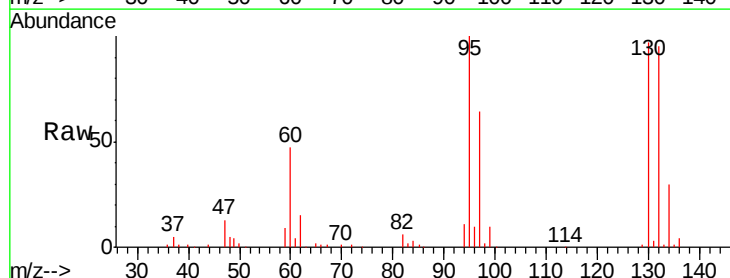
Tgt Ion: 43 Resp: 123841
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.4 23.0
 87 13.0 9.8 14.8

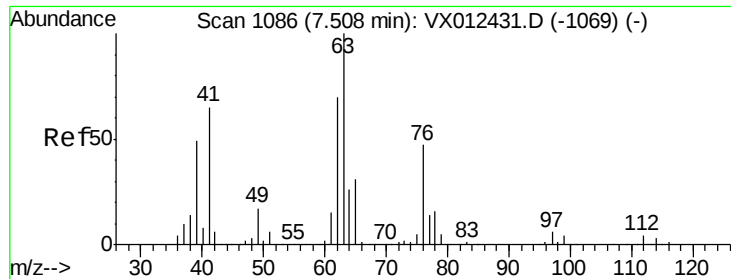


#44

Trichloroethene
 Concen: 20.097 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 130 Resp: 47162
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 193.0

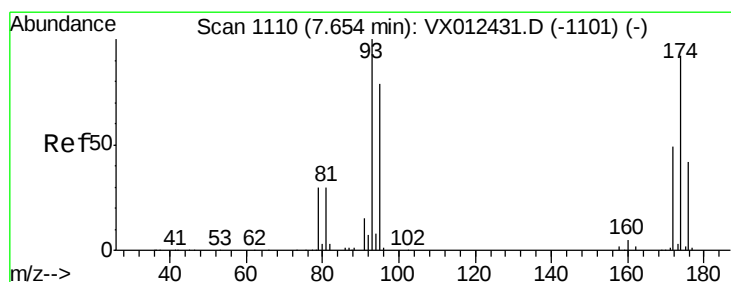
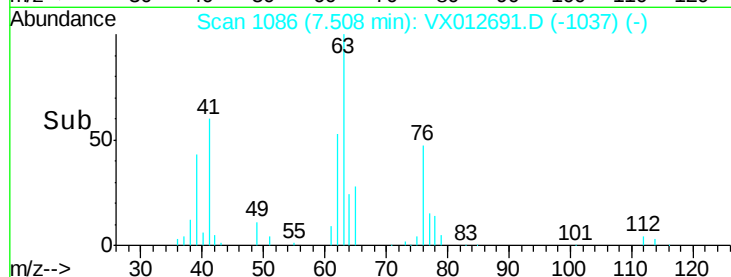
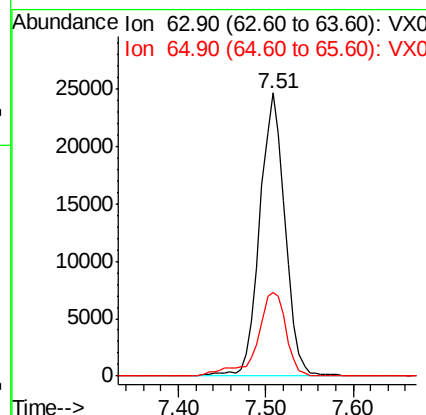
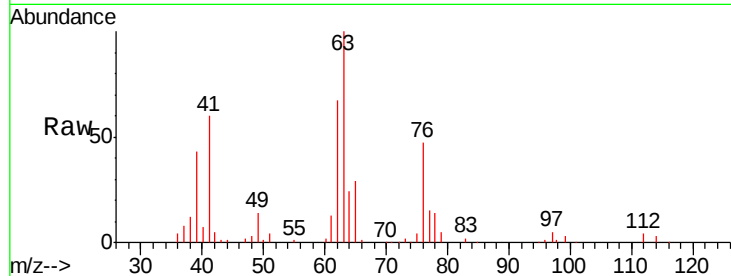




#45
 1,2-Dichloropropane
 Concen: 21.110 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

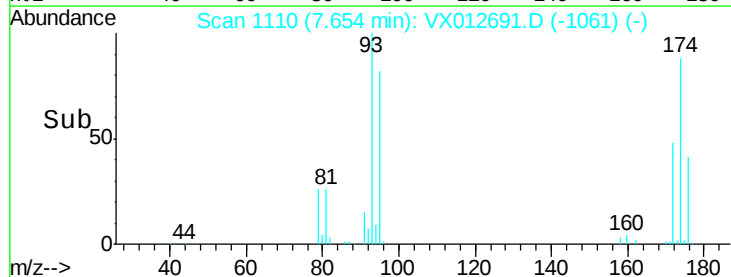
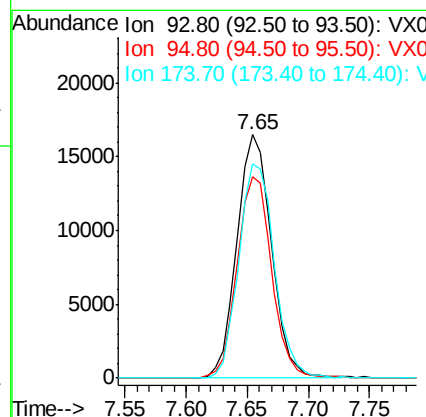
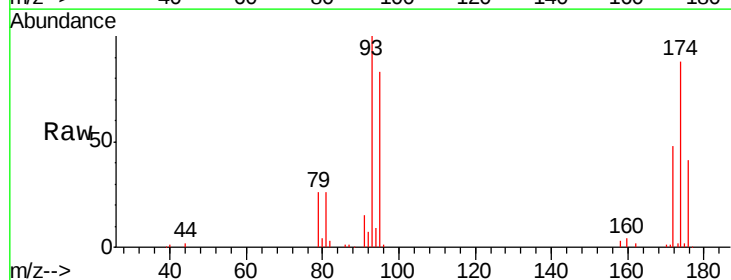
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

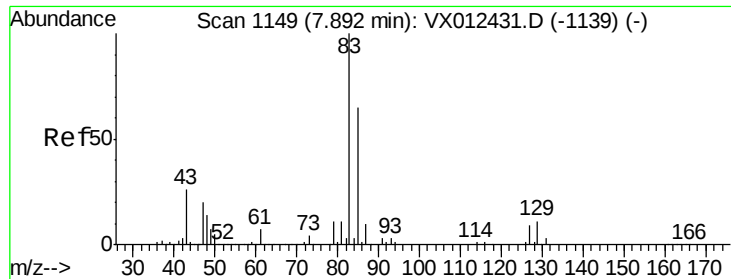
Tgt Ion: 63 Resp: 49614
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.6



#46
 Dibromomethane
 Concen: 20.201 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 93 Resp: 32324
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 90.3 77.4 116.0





#47

Bromodichloromethane

Concen: 20.401 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

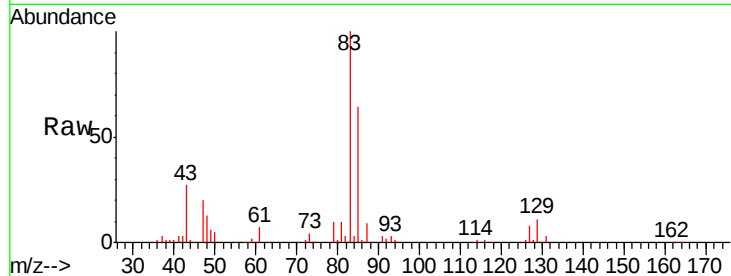
Tgt Ion: 83 Resp: 65244

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

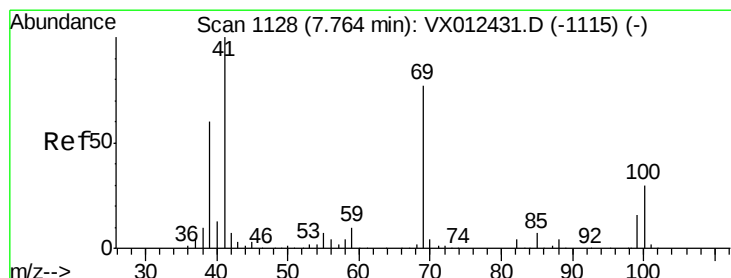
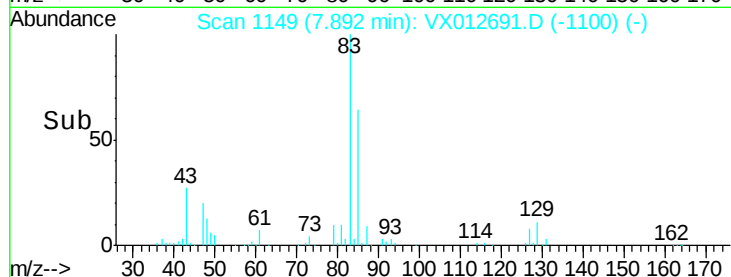
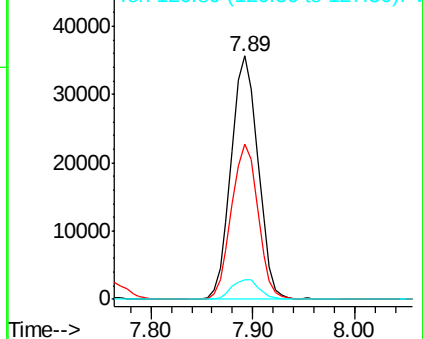
127 8.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.590 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

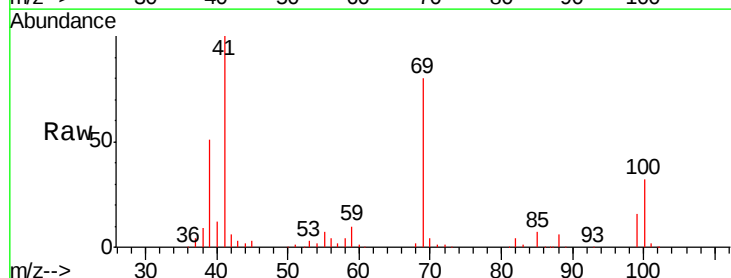
Tgt Ion: 41 Resp: 60222

Ion Ratio Lower Upper

41 100

69 80.4 59.9 89.9

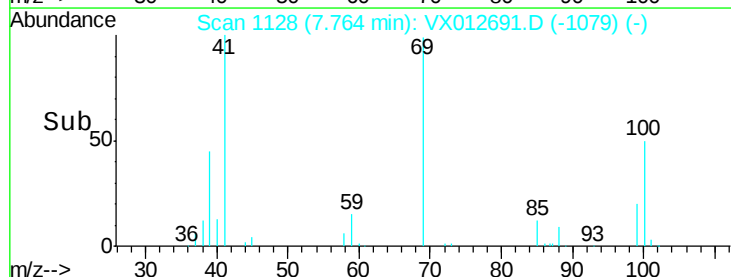
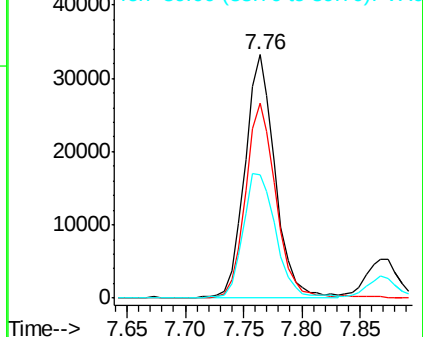
39 56.0 47.8 71.6

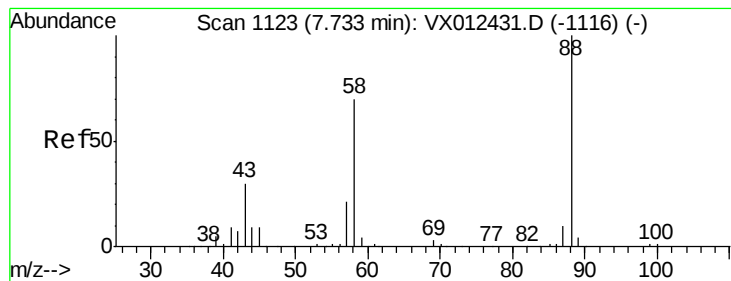


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.349 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

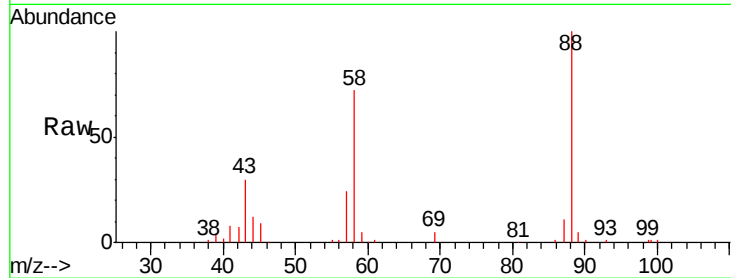
Tgt Ion: 88 Resp: 25564

Ion Ratio Lower Upper

88 100

43 36.9 29.4 44.0

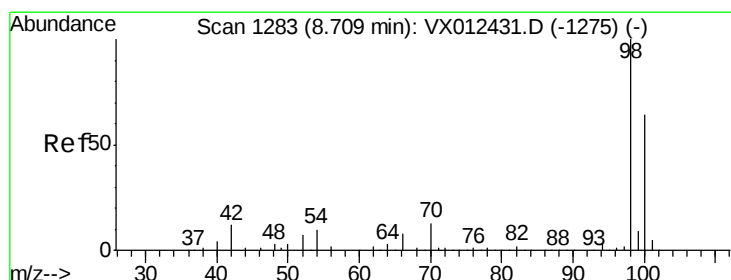
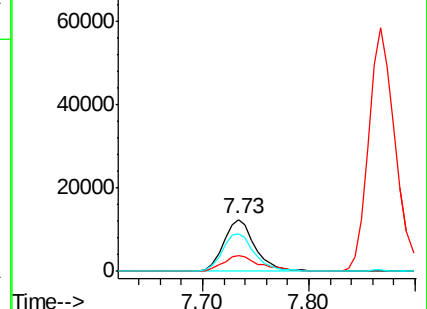
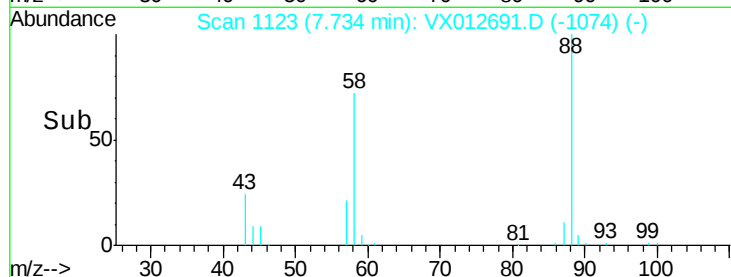
58 74.4 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.219 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012691.D

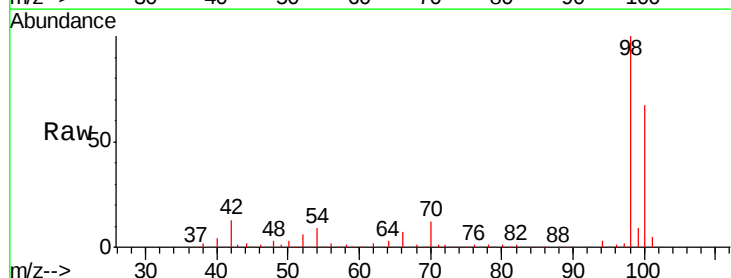
Acq: 27 Sep 2019 12:05

Tgt Ion: 98 Resp: 395068

Ion Ratio Lower Upper

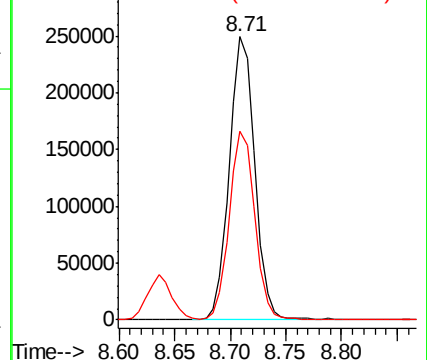
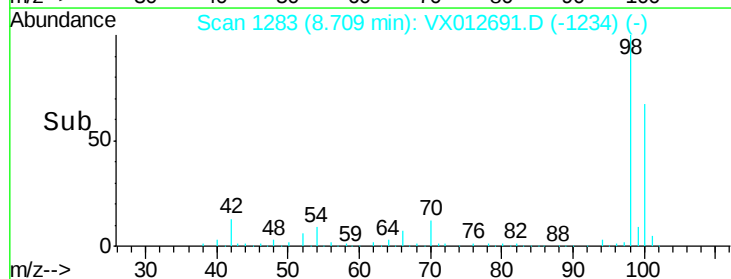
98 100

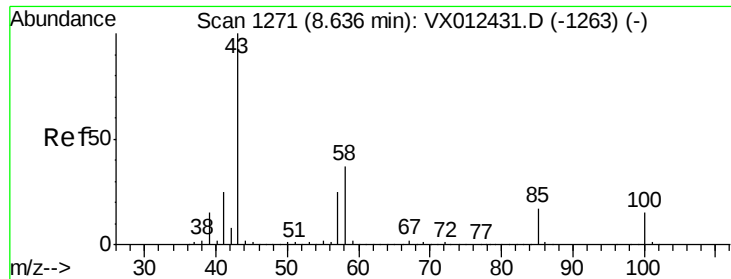
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.028 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

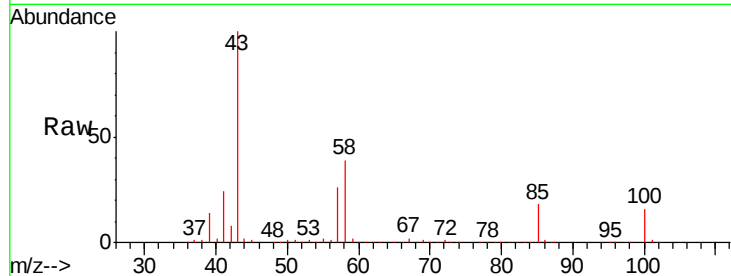
VX0927WBS01

Tgt Ion: 43 Resp: 384164

Ion Ratio Lower Upper

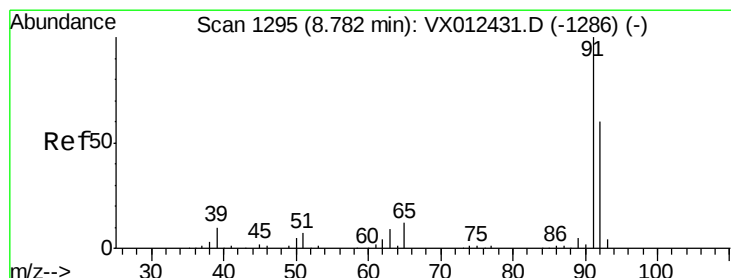
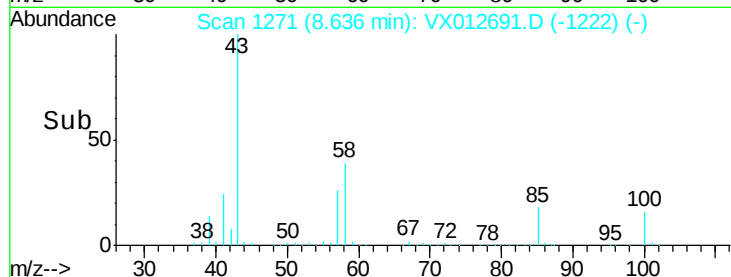
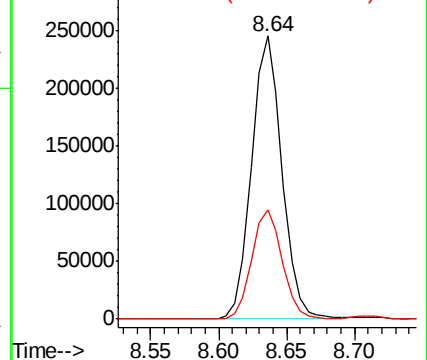
43 100

58 38.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.565 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012691.D

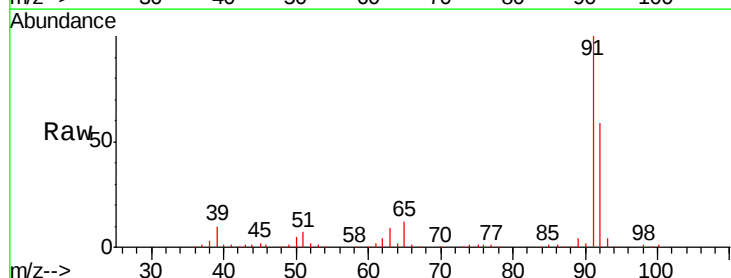
Acq: 27 Sep 2019 12:05

Tgt Ion: 92 Resp: 118652

Ion Ratio Lower Upper

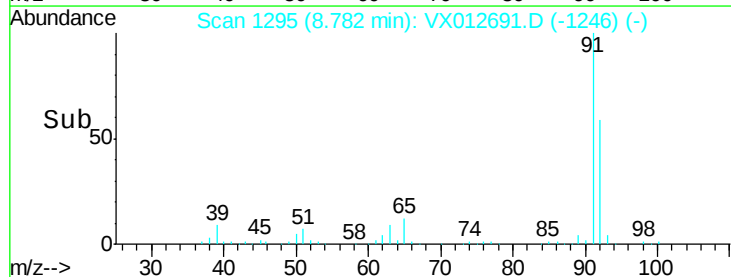
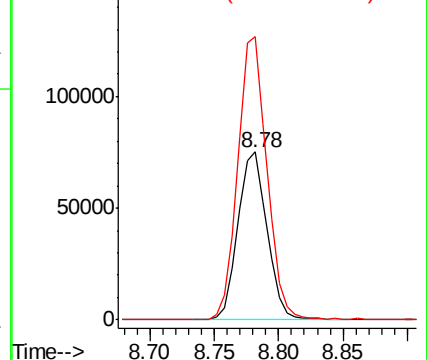
92 100

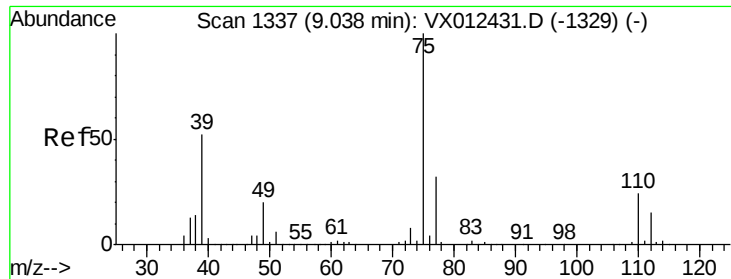
91 169.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

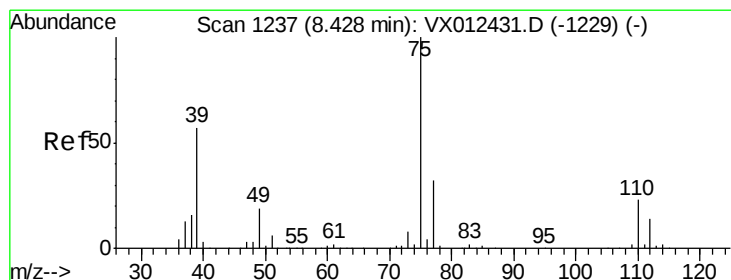
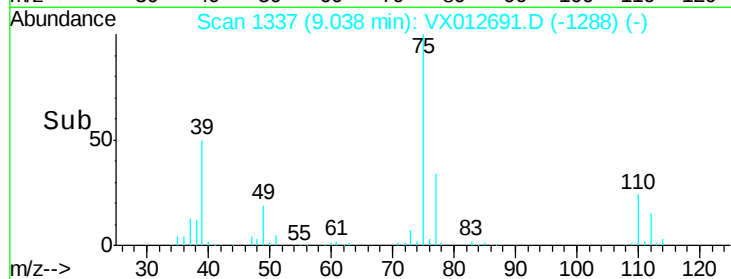
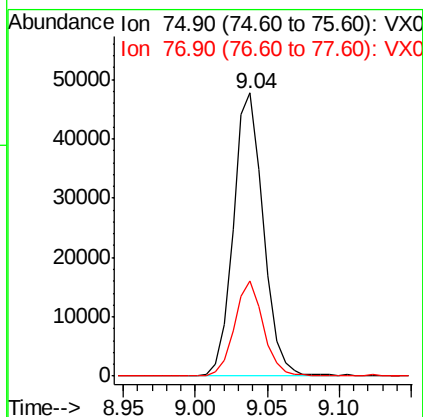
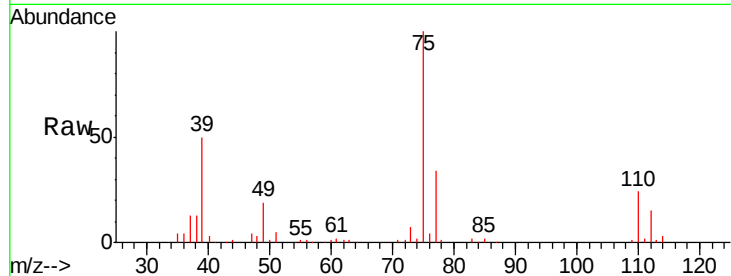




#53
t-1,3-Dichloropropene
Concen: 19.582 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

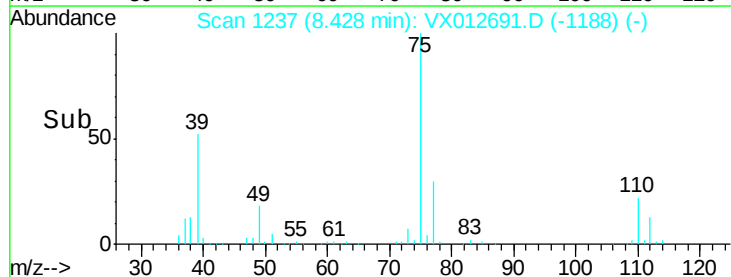
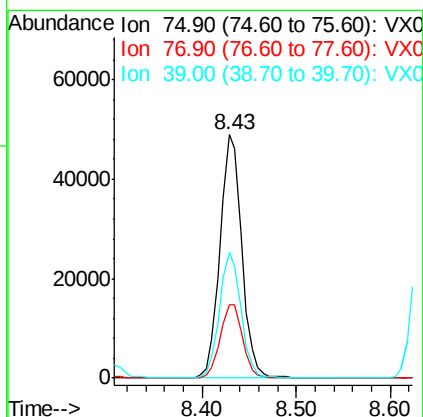
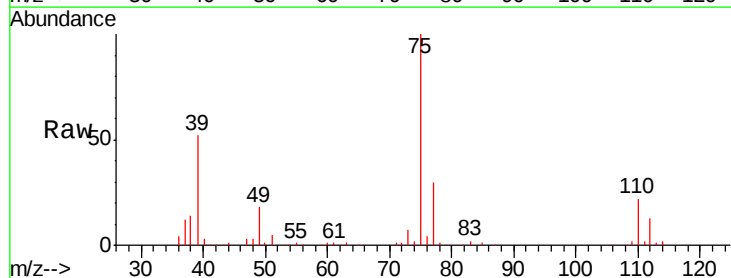
Instrument :
MSVOA_X
ClientSampled :
VX0927WBS01

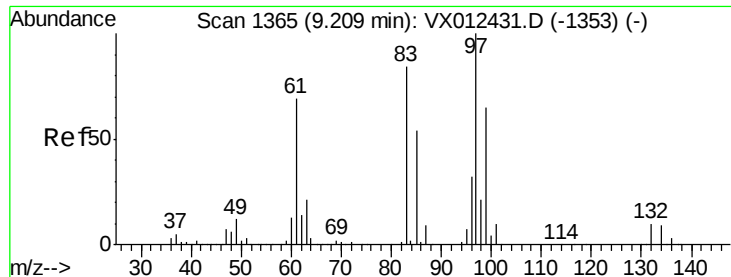
Tgt Ion: 75 Resp: 69288
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.349 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 75 Resp: 78617
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8
39 51.7 45.5 68.3

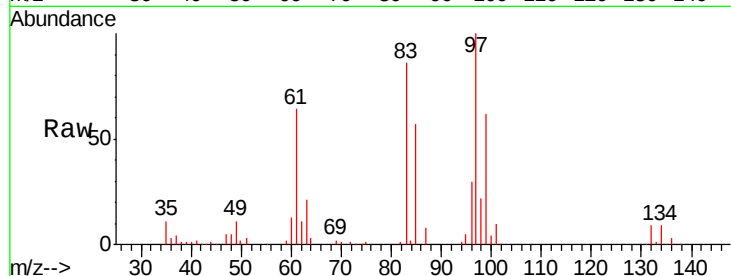




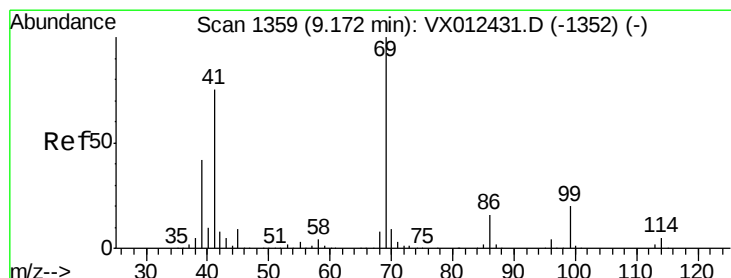
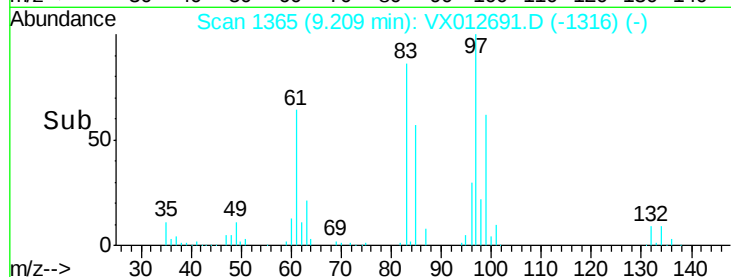
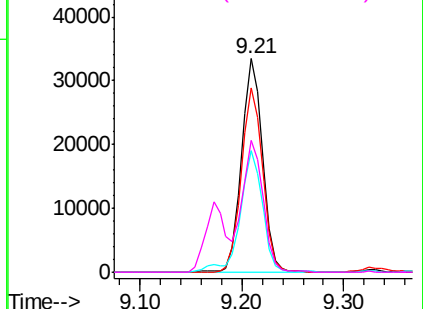
#55
 1,1,2-Trichloroethane
 Concen: 20.711 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tgt Ion:	97	Resp:	47507
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	56.9	43.5	65.3
99	61.9	51.8	77.8

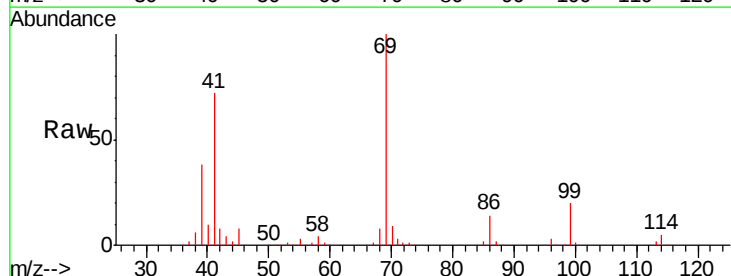


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

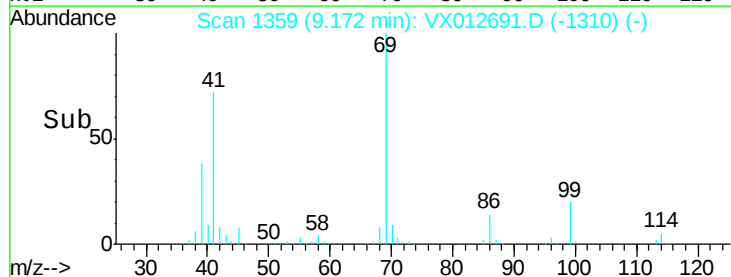
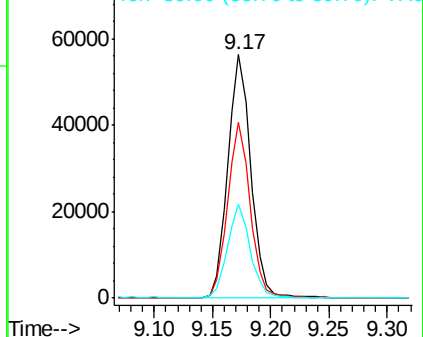


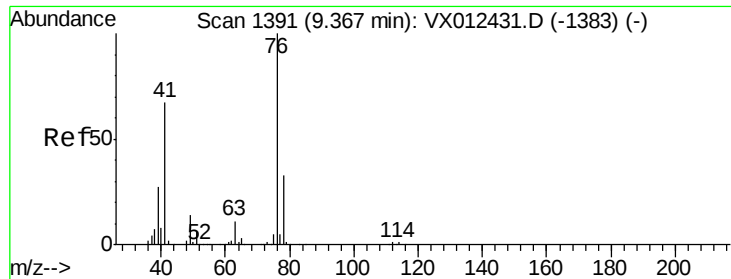
#56
 Ethyl methacrylate
 Concen: 20.219 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:	69	Resp:	77915
Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.4	87.6
39	37.7	33.4	50.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.964 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

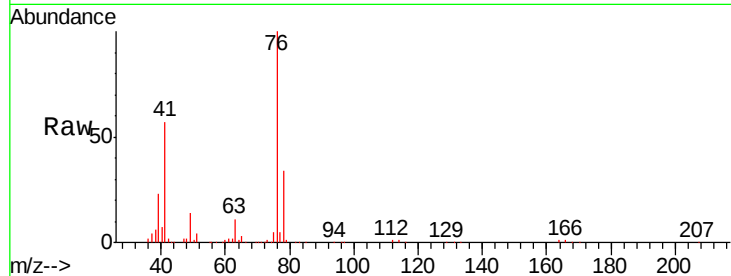
VX0927WBS01

Tgt Ion: 76 Resp: 84161

Ion Ratio Lower Upper

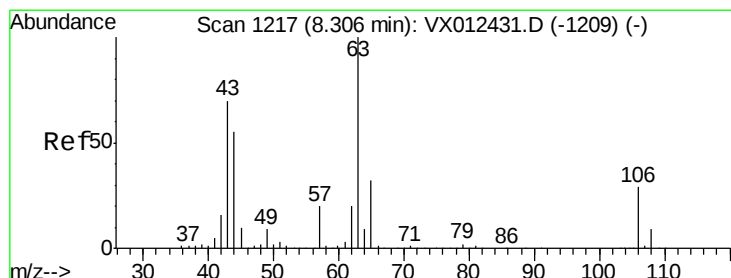
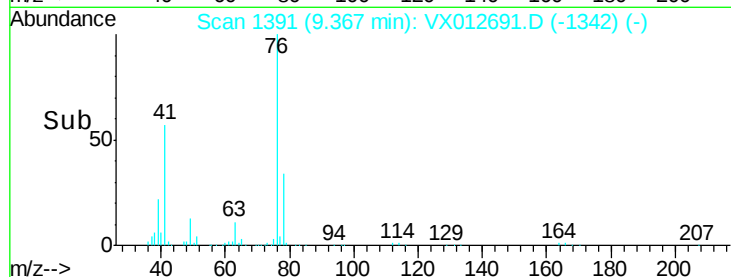
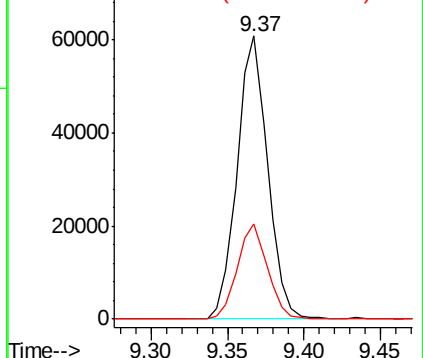
76 100

78 33.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.880 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012691.D

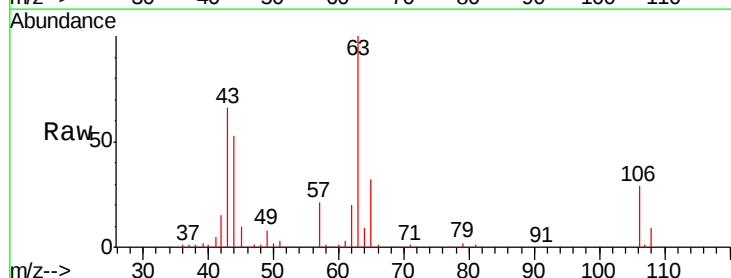
Acq: 27 Sep 2019 12:05

Tgt Ion: 63 Resp: 188337

Ion Ratio Lower Upper

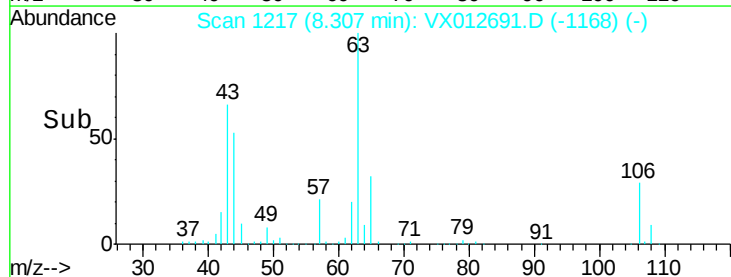
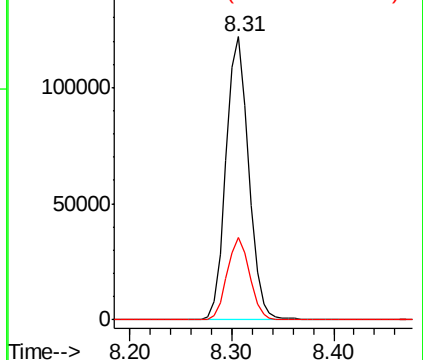
63 100

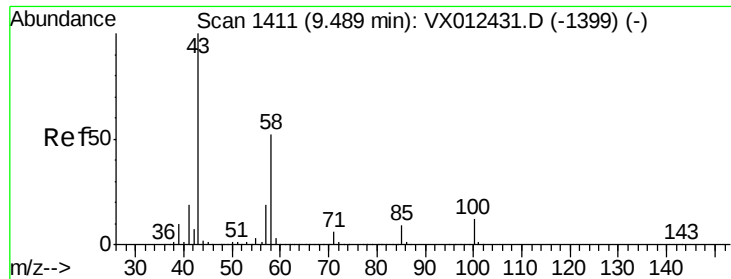
106 28.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

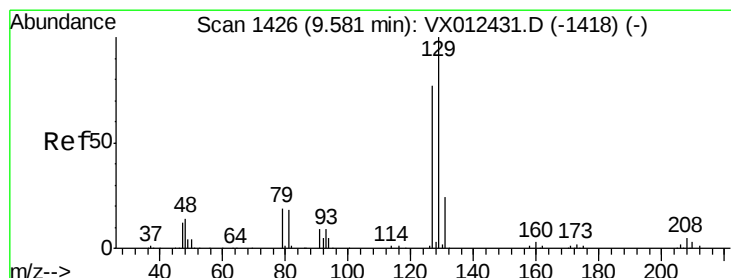
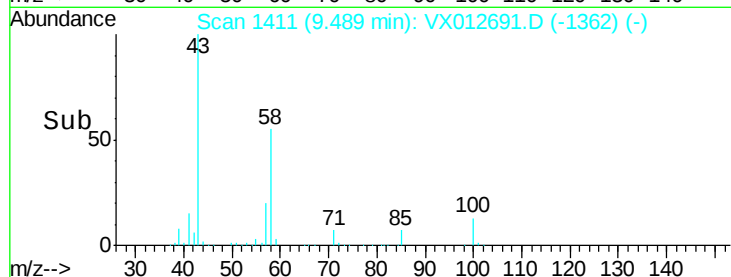
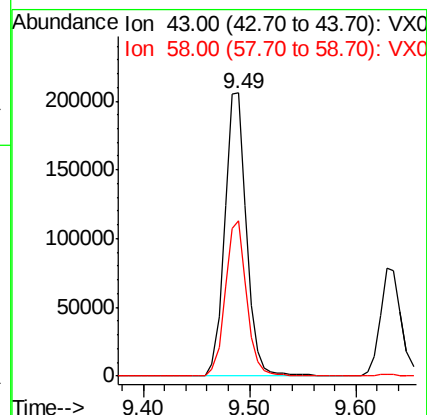
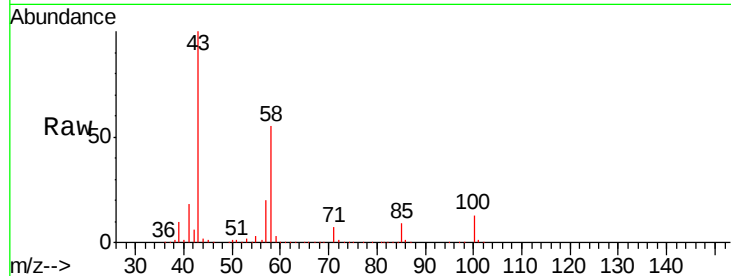




#59
2-Hexanone
Concen: 101.826 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

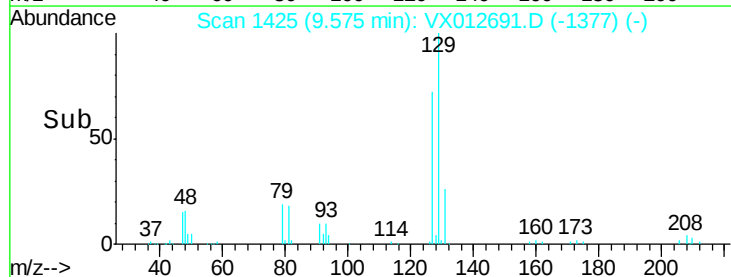
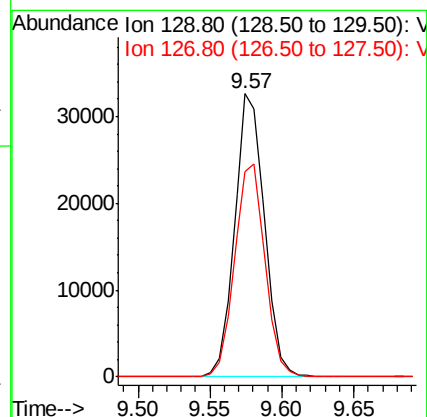
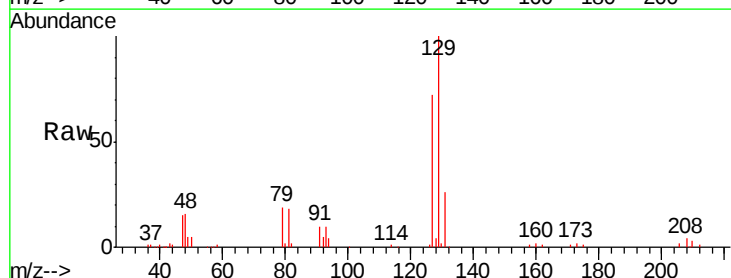
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

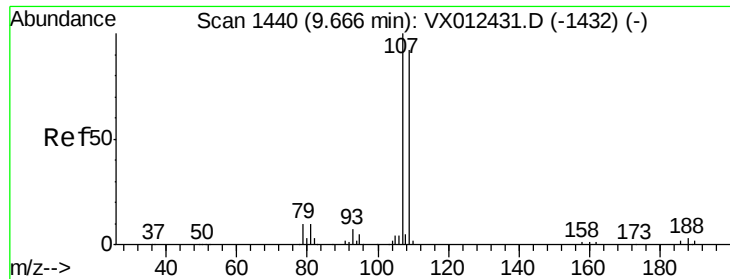
Tgt Ion: 43 Resp: 293472
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1



#60
Dibromochloromethane
Concen: 20.301 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 129 Resp: 47139
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.201 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

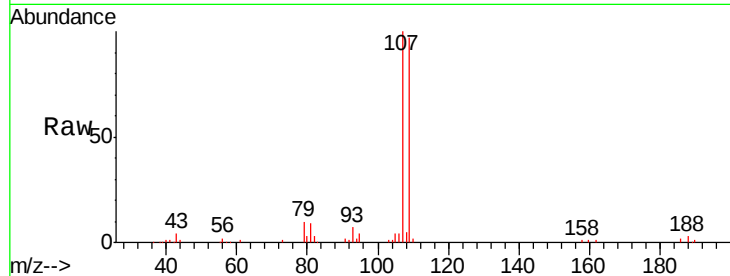
VX0927WBS01

Tgt Ion: 107 Resp: 50611

Ion Ratio Lower Upper

107 100

109 94.9 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

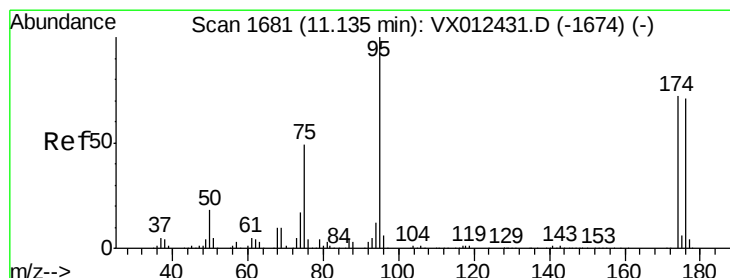
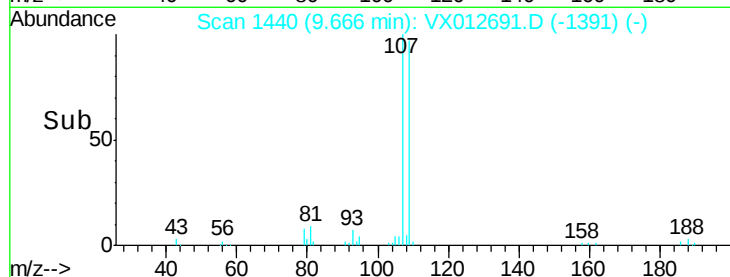
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 52.258 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

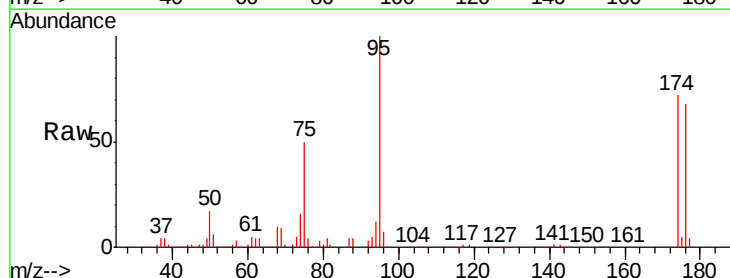
Tgt Ion: 95 Resp: 152539

Ion Ratio Lower Upper

95 100

174 67.8 0.0 140.0

176 64.6 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

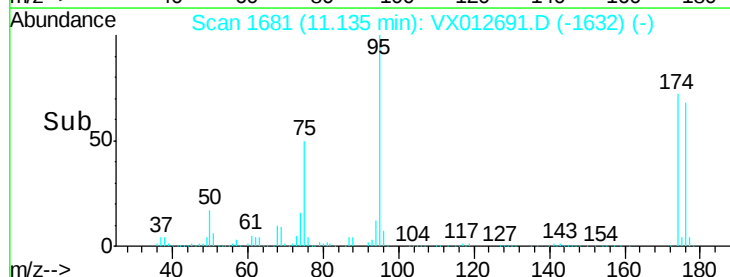
100000

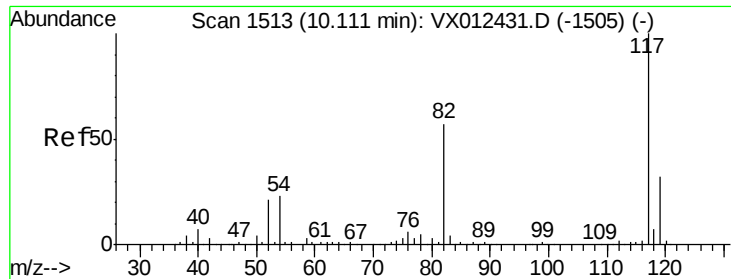
50000

0

11.10 11.20

Time-->

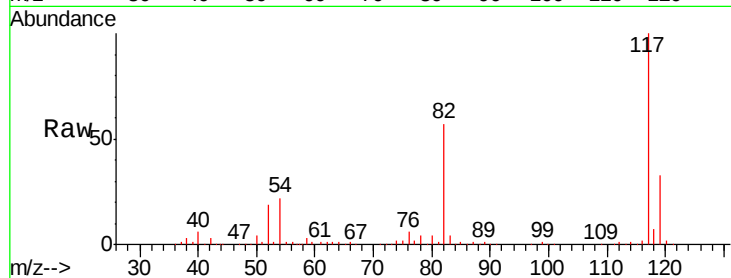




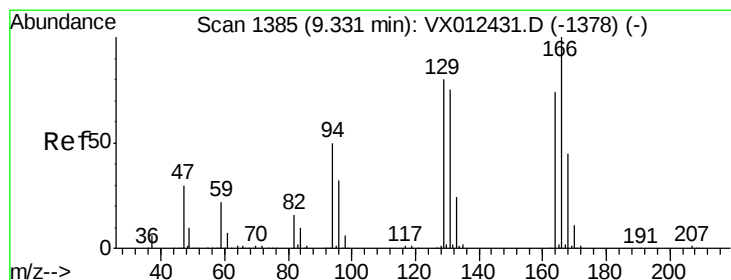
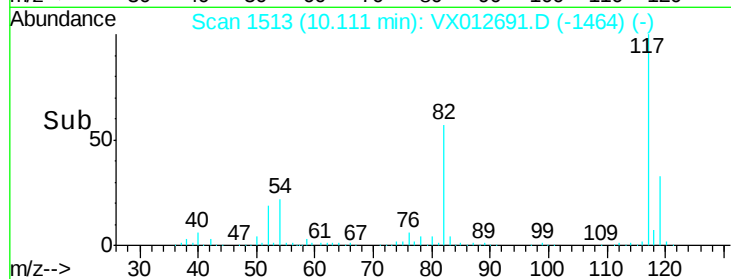
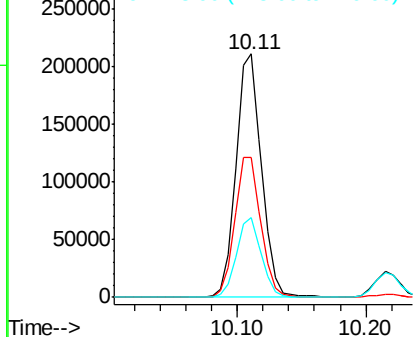
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:117 Resp: 289917
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.7 25.3 37.9

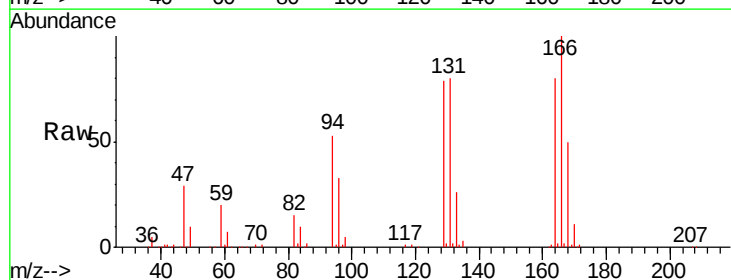


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

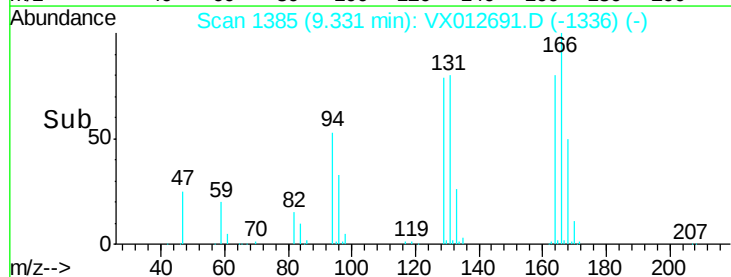
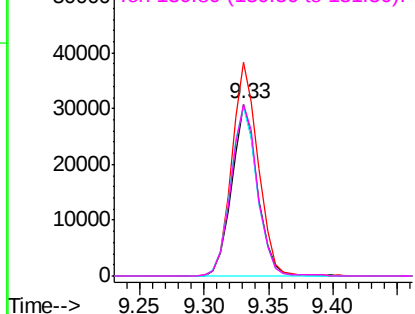


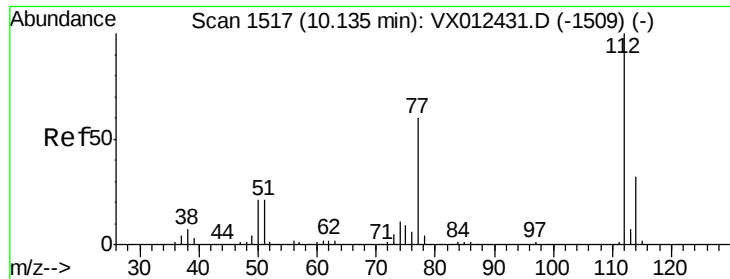
#64
Tetrachloroethene
Concen: 21.144 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:164 Resp: 42740
Ion Ratio Lower Upper
164 100
166 124.3 107.8 161.6
129 98.6 86.2 129.2
131 99.7 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.981 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

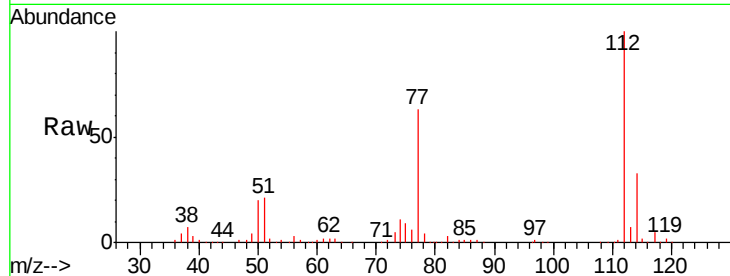
VX0927WBS01

Tgt Ion:112 Resp: 121983

Ion Ratio Lower Upper

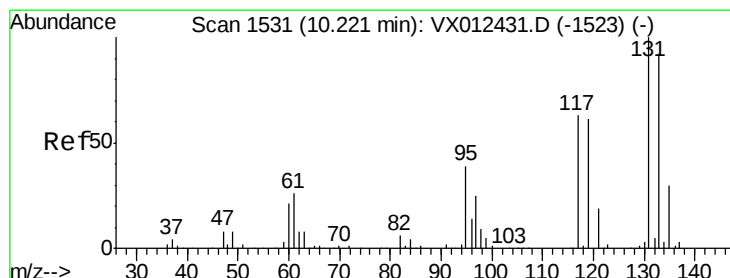
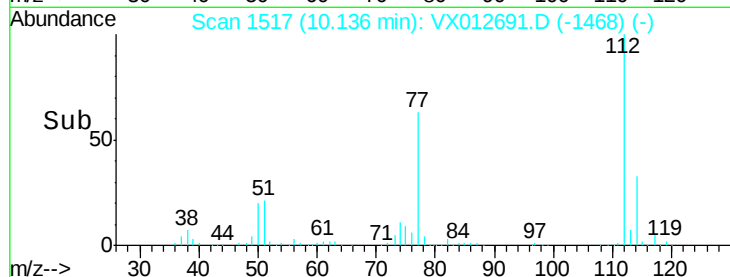
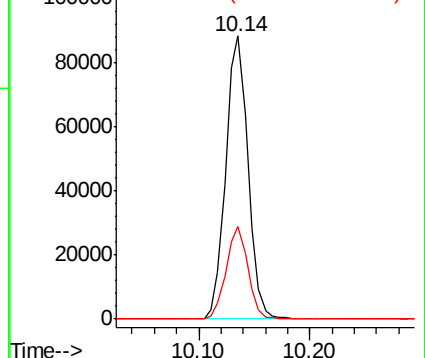
112 100

114 32.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.379 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

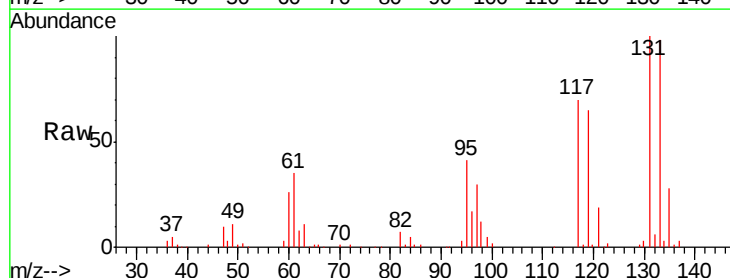
Tgt Ion:131 Resp: 45078

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

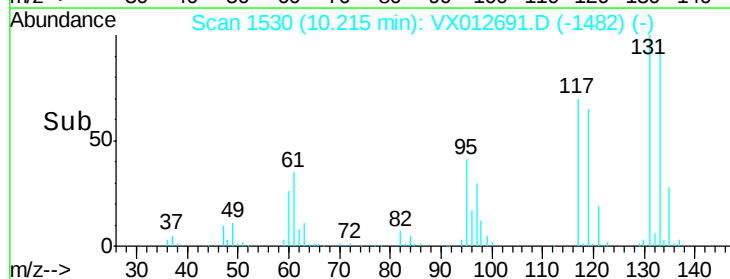
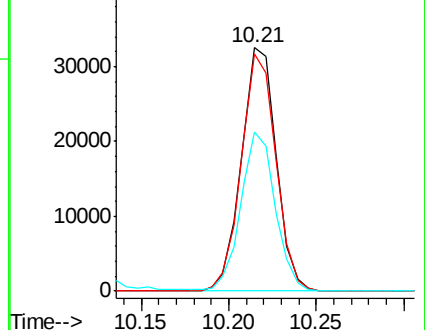
119 64.7 31.3 93.8

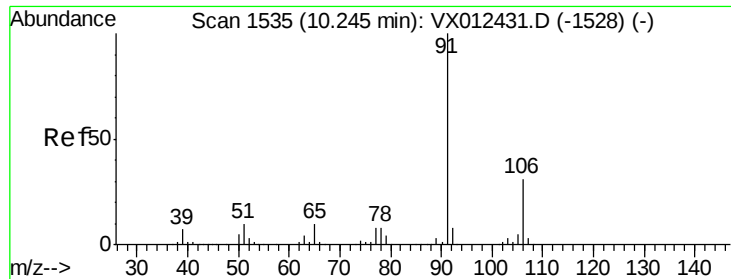


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.667 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

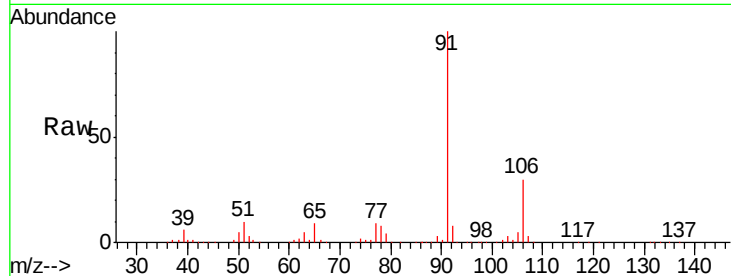
VX0927WBS01

Tgt Ion: 91 Resp: 228840

Ion Ratio Lower Upper

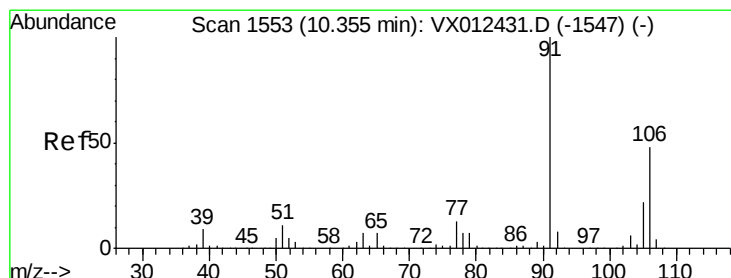
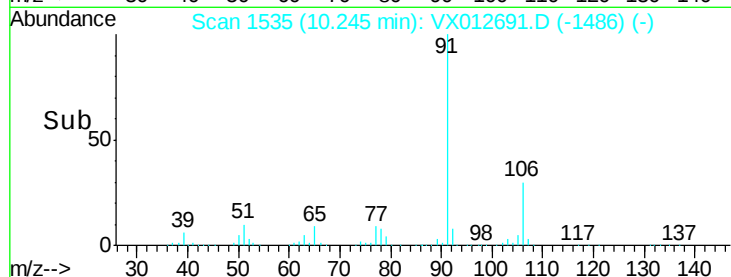
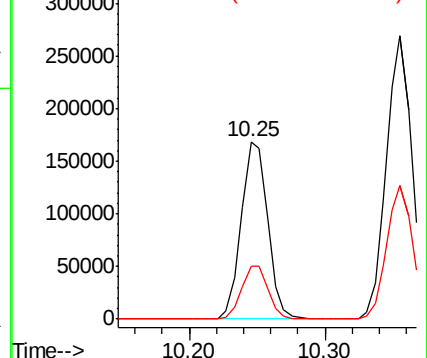
91 100

106 30.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.171 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012691.D

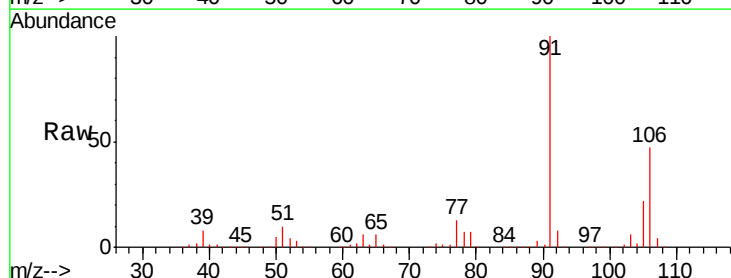
Acq: 27 Sep 2019 12:05

Tgt Ion: 106 Resp: 170777

Ion Ratio Lower Upper

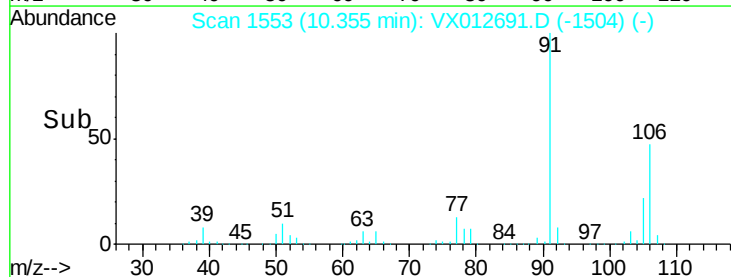
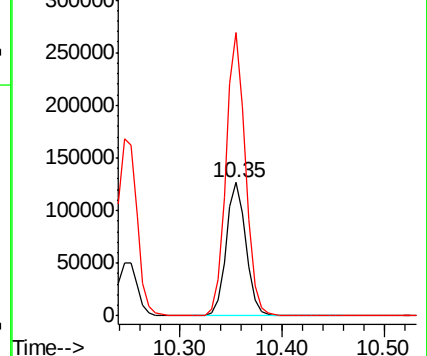
106 100

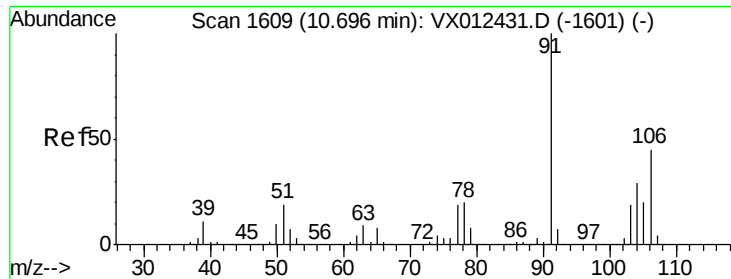
91 208.9 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

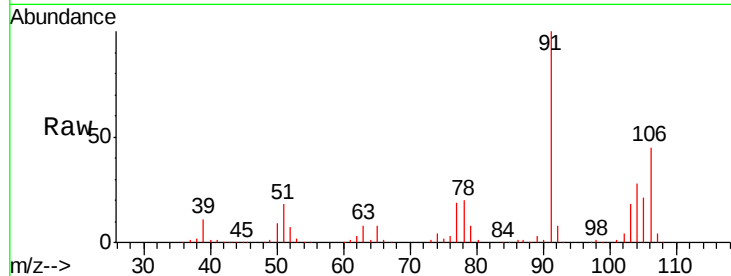




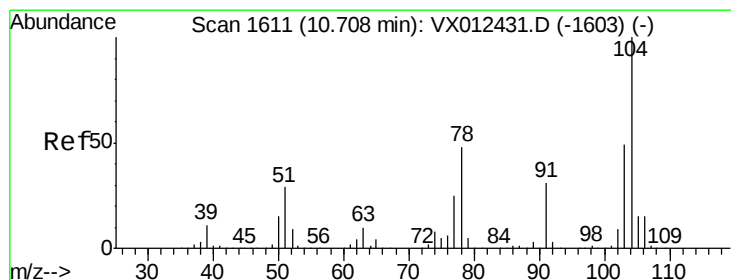
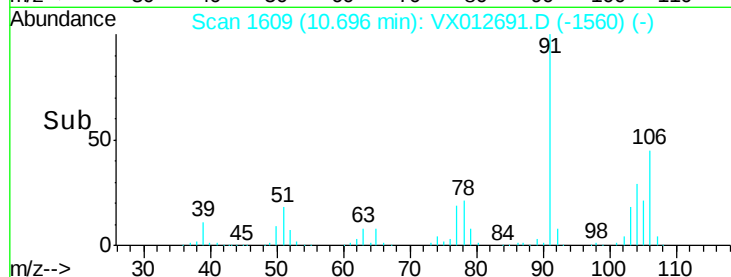
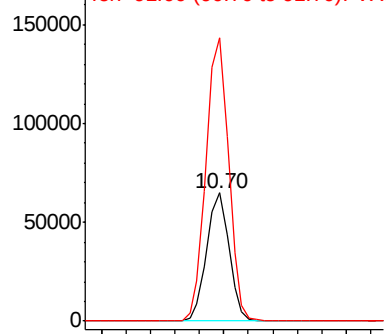
#69
o-Xylene
Concen: 20.575 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:106 Resp: 82581
Ion Ratio Lower Upper
106 100
91 222.1 109.4 328.2

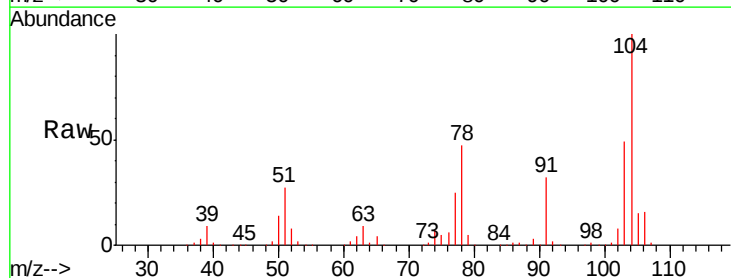


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

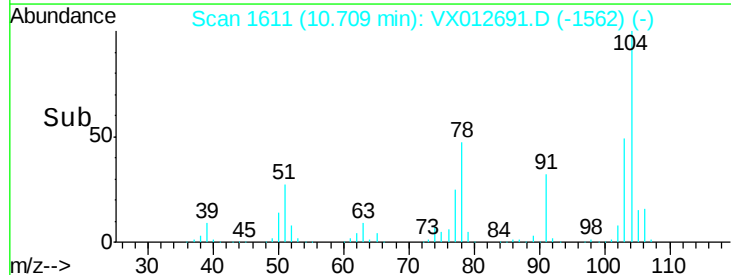
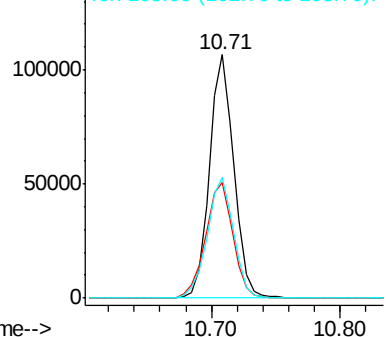


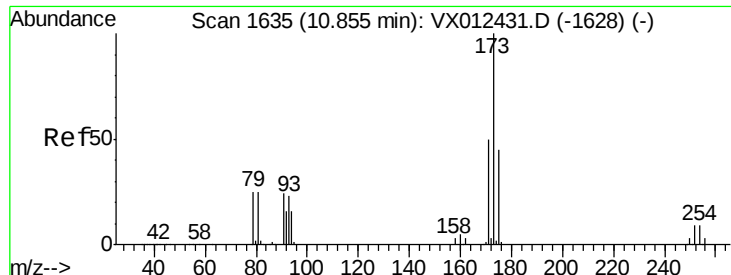
#70
Styrene
Concen: 20.696 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion:104 Resp: 139257
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 53.9 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.855 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

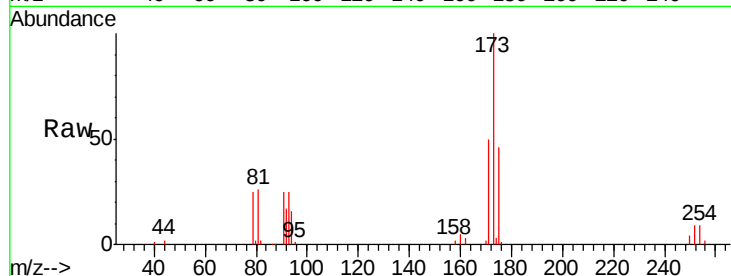
Tgt Ion:173 Resp: 30582

Ion Ratio Lower Upper

173 100

175 45.5 23.7 71.1

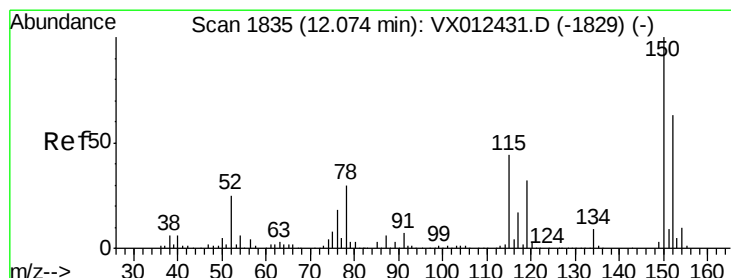
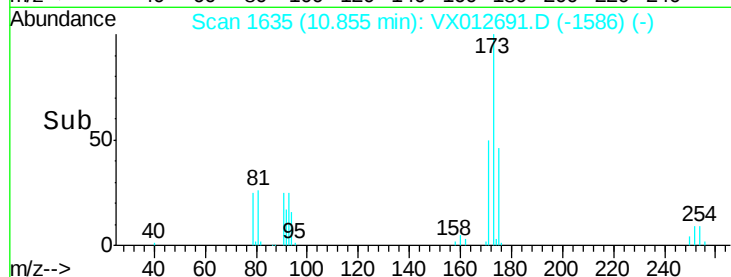
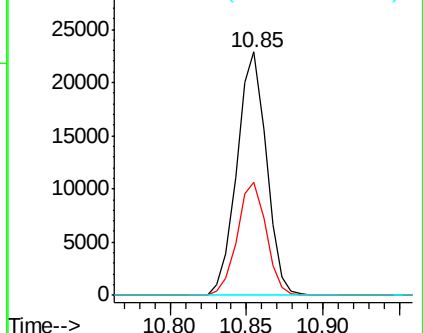
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

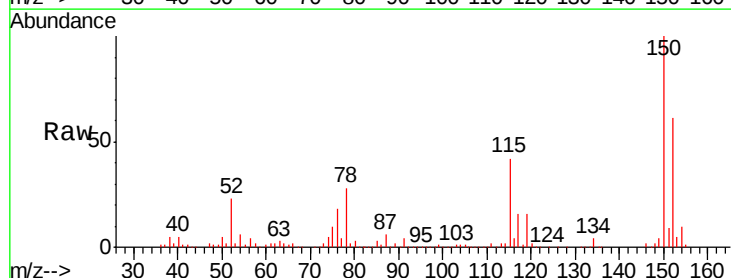
Tgt Ion:152 Resp: 130872

Ion Ratio Lower Upper

152 100

115 75.8 44.1 132.3

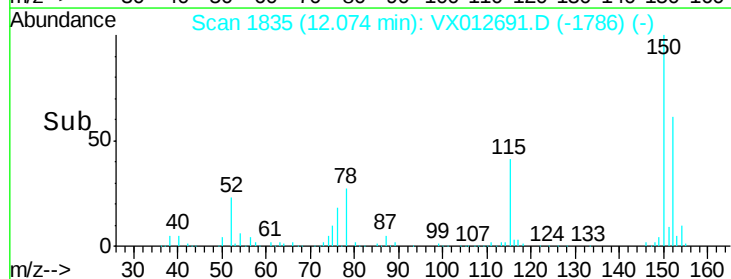
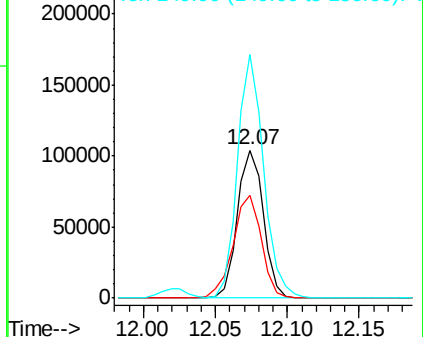
150 166.1 0.0 343.8

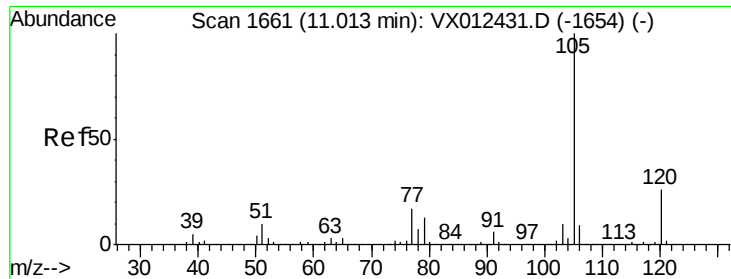


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.013 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

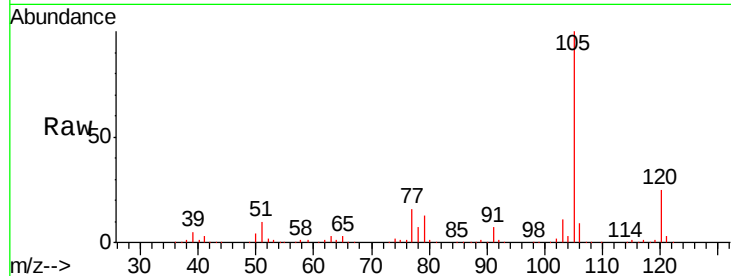
VX0927WBS01

Tgt Ion: 105 Resp: 223979

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

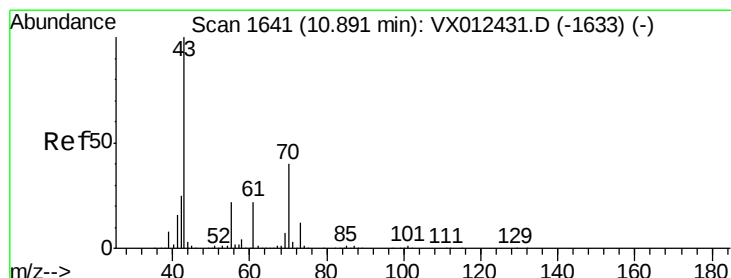
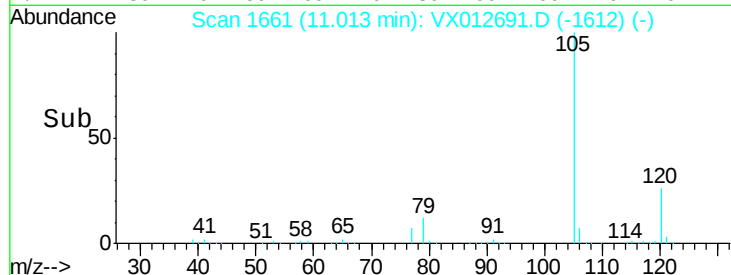
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.771 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Tgt Ion: 43 Resp: 100538

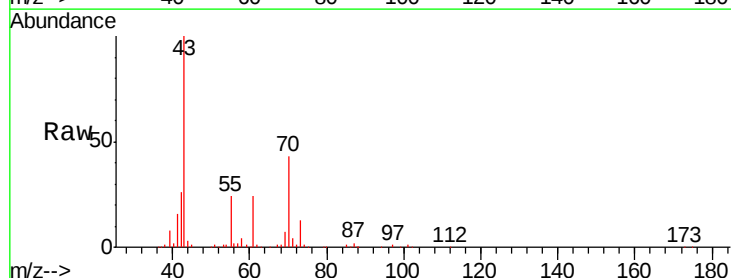
Ion Ratio Lower Upper

43 100

70 42.5 32.4 48.6

55 24.5 18.2 27.4

61 24.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

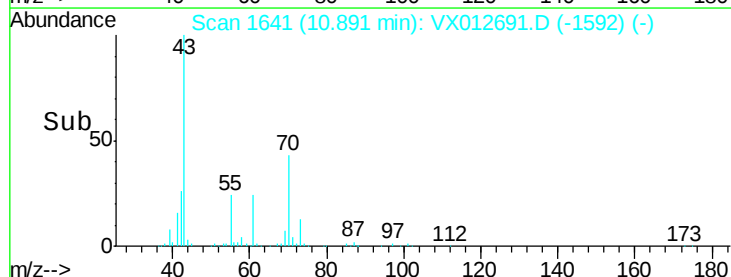
Ion 61.00 (60.70 to 61.70): VX0

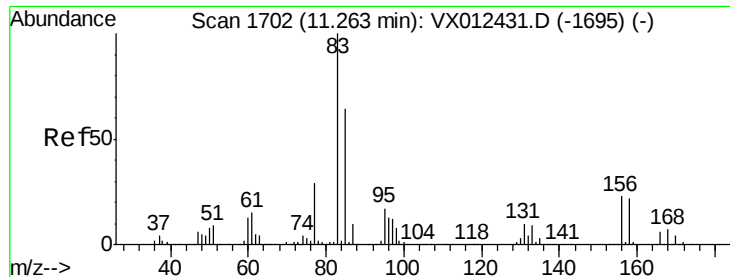
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 20.903 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

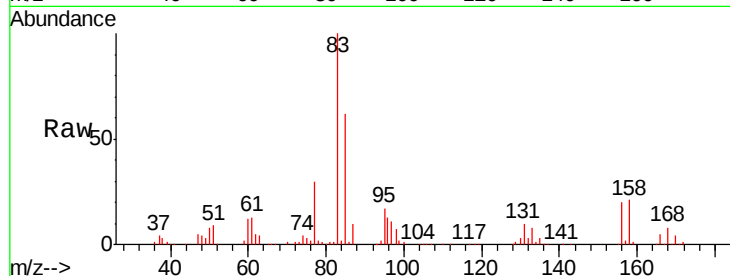
Tgt Ion: 83 Resp: 73791

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

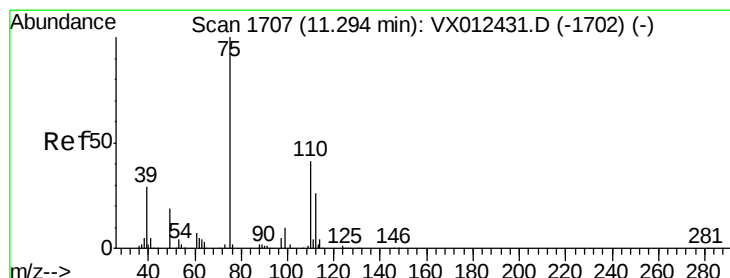
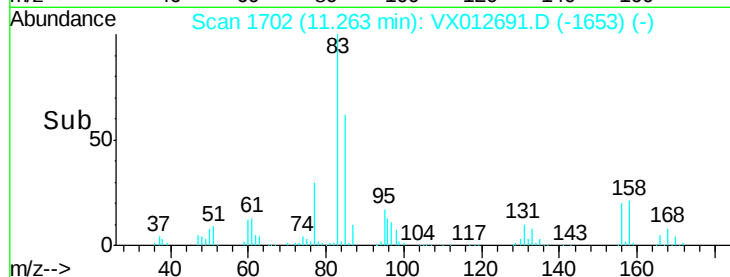
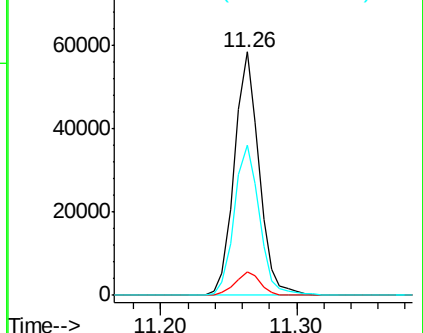
85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.777 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012691.D

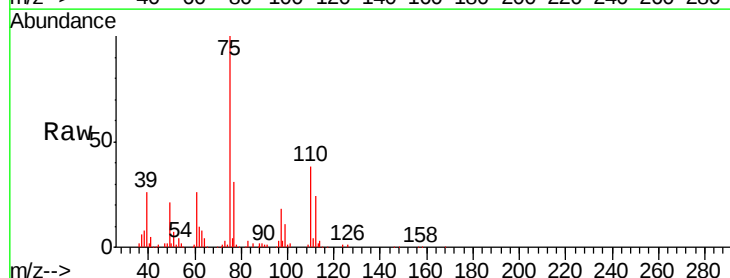
Acq: 27 Sep 2019 12:05

Tgt Ion: 75 Resp: 85774

Ion Ratio Lower Upper

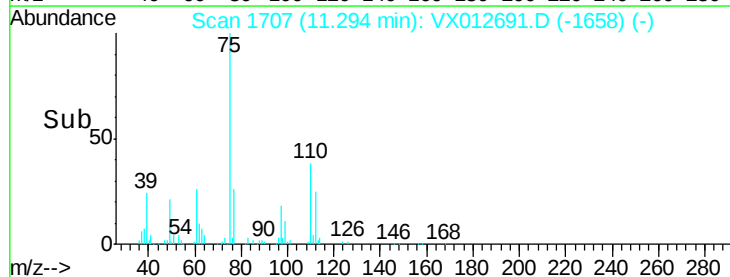
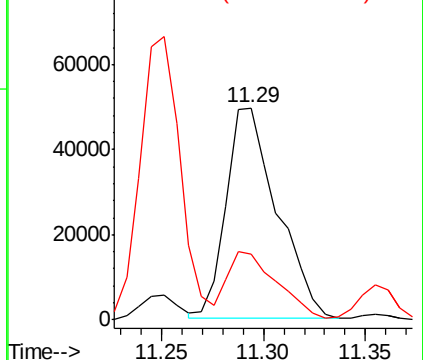
75 100

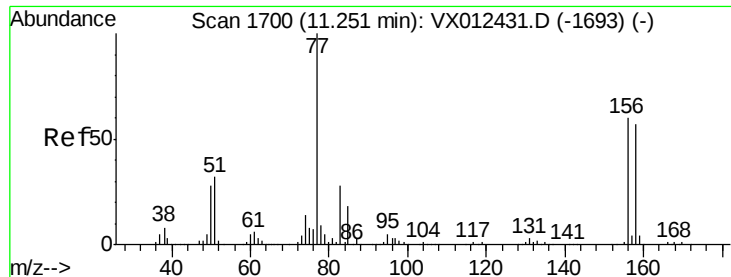
77 31.4 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.604 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS01

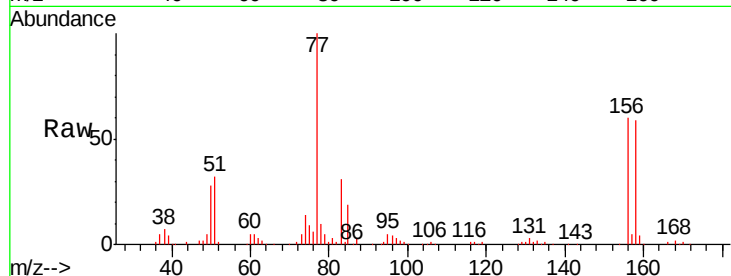
Tgt Ion:156 Resp: 49707

Ion Ratio Lower Upper

156 100

77 182.6 87.3 261.8

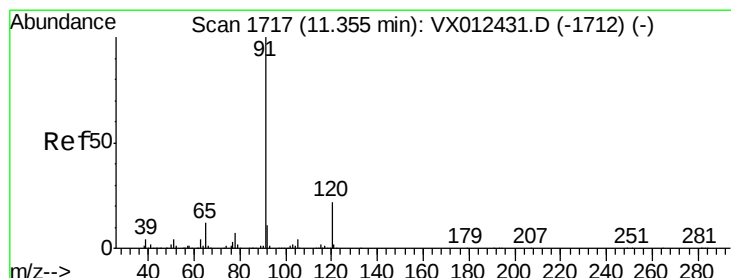
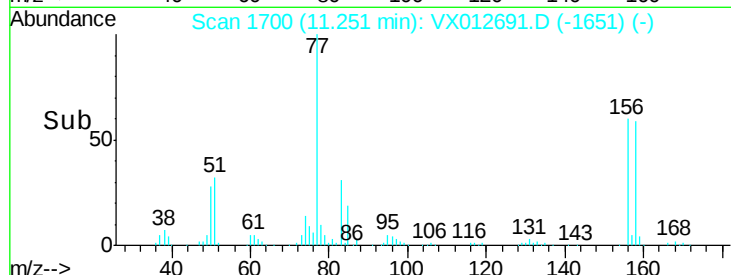
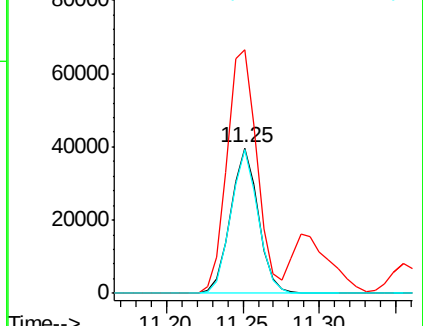
158 97.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.584 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012691.D

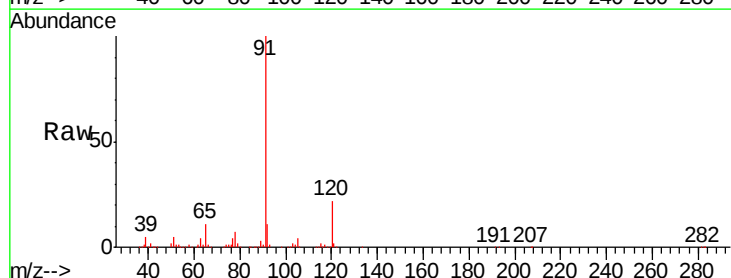
Acq: 27 Sep 2019 12:05

Tgt Ion: 91 Resp: 247018

Ion Ratio Lower Upper

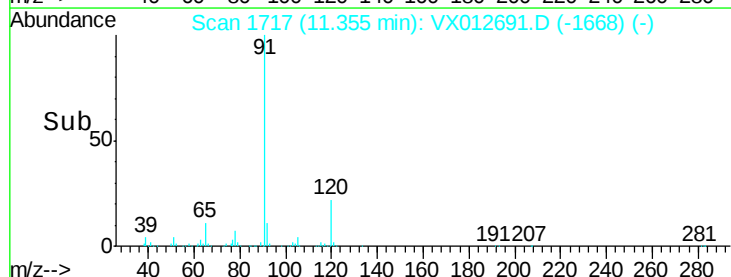
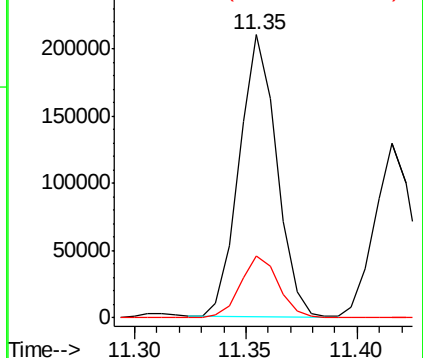
91 100

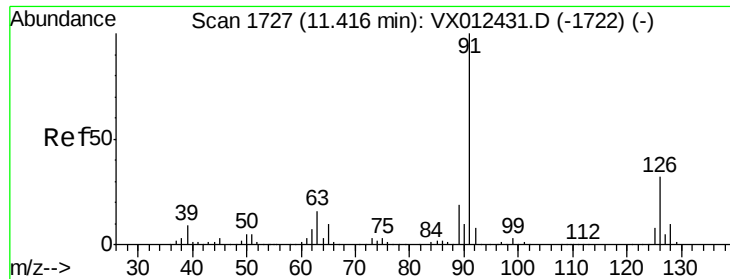
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

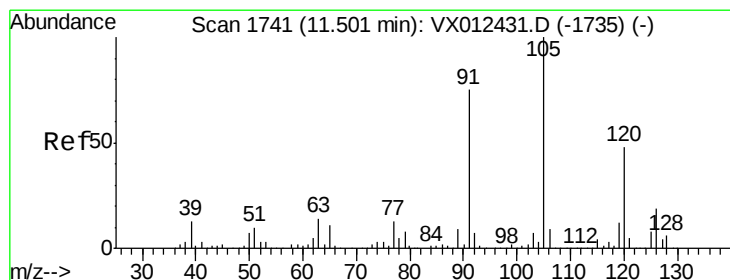
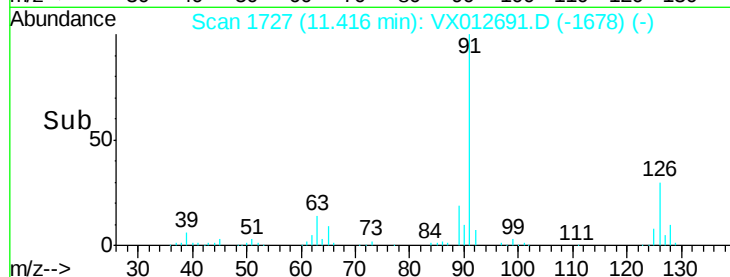
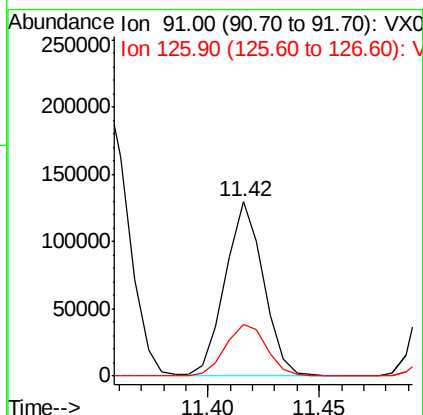
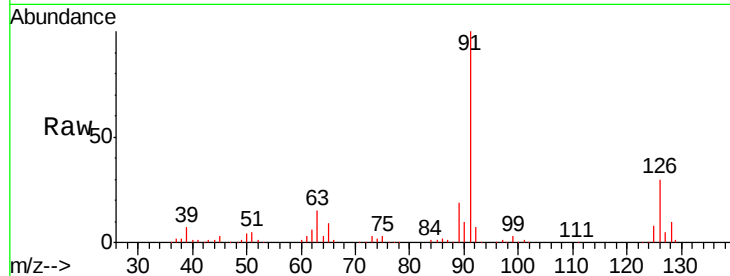




#79
 2-Chlorotoluene
 Concen: 20.560 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

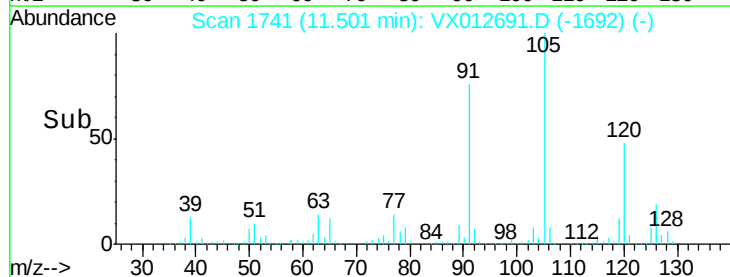
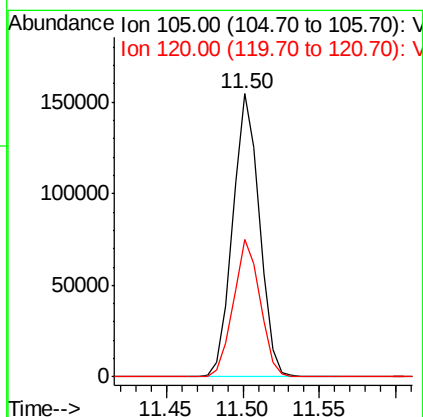
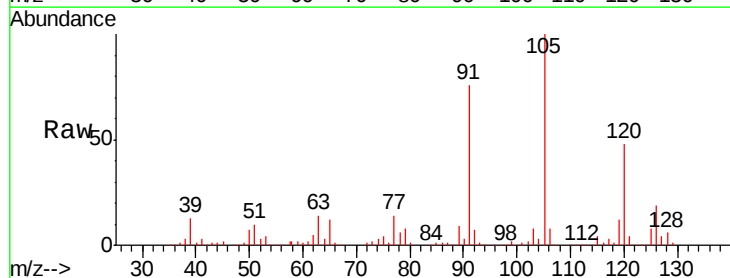
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

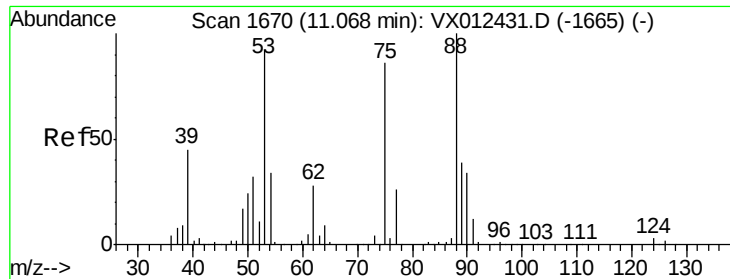
Tgt Ion: 91 Resp: 153909
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.878 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion: 105 Resp: 186615
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.231 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

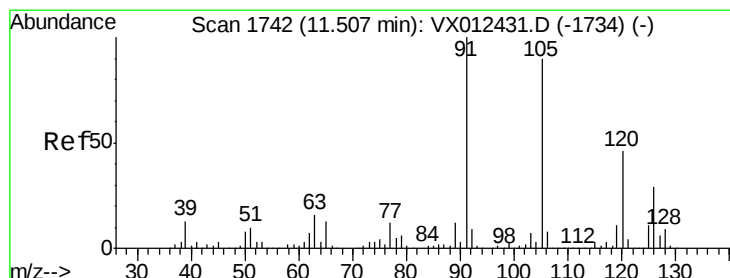
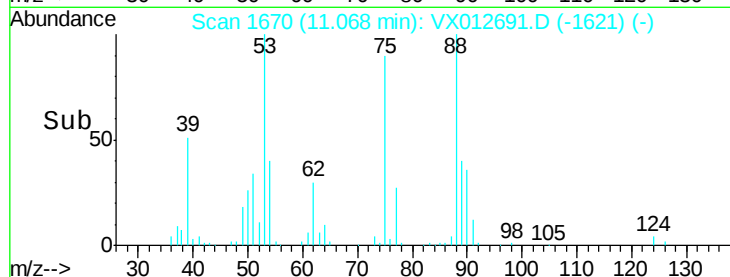
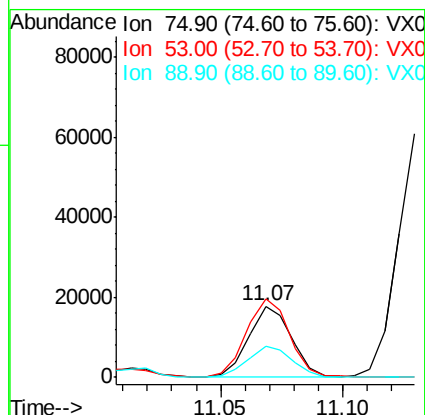
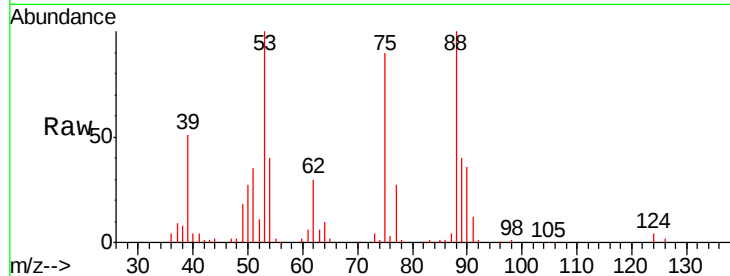
Tgt Ion: 75 Resp: 22023

Ion Ratio Lower Upper

75 100

53 110.9 83.6 125.4

89 45.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.668 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012691.D

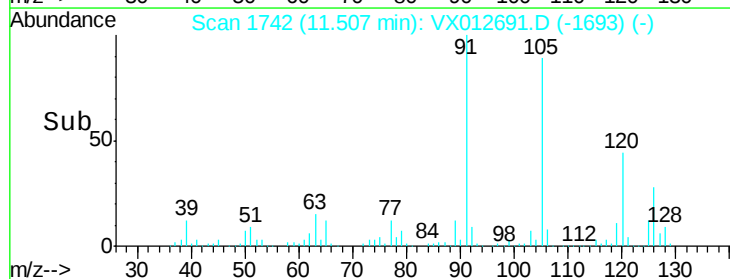
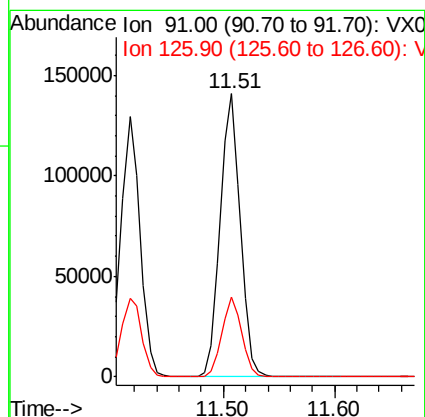
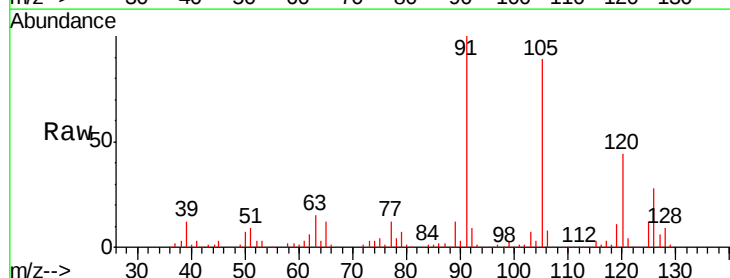
Acq: 27 Sep 2019 12:05

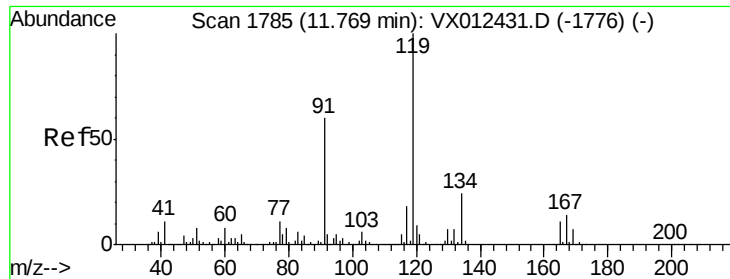
Tgt Ion: 91 Resp: 176371

Ion Ratio Lower Upper

91 100

126 27.5 14.4 43.0

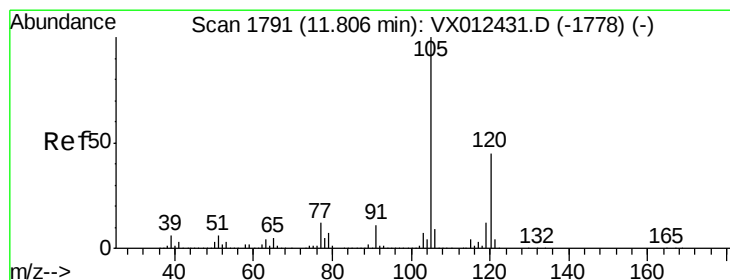
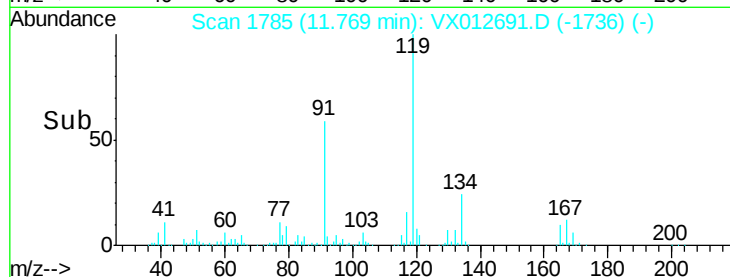
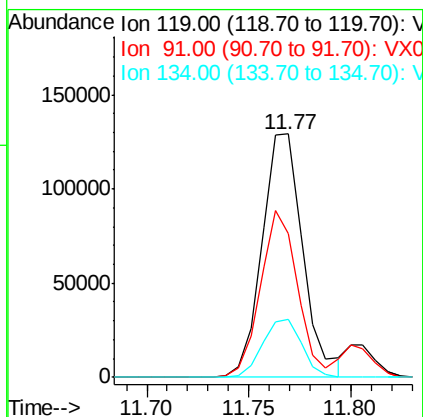
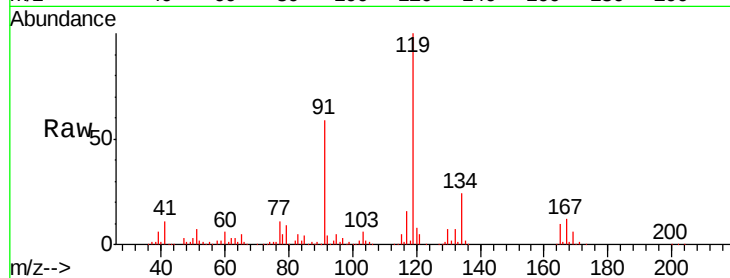




#83
 tert-Butylbenzene
 Concen: 20.940 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

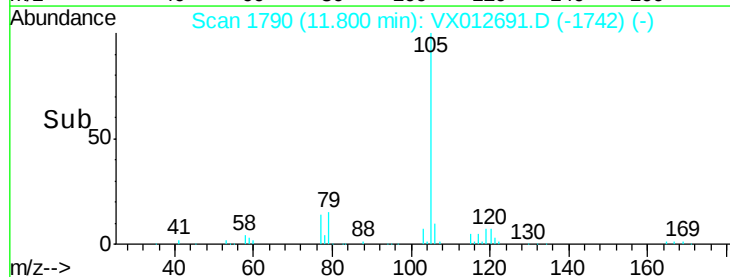
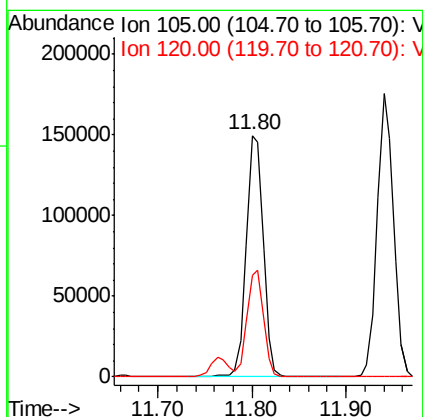
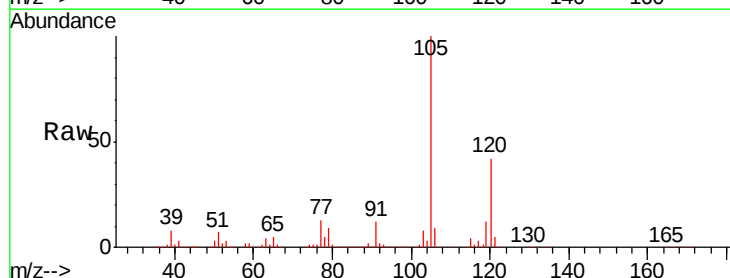
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

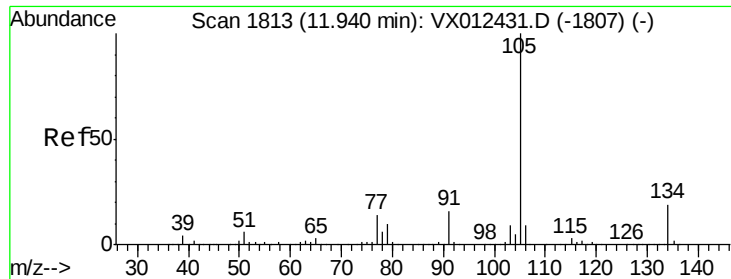
Tgt Ion:119 Resp: 180550
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.0 90.0
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.008 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:105 Resp: 189425
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.2 66.6

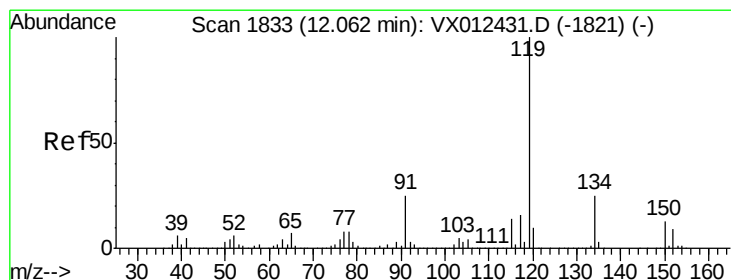
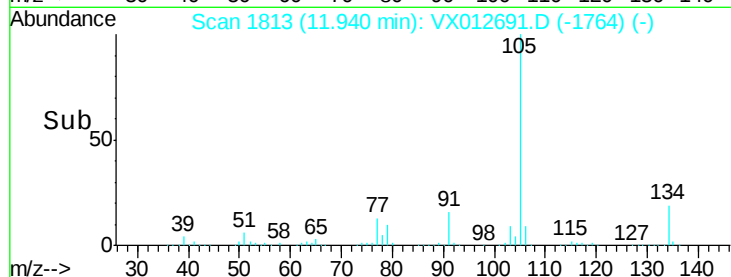
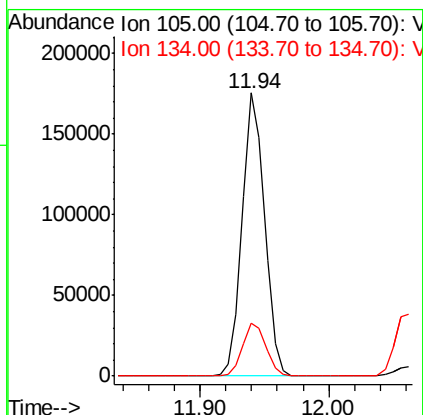
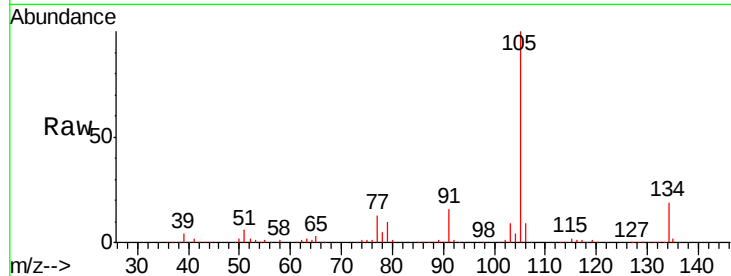




#85
 sec-Butylbenzene
 Concen: 21.091 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

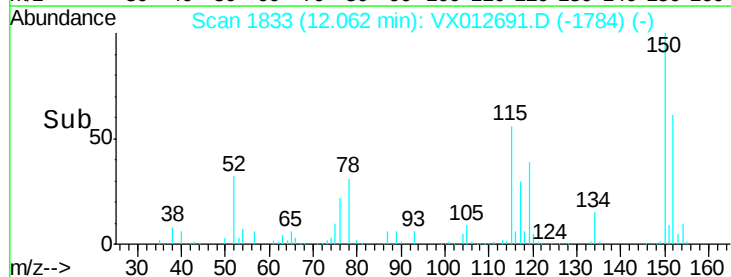
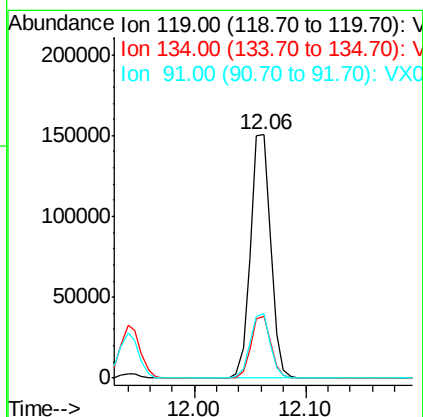
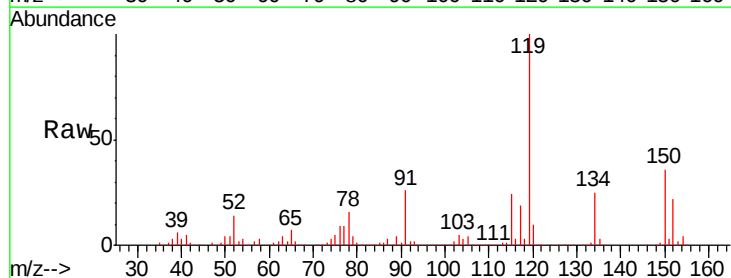
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

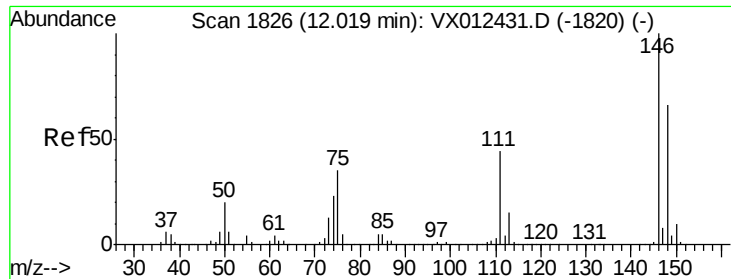
Tgt Ion:105 Resp: 211518
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.006 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:119 Resp: 190091
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 26.0 12.8 38.4

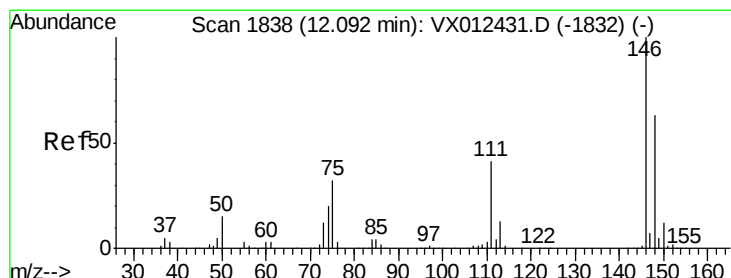
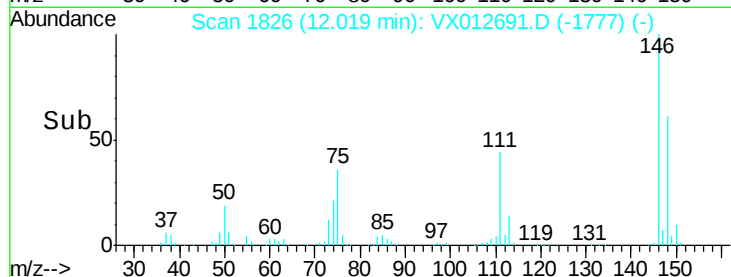
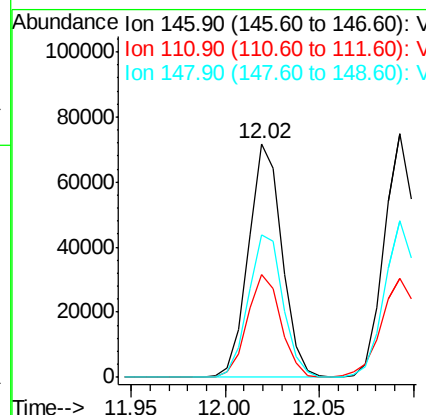
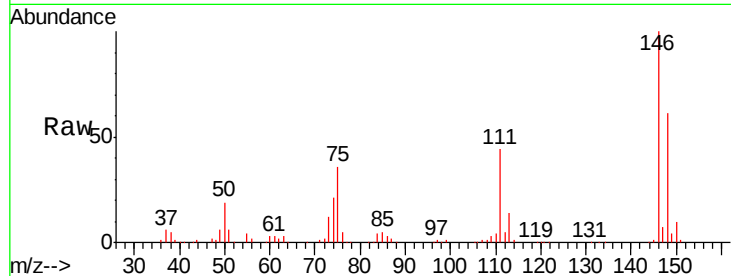




#87
 1,3-Dichlorobenzene
 Concen: 20.379 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

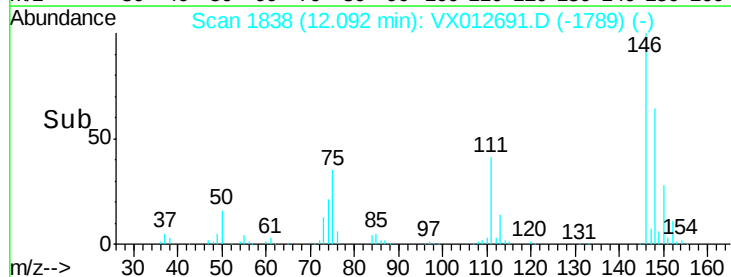
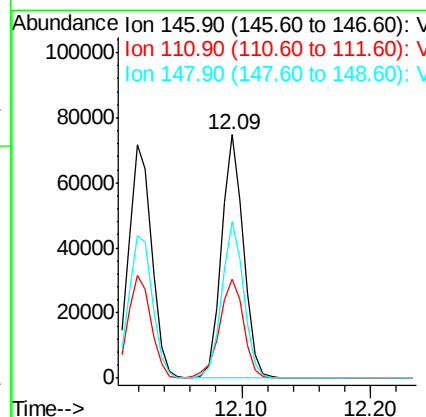
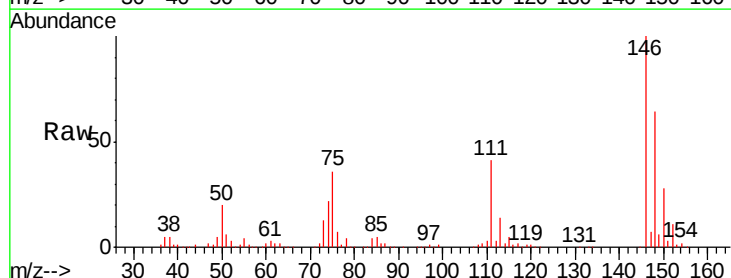
Instrument :
 MSVOA_X
 ClientSampled :
 VX0927WBS01

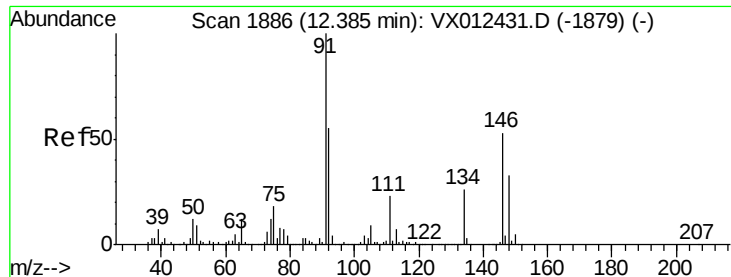
Tgt Ion:146 Resp: 88476
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.3 64.0
 148 63.2 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 20.469 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:146 Resp: 89799
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.1 63.3
 148 64.6 32.1 96.5

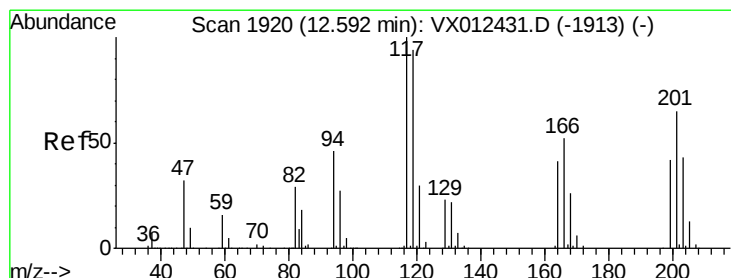
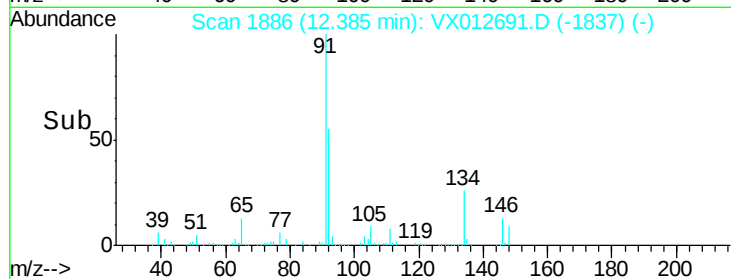
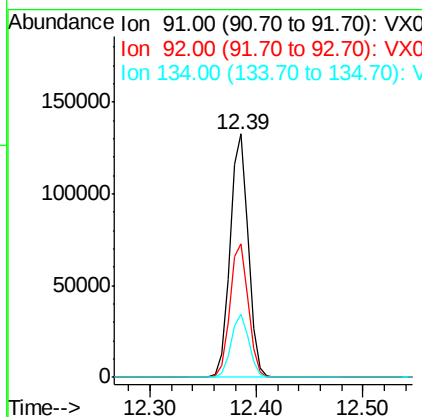
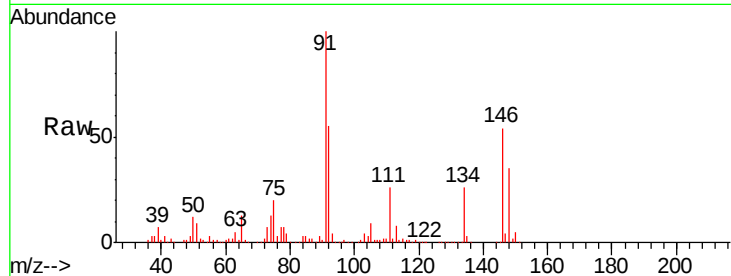




#89
n-Butylbenzene
Concen: 19.876 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

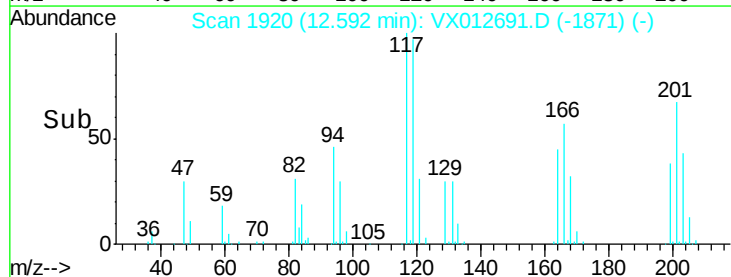
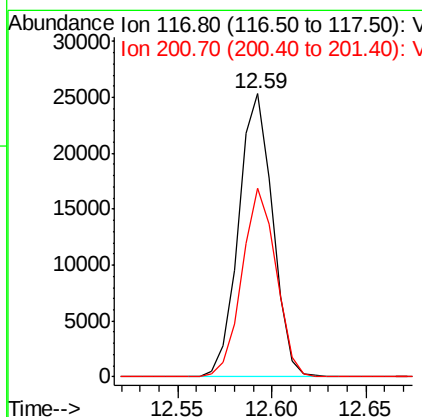
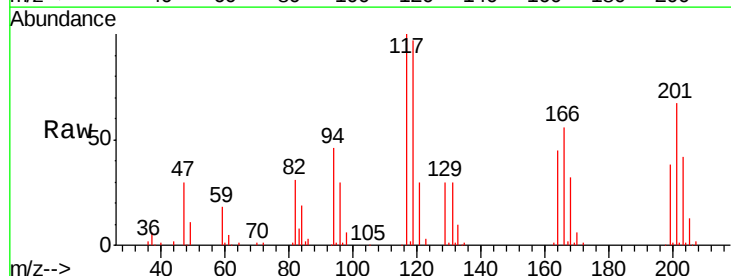
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

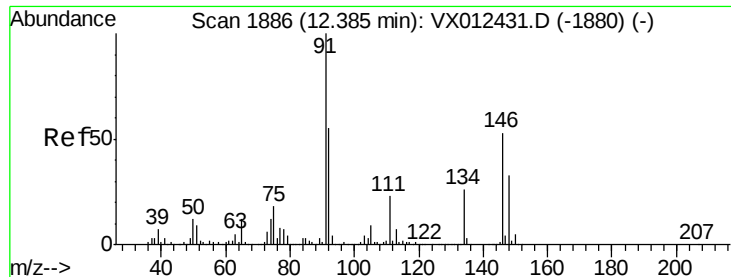
Tgt Ion: 91 Resp: 158496
Ion Ratio Lower Upper
91 100
92 55.4 27.7 83.0
134 25.5 12.9 38.6



#90
Hexachloroethane
Concen: 19.663 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012691.D
Acq: 27 Sep 2019 12:05

Tgt Ion: 117 Resp: 31723
Ion Ratio Lower Upper
117 100
201 66.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 20.571 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

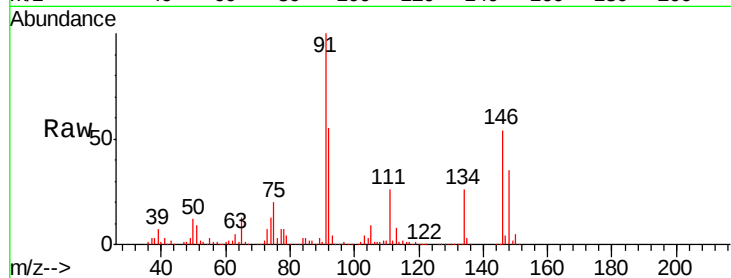
Tgt Ion:146 Resp: 89409

Ion Ratio Lower Upper

146 100

111 46.3 22.1 66.1

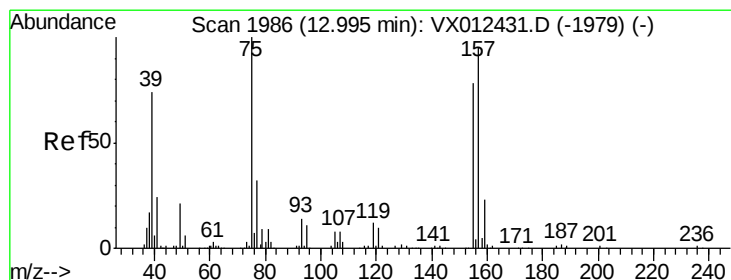
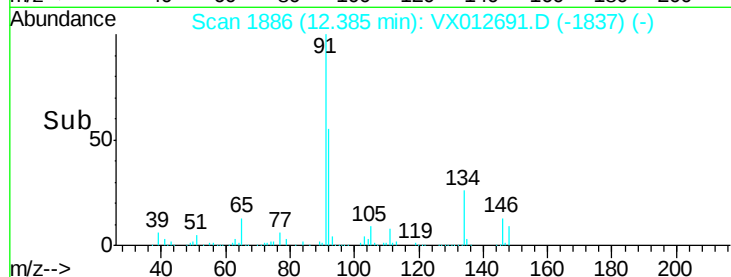
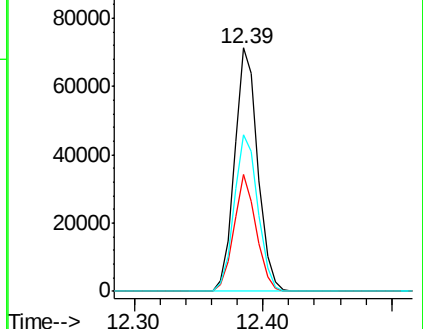
148 65.6 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.145 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

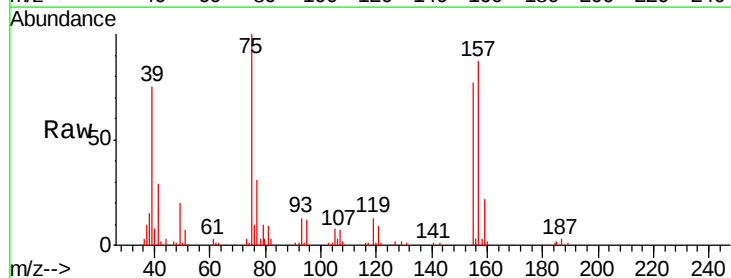
Tgt Ion: 75 Resp: 16906

Ion Ratio Lower Upper

75 100

155 76.8 38.6 115.8

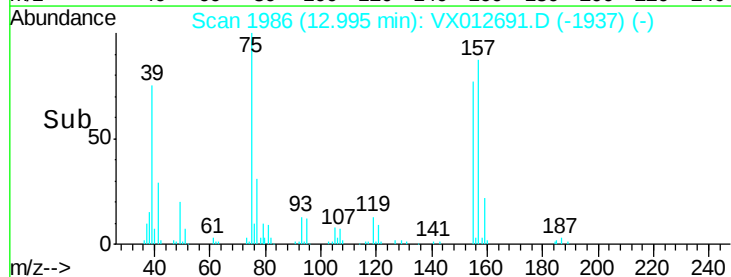
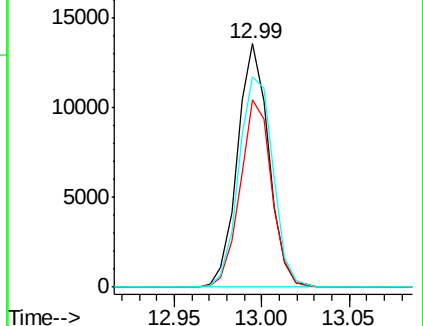
157 94.3 50.6 151.9

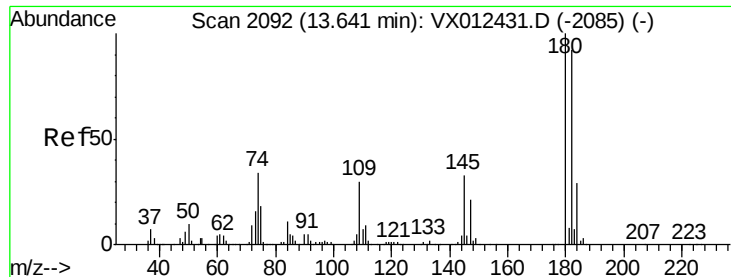


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

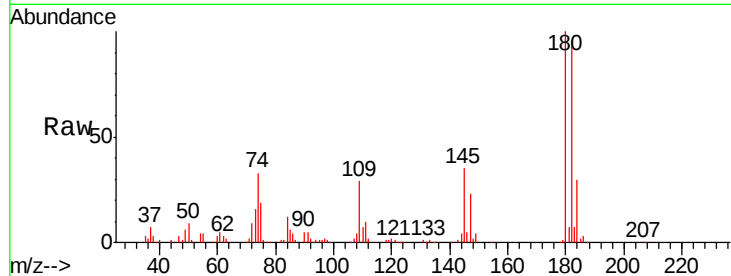




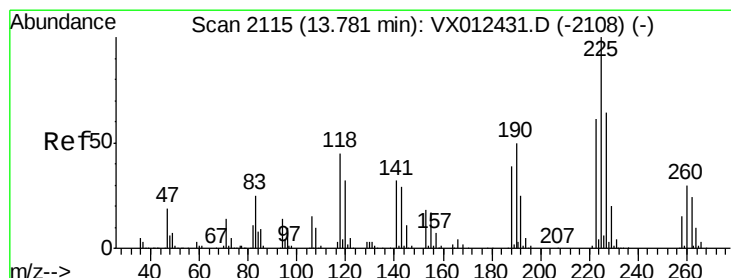
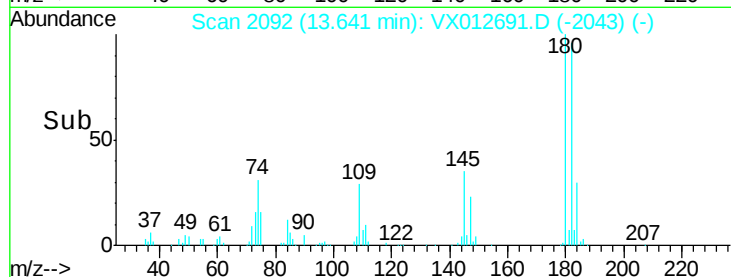
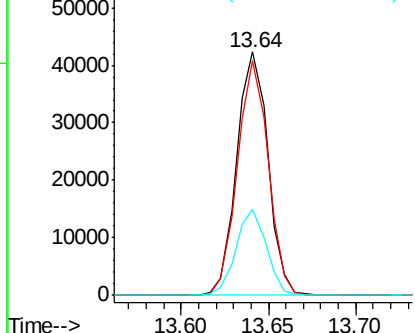
#93
 1,2,4-Trichlorobenzene
 Concen: 19.943 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tgt Ion:180 Resp: 52862
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.0
 145 34.3 16.8 50.4

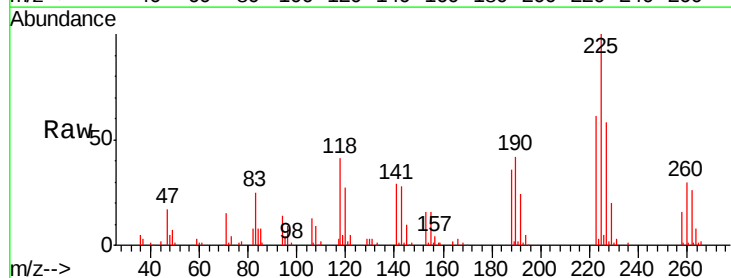


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

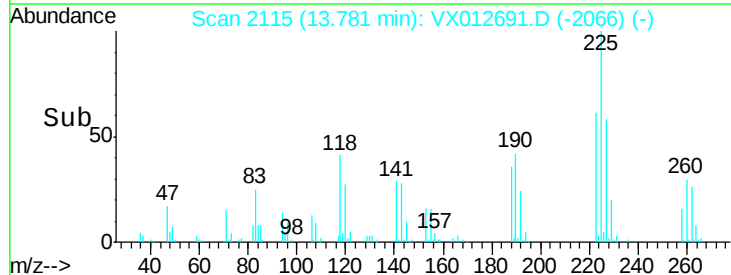
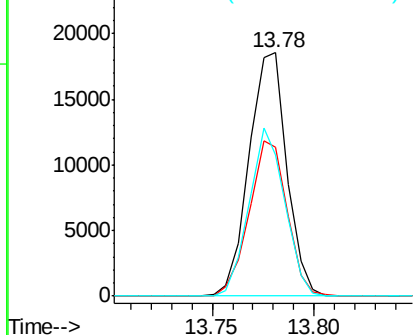


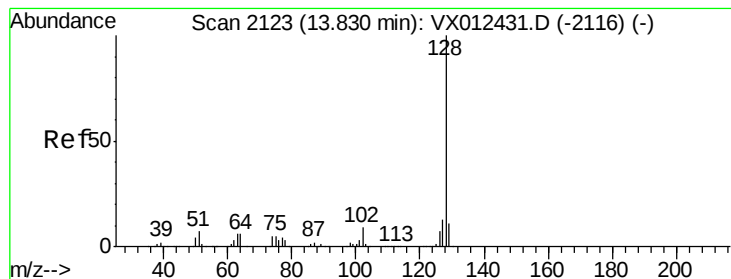
#94
 Hexachlorobutadiene
 Concen: 21.013 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012691.D
 Acq: 27 Sep 2019 12:05

Tgt Ion:225 Resp: 23962
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.0 96.2
 227 65.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.403 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

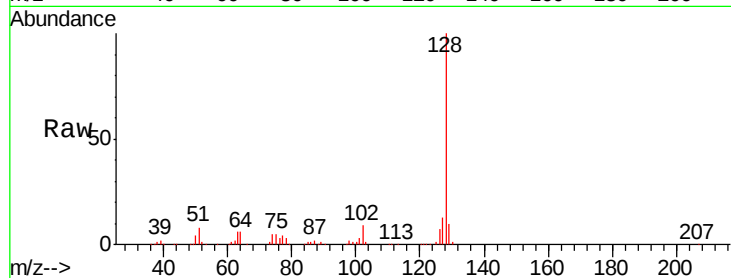
Tgt Ion:128 Resp: 195673

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

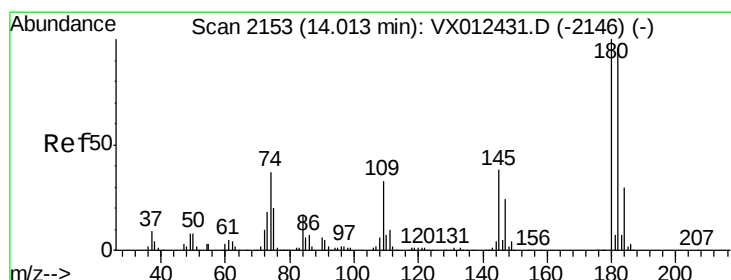
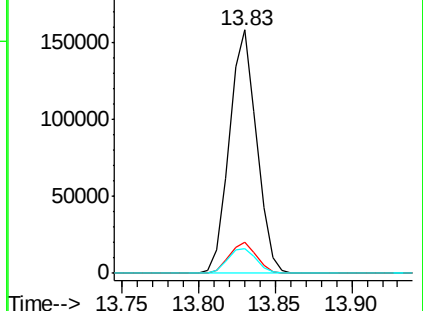
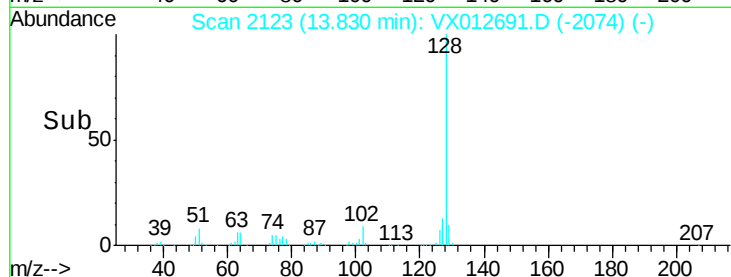
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.927 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012691.D

Acq: 27 Sep 2019 12:05

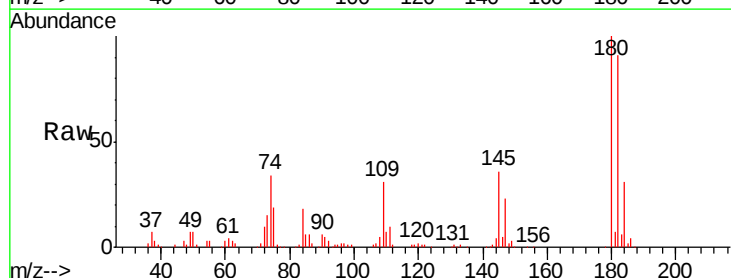
Tgt Ion:180 Resp: 55567

Ion Ratio Lower Upper

180 100

182 92.3 47.1 141.3

145 36.1 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

