

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
 Data File : VX012692.D
 Acq On : 27 Sep 2019 12:28
 Operator : JC/SP
 Sample : VX0927WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

Quant Time: Sep 28 03:59:10 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	182965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	138983	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.49	113	104086	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	8.71	98	388308	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.14	95	152089	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	39527	19.204	ug/l 98
3) Chloromethane	1.32	50	44390	18.781	ug/l 99
4) Vinyl Chloride	1.40	62	46910	19.968	ug/l 99
5) Bromomethane	1.63	94	22290	24.132	ug/l 98
6) Chloroethane	1.72	64	30379	19.182	ug/l 93
7) Trichlorofluoromethane	1.92	101	63752	19.328	ug/l 98
8) Diethyl Ether	2.18	74	27206	20.127	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40352	20.086	ug/l 97
10) Methyl Iodide	2.50	142	35195	19.935	ug/l 93
11) Tert butyl alcohol	3.03	59	67671	101.674	ug/l 100
12) 1,1-Dichloroethene	2.36	96	39903	20.284	ug/l 97
13) Acrolein	2.28	56	11418	39.768	ug/l 95
14) Allyl chloride	2.72	41	77693	19.906	ug/l 98
15) Acrylonitrile	3.13	53	138082	102.261	ug/l 99
16) Acetone	2.43	43	132185	93.666	ug/l 98
17) Carbon Disulfide	2.56	76	99485	18.039	ug/l 100
18) Methyl Acetate	2.76	43	66616	20.047	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	152333	20.458	ug/l 99
20) Methylene Chloride	2.84	84	46909	19.652	ug/l 95
21) trans-1,2-Dichloroethene	3.15	96	43874	20.131	ug/l 94
22) Diisopropyl ether	3.84	45	152810	20.262	ug/l 97
23) Vinyl Acetate	3.80	43	669119	101.174	ug/l 99
24) 1,1-Dichloroethane	3.69	63	83363	20.336	ug/l 98
25) 2-Butanone	4.66	43	197486	97.596	ug/l 99
26) 2,2-Dichloropropane	4.58	77	67870	18.615	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	50933	20.141	ug/l 96
28) Bromochloromethane	5.00	49	37289	25.052	ug/l 99
29) Tetrahydrofuran	5.11	42	126577	102.630	ug/l 98
30) Chloroform	5.20	83	84272	20.093	ug/l 94
31) Cyclohexane	5.57	56	74664	20.133	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	74161	19.952	ug/l 99
36) 1,1-Dichloropropene	5.79	75	62565	20.233	ug/l 99
37) Ethyl Acetate	4.82	43	72771	20.130	ug/l 98
38) Carbon Tetrachloride	5.78	117	61309	19.518	ug/l 96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

Quant Time: Sep 28 03:59:10 2019
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 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	73557	19.759	ug/l	94
40) Benzene	6.14	78	182695	20.080	ug/l	99
41) Methacrylonitrile	5.03	41	41714	20.566	ug/l	96
42) 1,2-Dichloroethane	6.18	62	70438	20.388	ug/l	99
43) Isopropyl Acetate	6.43	43	121081	20.028	ug/l	99
44) Trichloroethene	7.21	130	46398	19.948	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47089	20.216	ug/l	98
46) Dibromomethane	7.65	93	31825	20.067	ug/l	95
47) Bromodichloromethane	7.89	83	61889	19.525	ug/l	99
48) Methyl methacrylate	7.76	41	56829	19.604	ug/l	95
49) 1,4-Dioxane	7.73	88	26538	403.613	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	376101	100.781	ug/l	97
52) Toluene	8.78	92	118475	20.719	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67114	19.137	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	76020	19.853	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	48107	21.161	ug/l	95
56) Ethyl methacrylate	9.17	69	75859	19.862	ug/l	96
57) 1,3-Dichloropropane	9.37	76	82258	20.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	187547	109.394	ug/l	97
59) 2-Hexanone	9.48	43	285853	100.070	ug/l	94
60) Dibromochloromethane	9.57	129	45736	19.873	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48767	20.611	ug/l	100
64) Tetrachloroethene	9.33	164	41854	20.978	ug/l	92
65) Chlorobenzene	10.14	112	121225	20.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	43414	19.885	ug/l	98
67) Ethyl Benzene	10.25	91	222102	20.322	ug/l	98
68) m/p-Xylenes	10.35	106	165215	40.354	ug/l	99
69) o-Xylene	10.70	106	79091	19.965	ug/l	97
70) Styrene	10.71	104	136579	20.565	ug/l	99
71) Bromoform	10.85	173	29103	19.144	ug/l #	95
73) Isopropylbenzene	11.01	105	218201	20.820	ug/l	100
74) N-amyl acetate	10.89	43	99310	19.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	71132	20.493	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	82075	24.112	ug/l	88
77) Bromobenzene	11.25	156	48197	20.319	ug/l	96
78) n-propylbenzene	11.35	91	240070	20.346	ug/l	100
79) 2-Chlorotoluene	11.42	91	148677	20.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	184250	20.964	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21429	18.041	ug/l	99
82) 4-Chlorotoluene	11.51	91	171087	20.390	ug/l	99
83) tert-Butylbenzene	11.76	119	173410	20.454	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	184360	20.794	ug/l	97
85) sec-Butylbenzene	11.94	105	207360	21.029	ug/l	99
86) p-Isopropyltoluene	12.06	119	184847	20.775	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88003	20.616	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	87491	20.283	ug/l	98
89) n-Butylbenzene	12.38	91	156033	19.901	ug/l	98
90) Hexachloroethane	12.59	117	29948	18.880	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	88541	20.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16759	19.302	ug/l	96

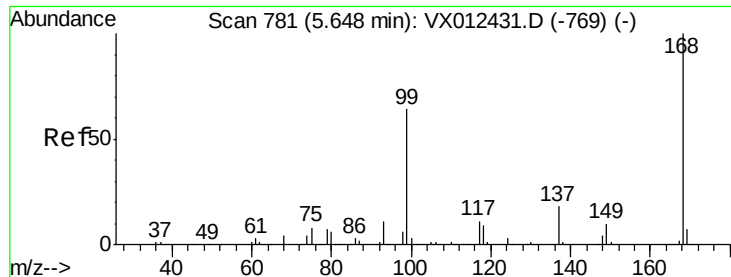
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
Data File : VX012692.D
Acq On : 27 Sep 2019 12:28
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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51789	19.871	ug/l	99
94) Hexachlorobutadiene	13.77	225	23495	20.955	ug/l	99
95) Naphthalene	13.83	128	194417	20.618	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	53004	20.302	ug/l	98

(#) = 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: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

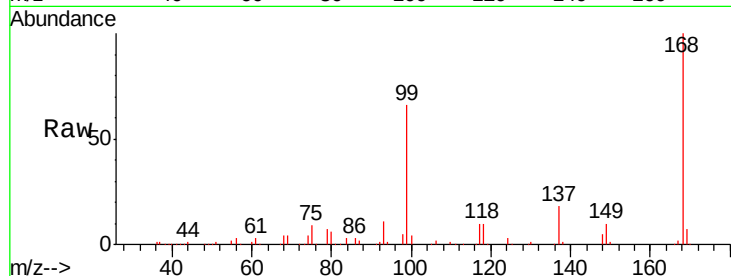
VX0927WBSD01

Tgt Ion:168 Resp: 182965

Ion Ratio Lower Upper

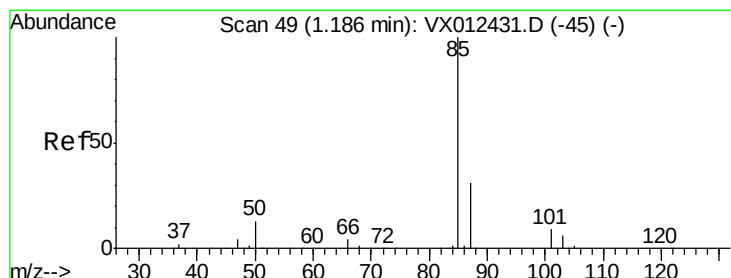
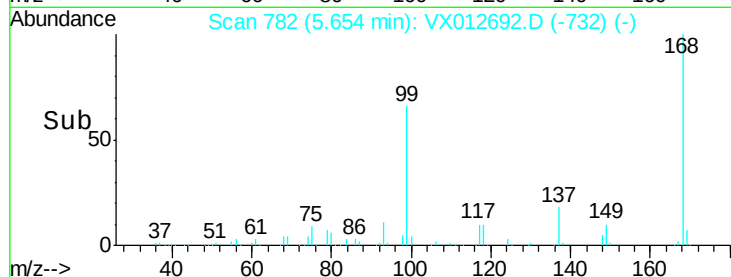
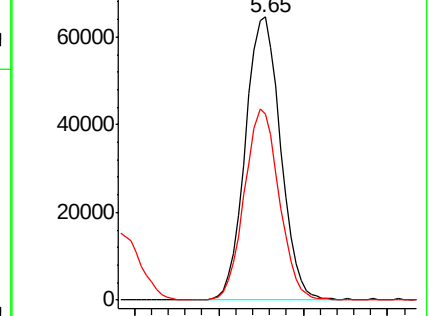
168 100

99 65.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.204 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012692.D

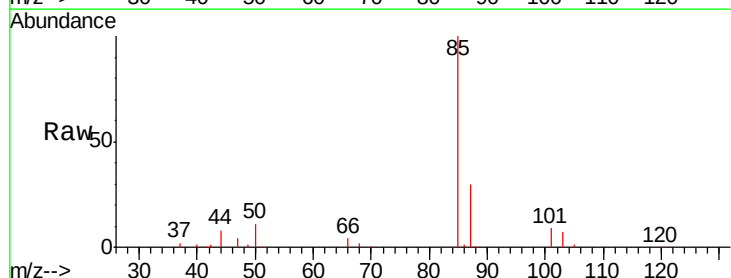
Acq: 27 Sep 2019 12:28

Tgt Ion: 85 Resp: 39527

Ion Ratio Lower Upper

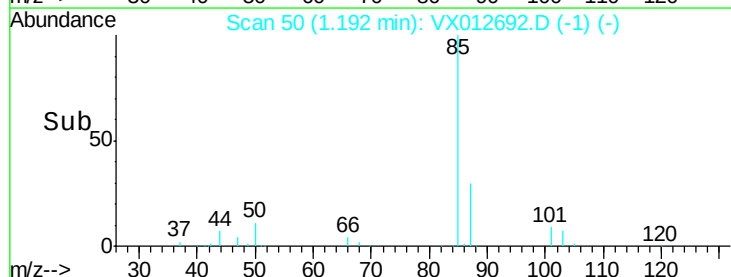
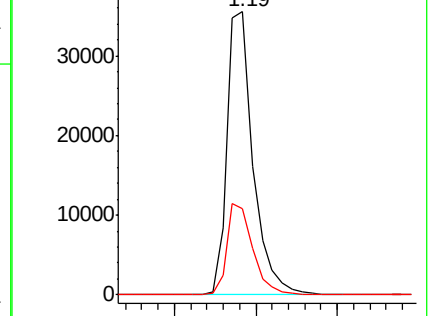
85 100

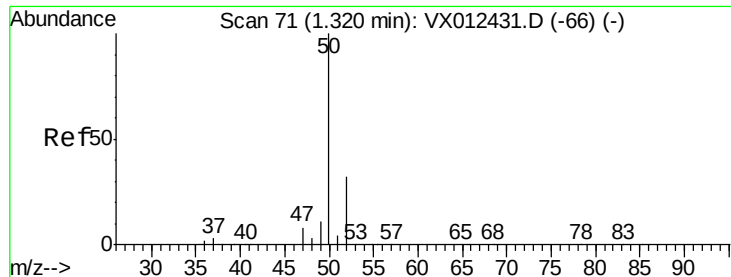
87 30.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.781 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

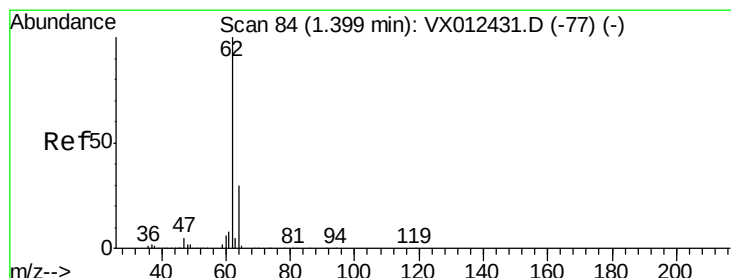
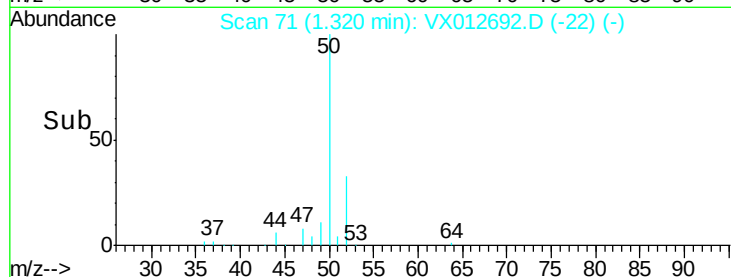
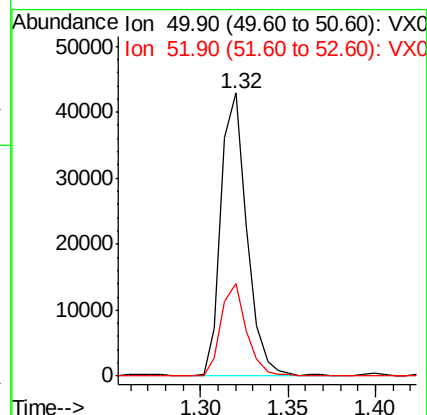
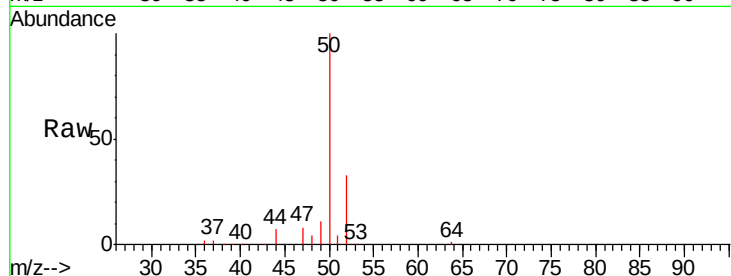
VX0927WBSD01

Tgt Ion: 50 Resp: 44390

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 19.968 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012692.D

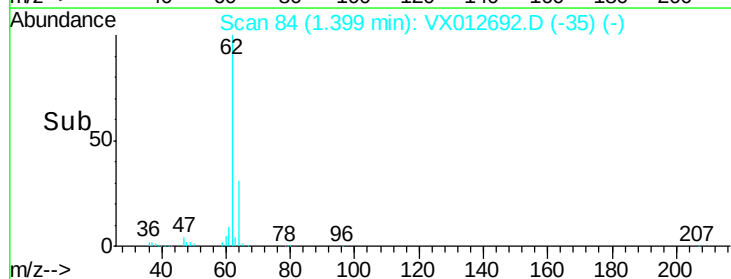
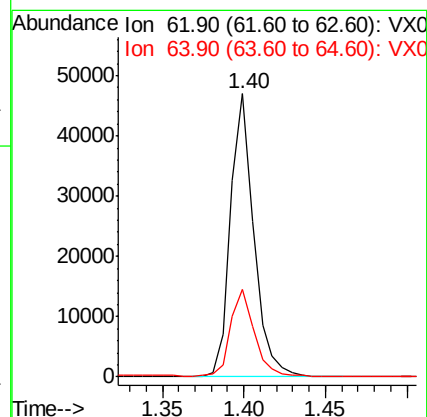
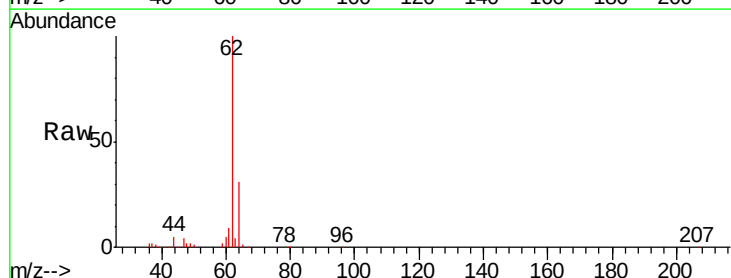
Acq: 27 Sep 2019 12:28

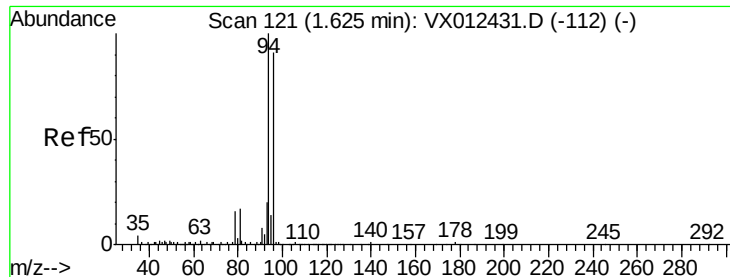
Tgt Ion: 62 Resp: 46910

Ion Ratio Lower Upper

62 100

64 30.7 24.2 36.2





#5

Bromomethane

Concen: 24.132 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

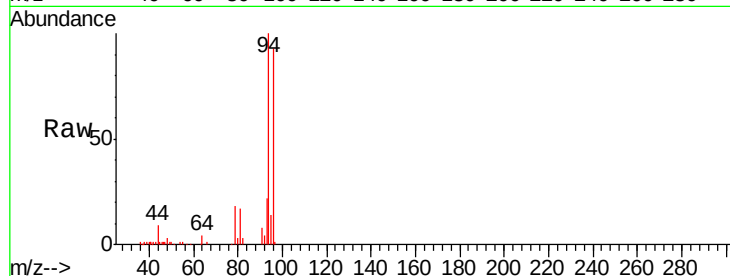
VX0927WBSD01

Tgt Ion: 94 Resp: 22290

Ion Ratio Lower Upper

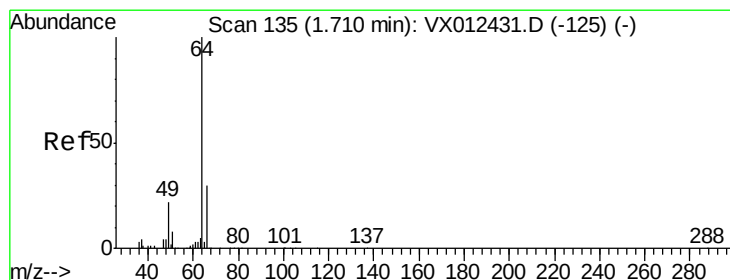
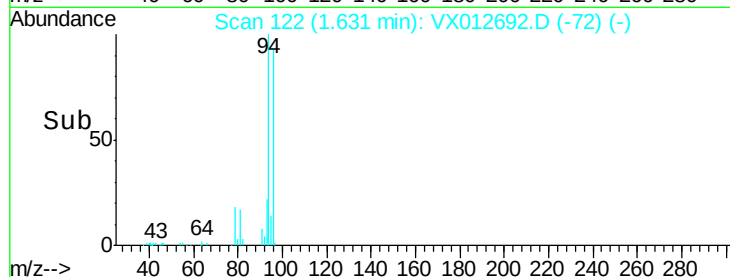
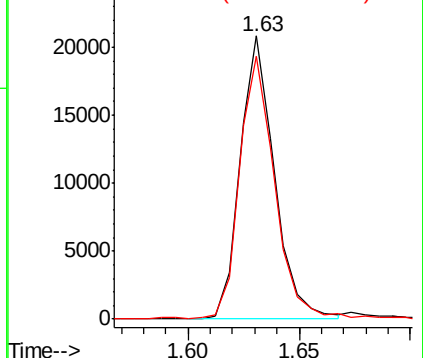
94 100

96 92.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.182 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012692.D

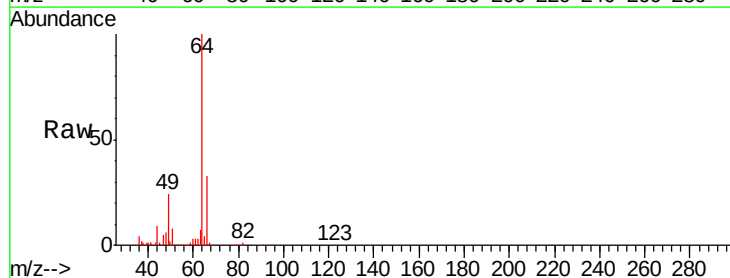
Acq: 27 Sep 2019 12:28

Tgt Ion: 64 Resp: 30379

Ion Ratio Lower Upper

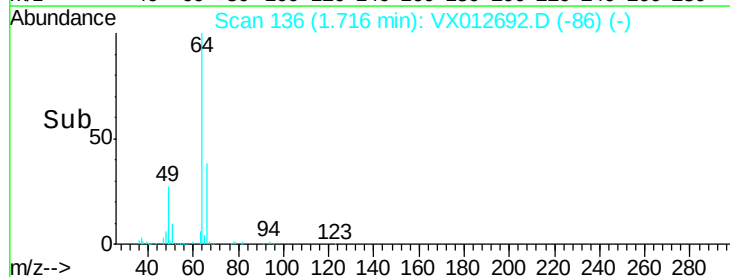
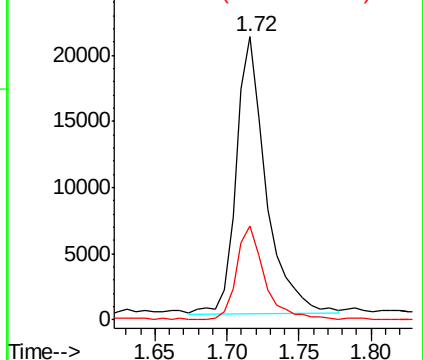
64 100

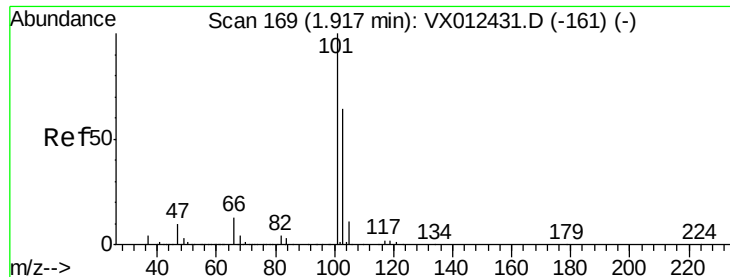
66 34.0 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



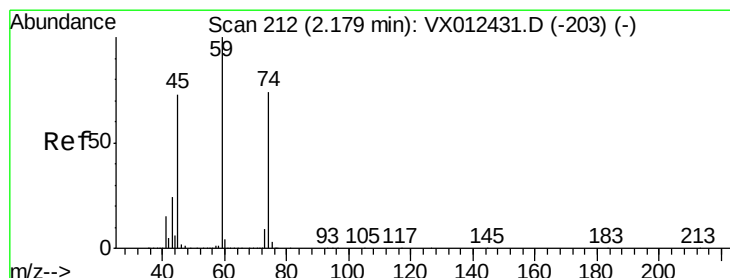
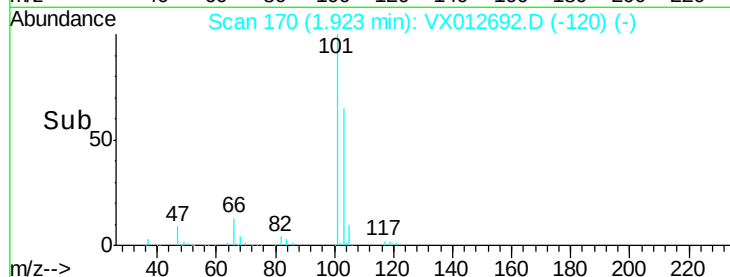
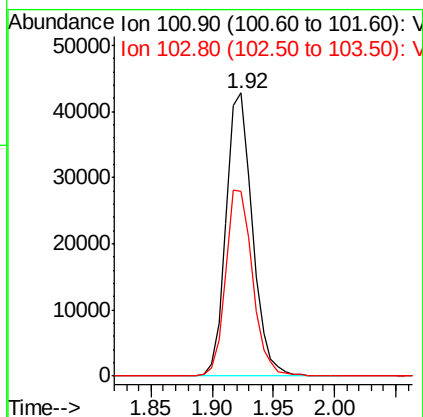
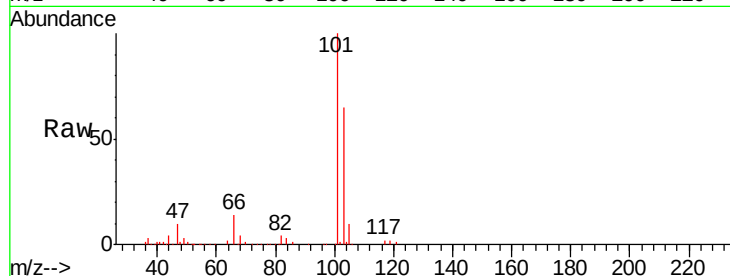


#7

Trichlorofluoromethane
 Concen: 19.328 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

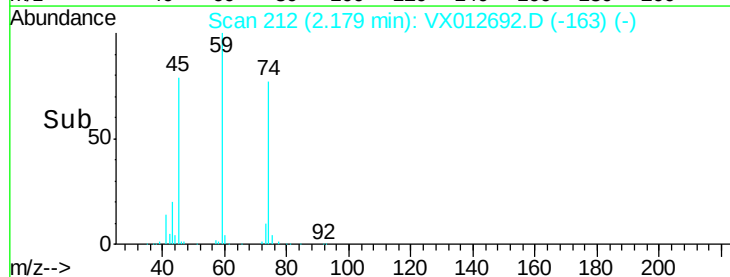
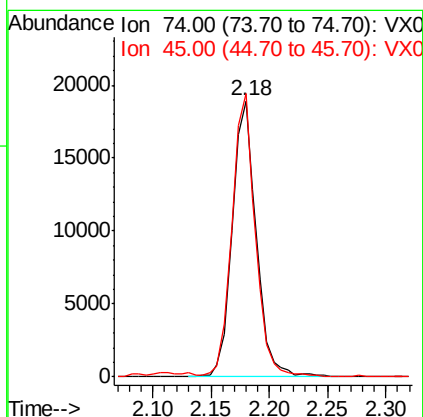
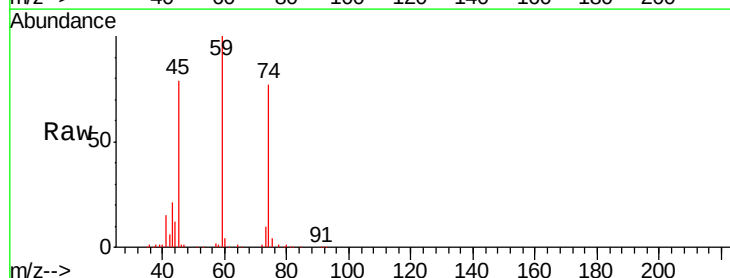
Tgt Ion: 101 Resp: 63752
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.4

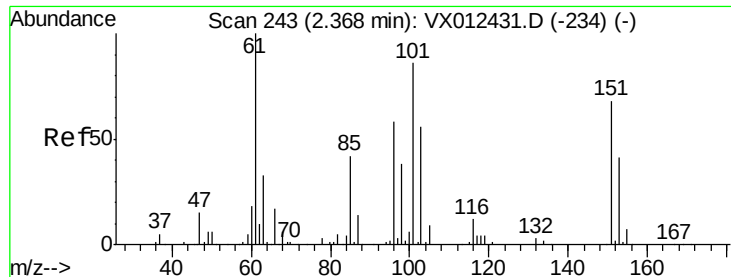


#8

Diethyl Ether
 Concen: 20.127 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 74 Resp: 27206
 Ion Ratio Lower Upper
 74 100
 45 100.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.086 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

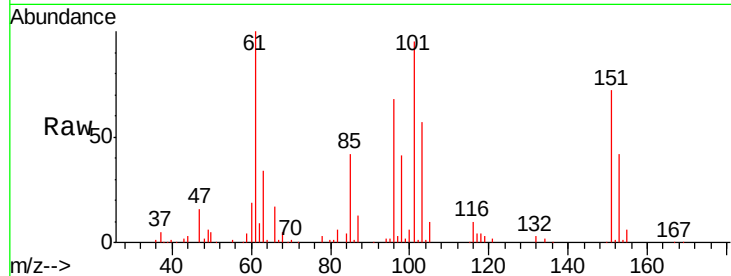
Tgt Ion:101 Resp: 40352

Ion Ratio Lower Upper

101 100

85 45.5 37.3 55.9

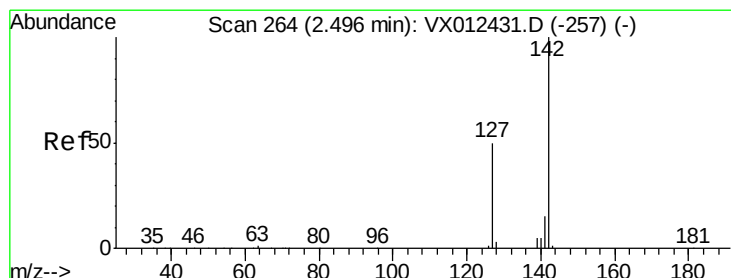
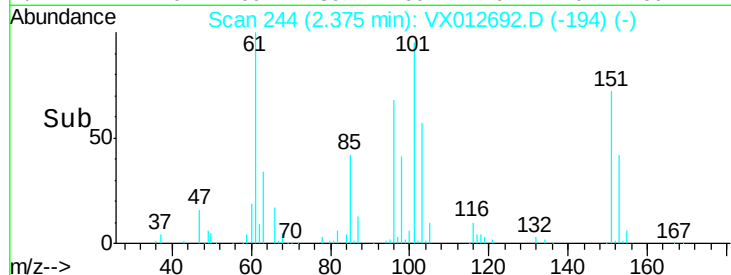
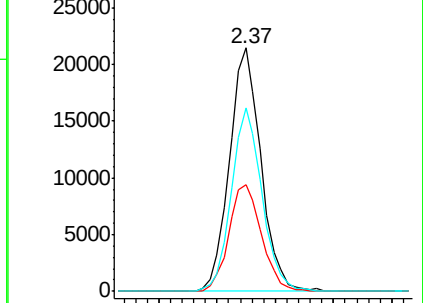
151 73.5 61.0 91.4



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: 19.935 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

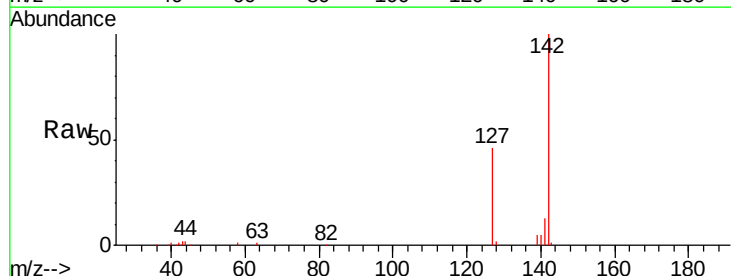
Tgt Ion:142 Resp: 35195

Ion Ratio Lower Upper

142 100

127 45.6 40.8 61.2

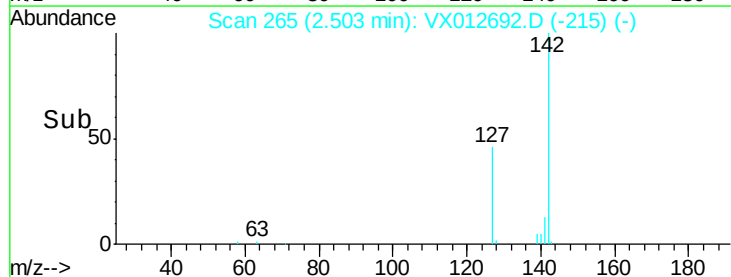
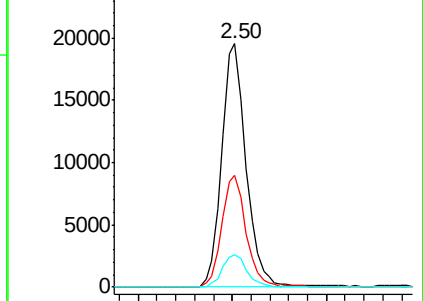
141 13.3 12.1 18.1

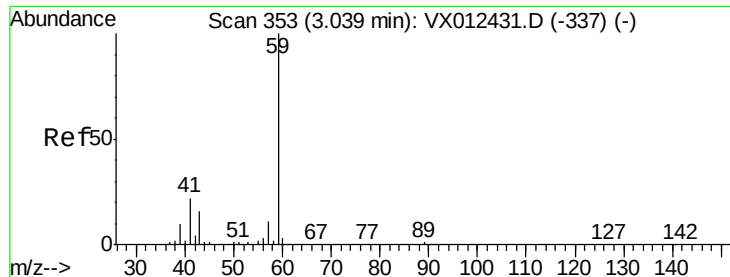


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

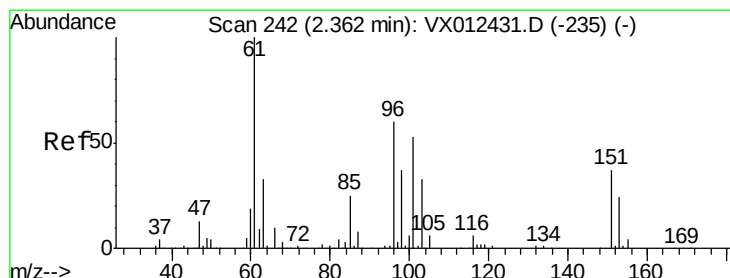
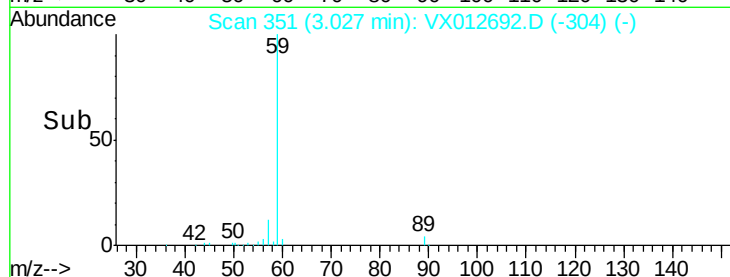
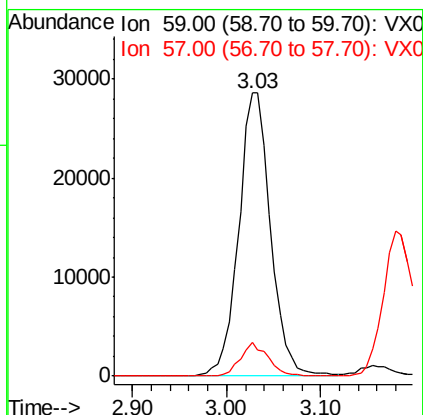
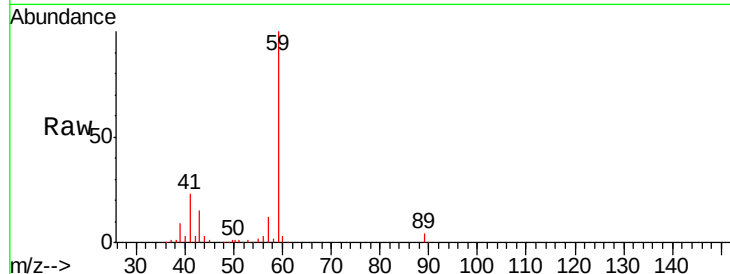




#11
Tert butyl alcohol
Concen: 101.674 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

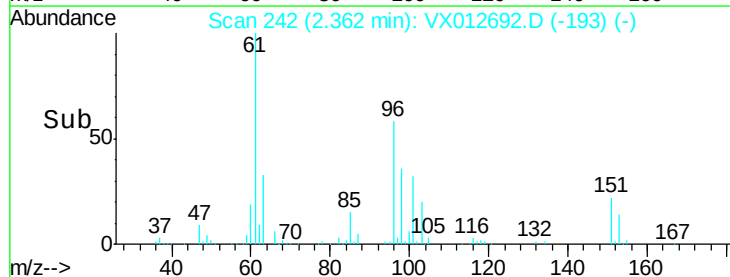
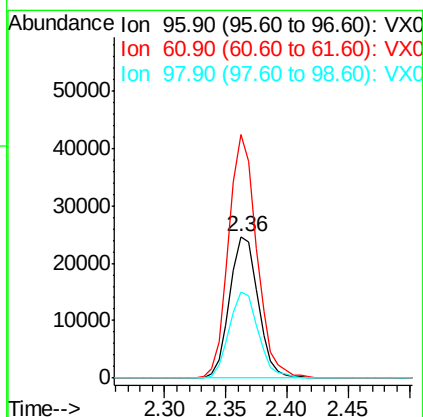
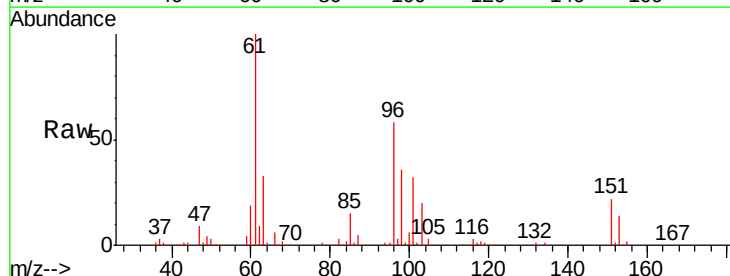
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

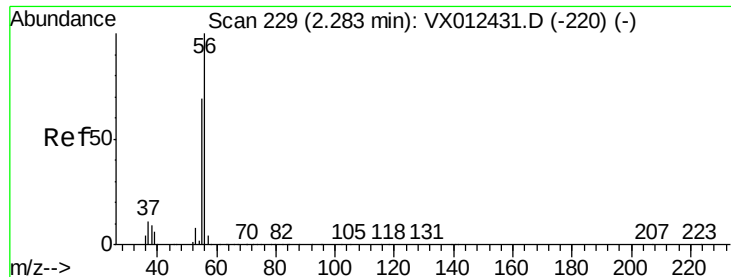
Tgt Ion: 59 Resp: 67671
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.284 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 96 Resp: 39903
Ion Ratio Lower Upper
96 100
61 171.8 133.8 200.6
98 61.1 49.9 74.9





#13

Acrolein

Concen: 39.768 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

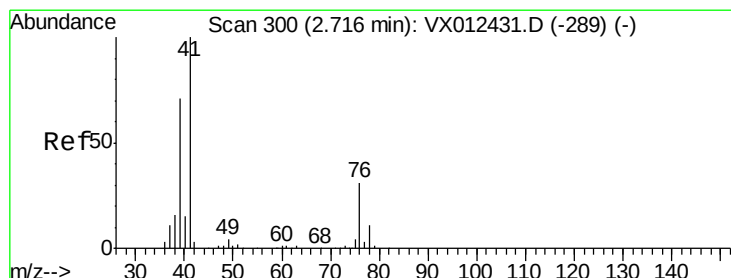
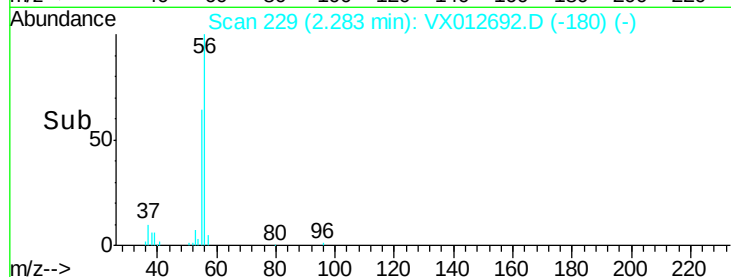
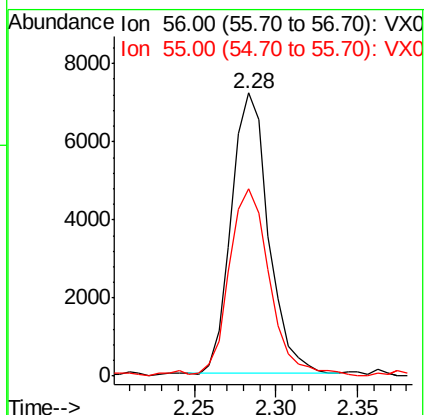
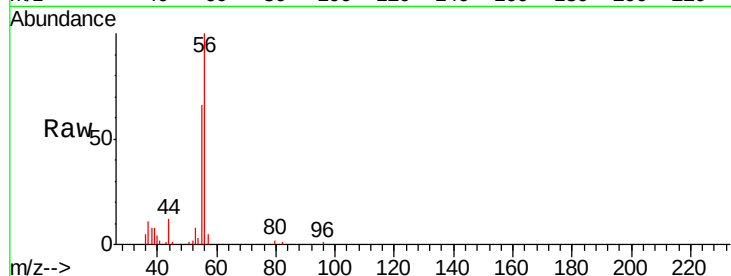
VX0927WBSD01

Tgt Ion: 56 Resp: 11418

Ion Ratio Lower Upper

56 100

55 74.1 55.8 83.8



#14

Allyl chloride

Concen: 19.906 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

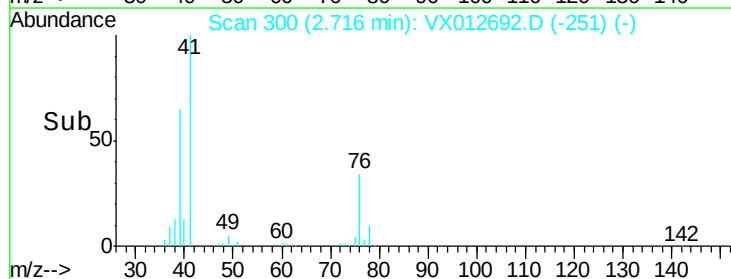
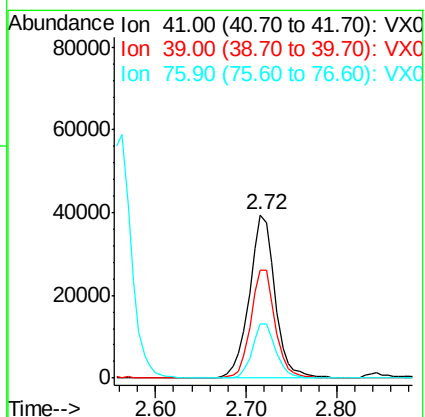
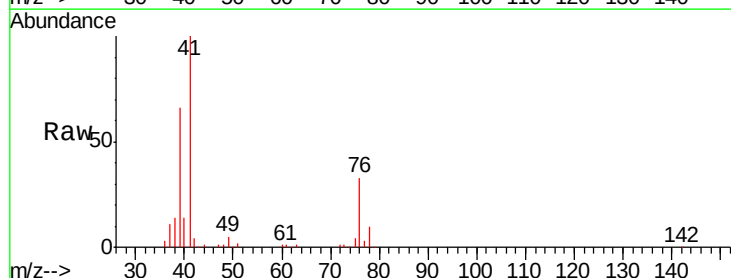
Tgt Ion: 41 Resp: 77693

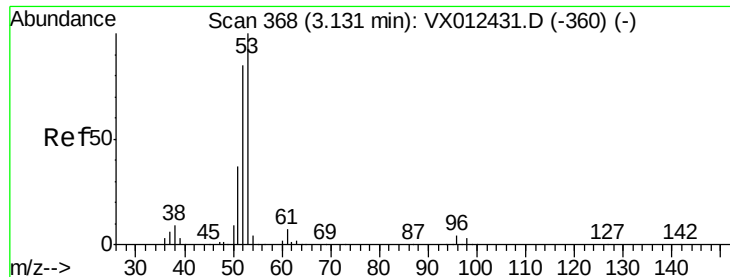
Ion Ratio Lower Upper

41 100

39 62.8 51.3 76.9

76 30.4 22.6 33.8





#15

Acrylonitrile

Concen: 102.261 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

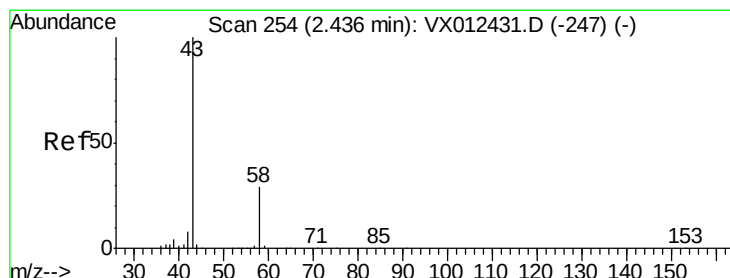
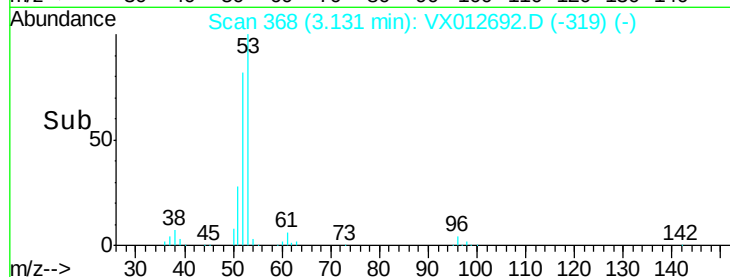
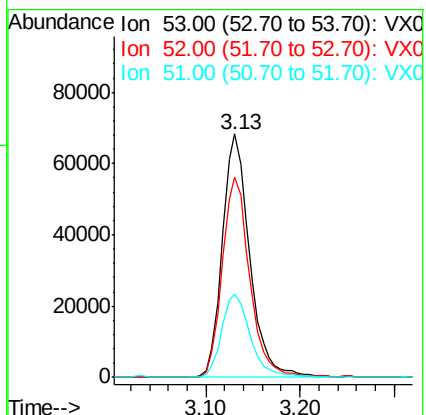
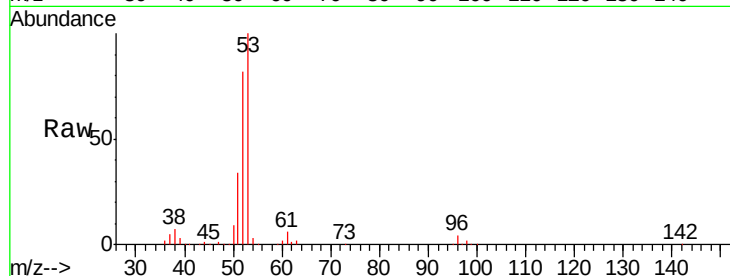
Tgt Ion: 53 Resp: 138082

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

51 36.2 29.6 44.4



#16

Acetone

Concen: 93.666 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012692.D

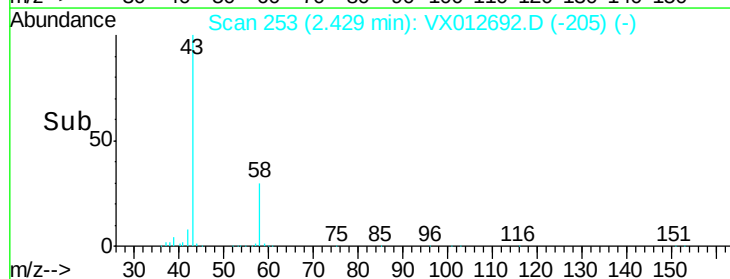
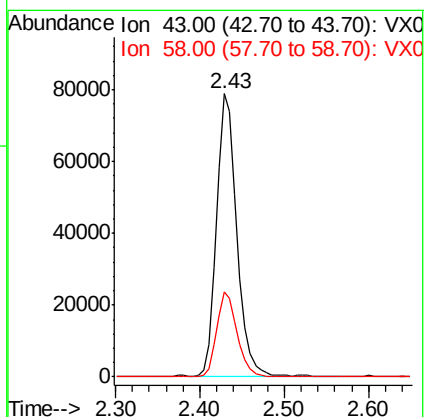
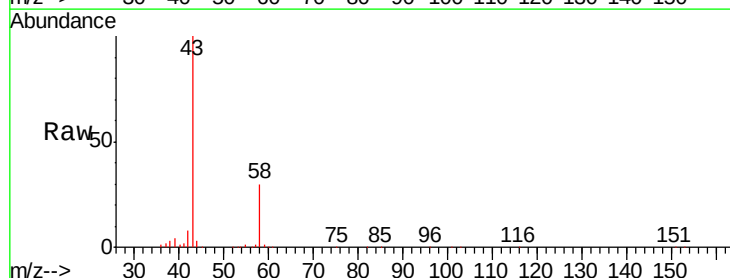
Acq: 27 Sep 2019 12:28

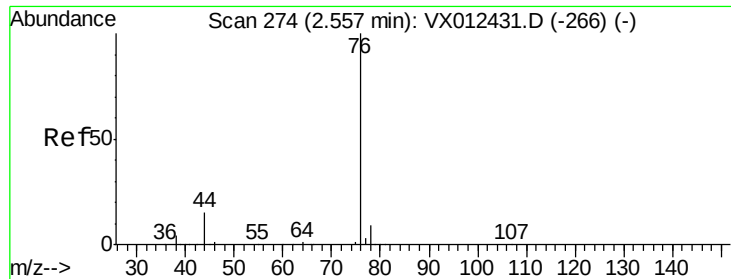
Tgt Ion: 43 Resp: 132185

Ion Ratio Lower Upper

43 100

58 30.1 23.3 34.9





#17

Carbon Disulfide

Concen: 18.039 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

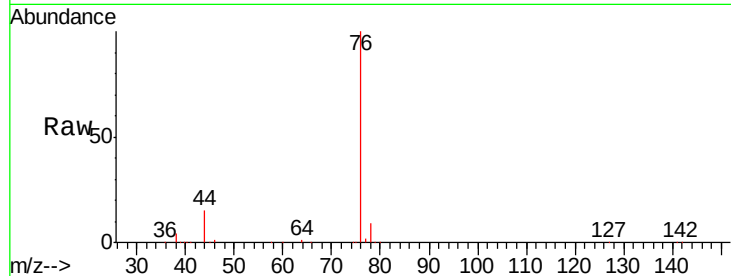
VX0927WBSD01

Tgt Ion: 76 Resp: 99485

Ion Ratio Lower Upper

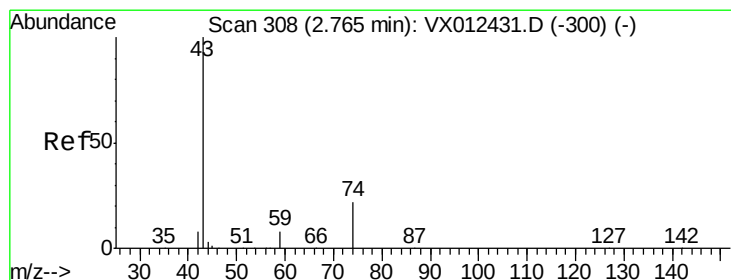
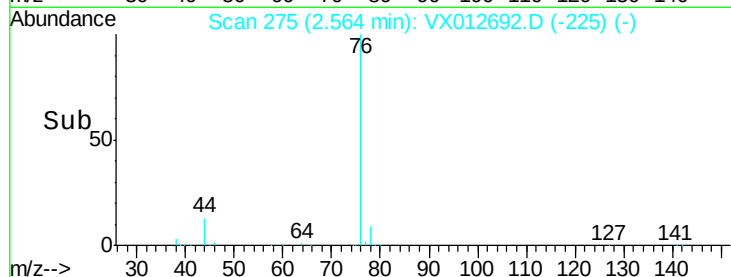
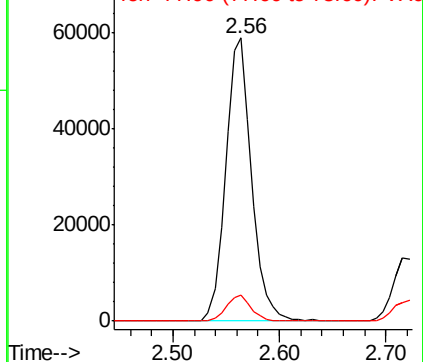
76 100

78 9.2 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: 20.047 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012692.D

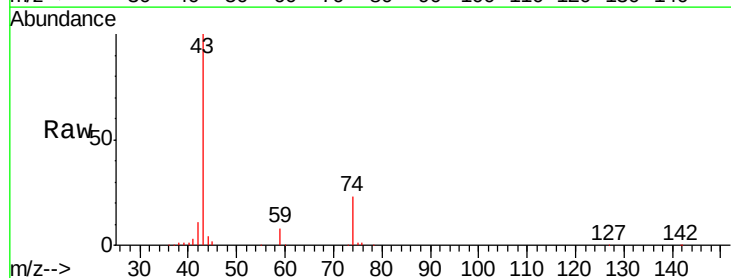
Acq: 27 Sep 2019 12:28

Tgt Ion: 43 Resp: 66616

Ion Ratio Lower Upper

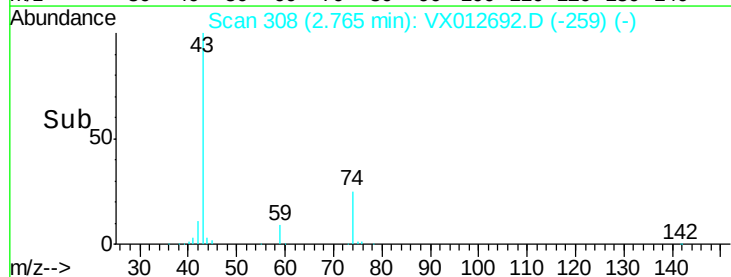
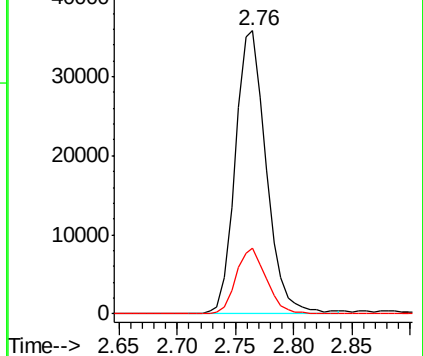
43 100

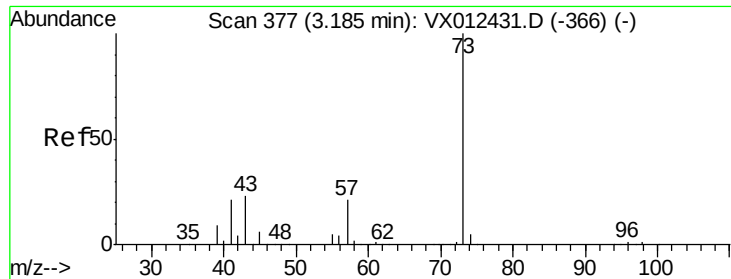
74 23.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

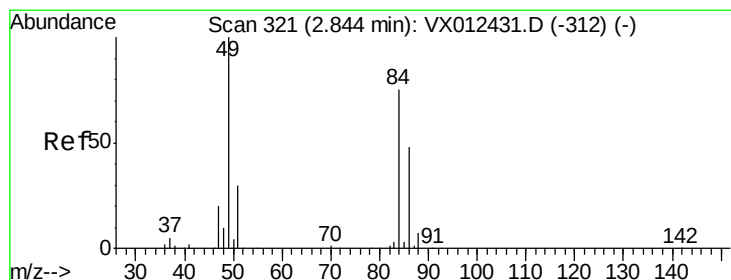
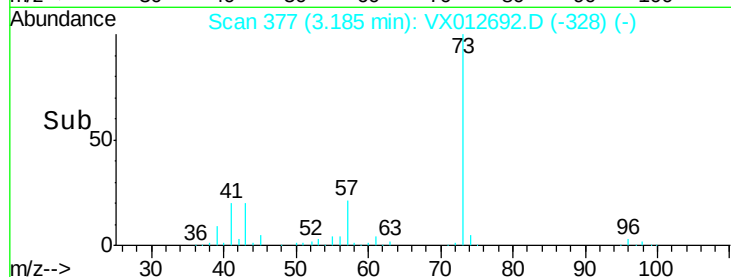
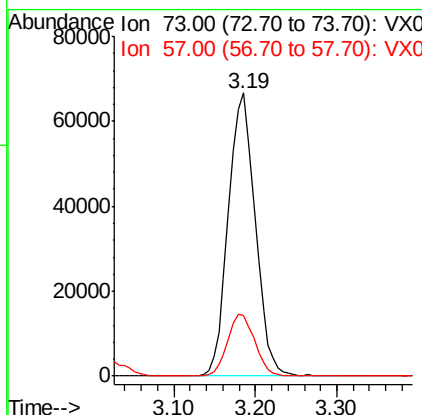
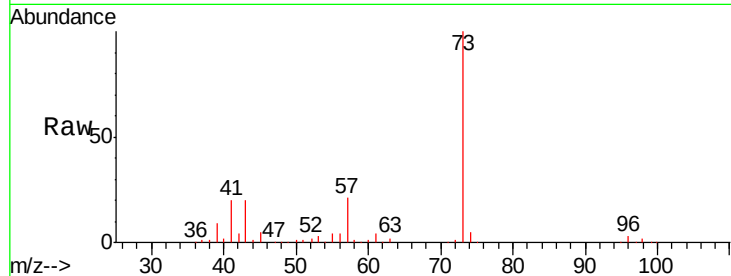




#19
Methyl tert-butyl Ether
Concen: 20.458 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

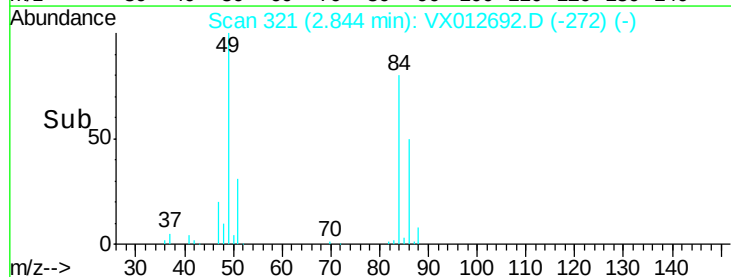
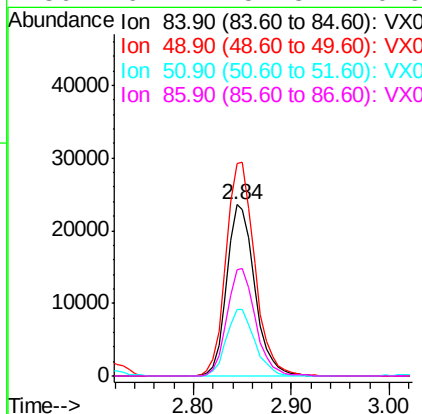
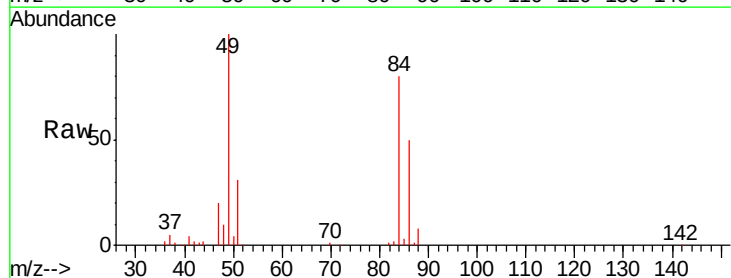
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

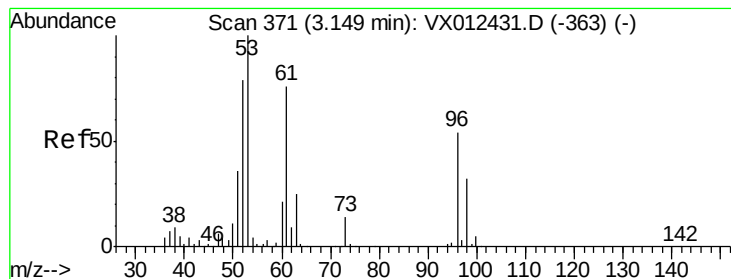
Tgt Ion: 73 Resp: 152333
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 19.652 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 84 Resp: 46909
Ion Ratio Lower Upper
84 100
49 124.3 106.8 160.2
51 39.0 32.3 48.5
86 62.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.131 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

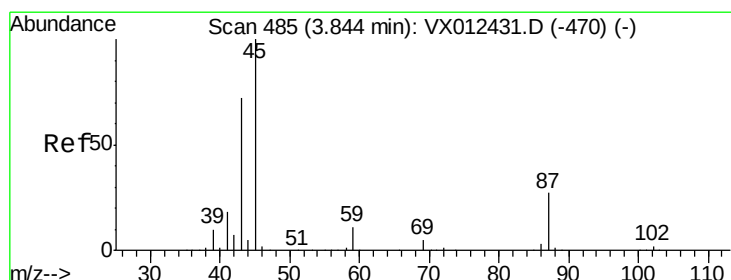
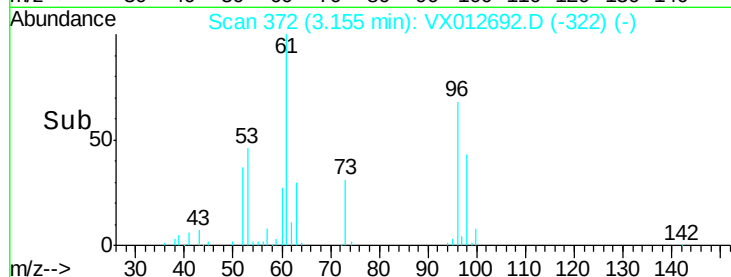
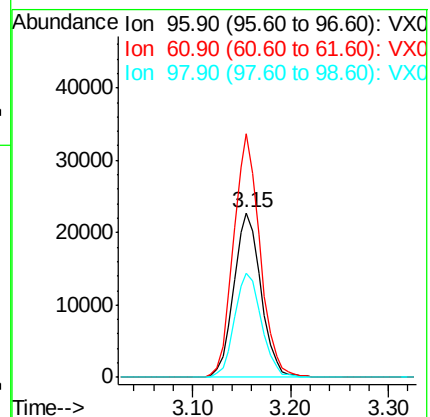
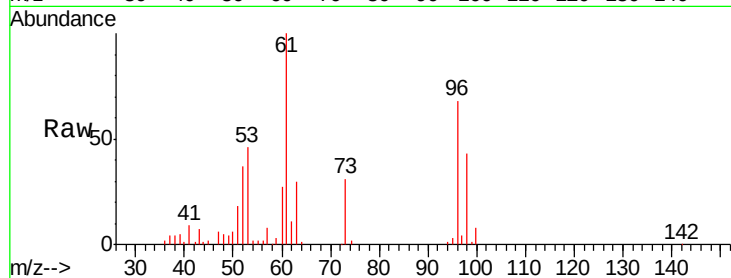
Tgt Ion: 96 Resp: 43874

Ion Ratio Lower Upper

96 100

61 147.8 112.0 168.0

98 63.2 47.8 71.8



#22

Diisopropyl ether

Concen: 20.262 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Tgt Ion: 45 Resp: 152810

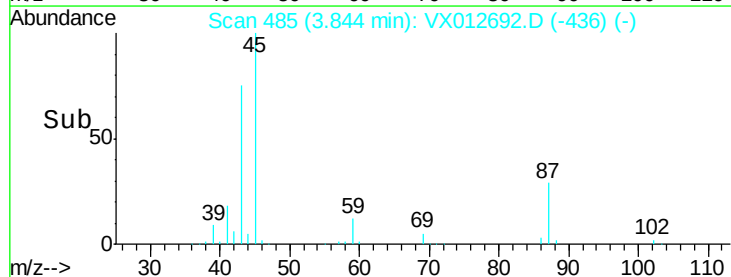
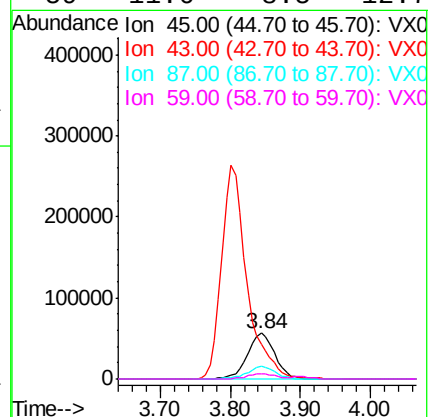
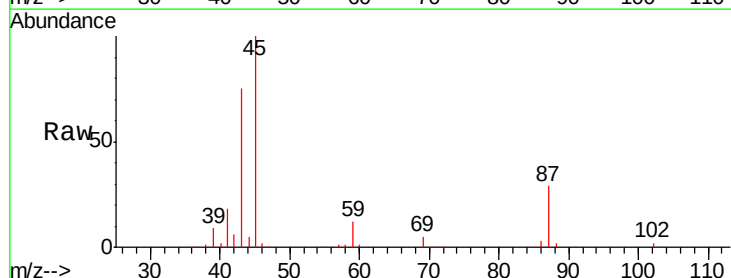
Ion Ratio Lower Upper

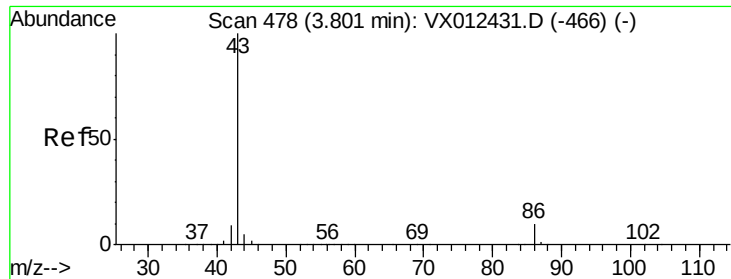
45 100

43 74.9 57.8 86.8

87 28.7 21.3 31.9

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 101.174 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

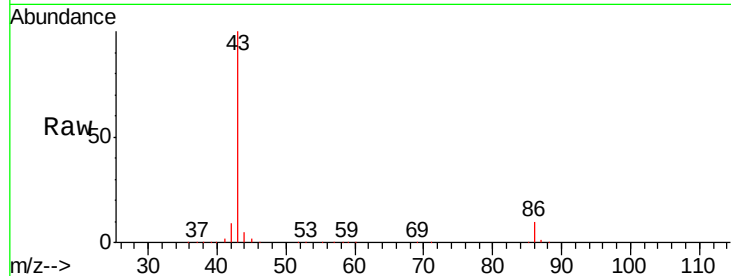
VX0927WBSD01

Tgt Ion: 43 Resp: 669119

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

250000

200000

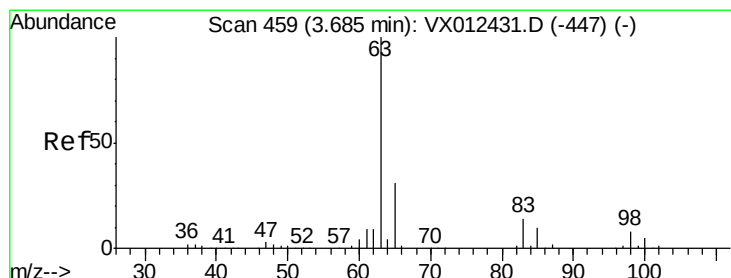
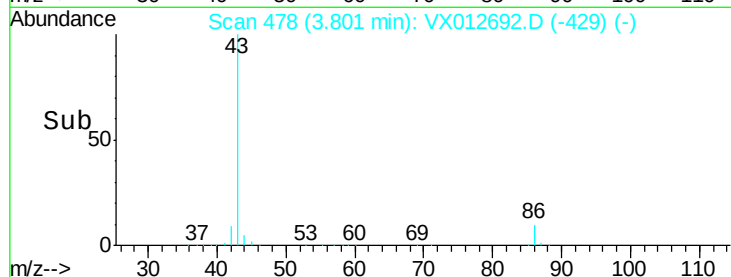
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.336 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

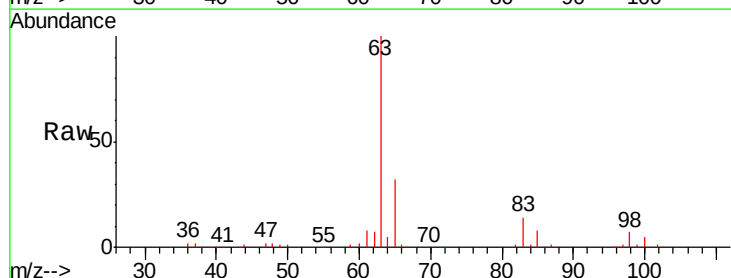
Tgt Ion: 63 Resp: 83363

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 5.0 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

3.69

40000

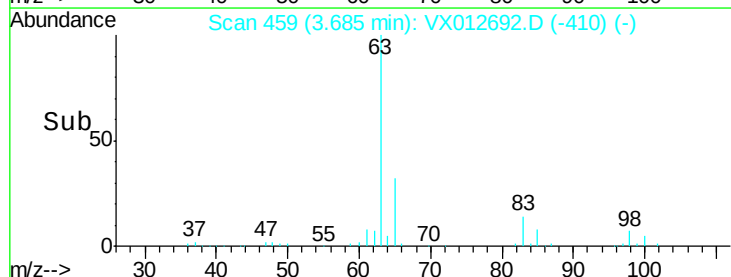
30000

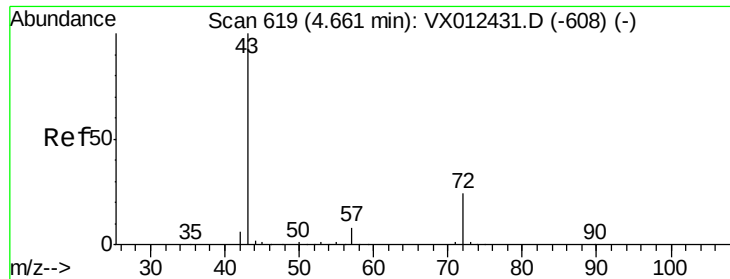
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 97.596 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

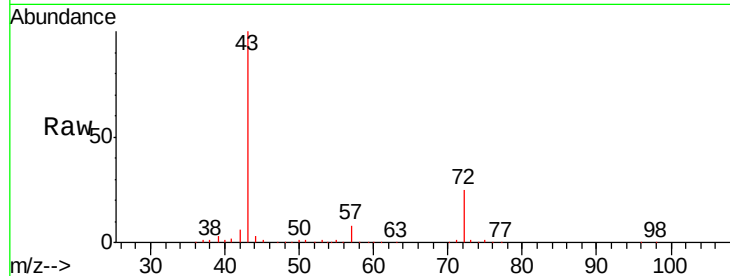
VX0927WBSD01

Tgt Ion: 43 Resp: 197486

Ion Ratio Lower Upper

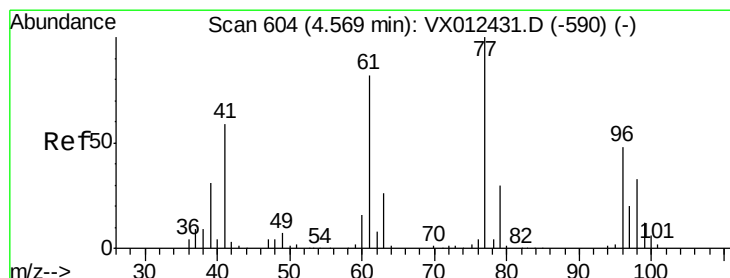
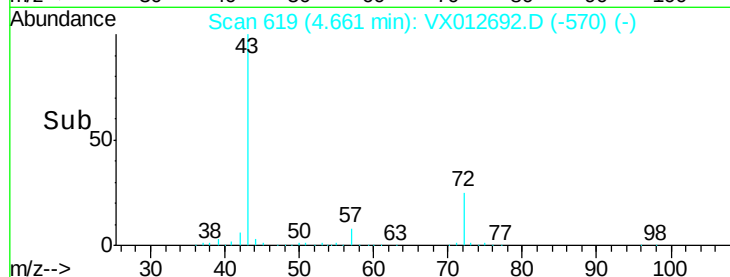
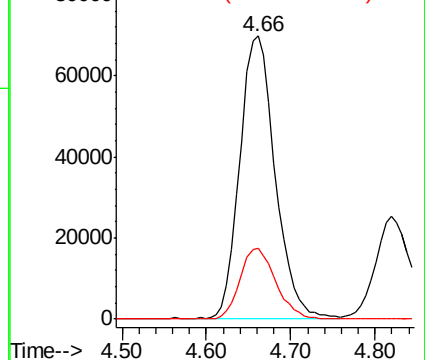
43 100

72 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012692.D

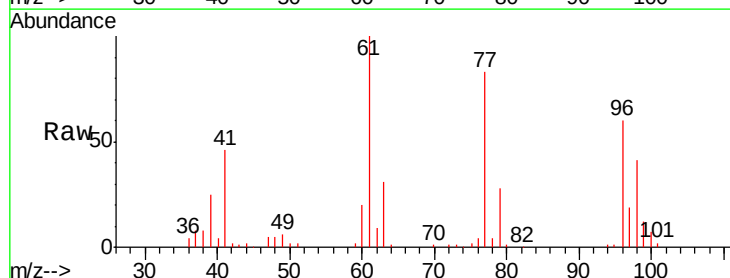
Acq: 27 Sep 2019 12:28

Tgt Ion: 77 Resp: 67870

Ion Ratio Lower Upper

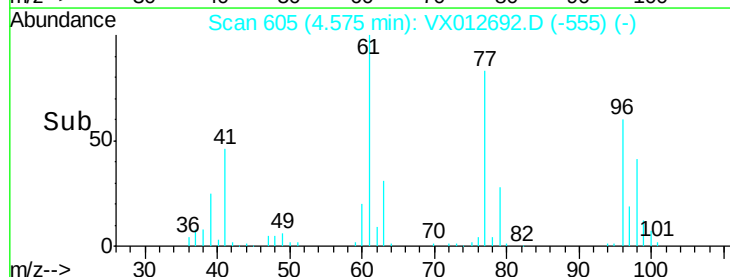
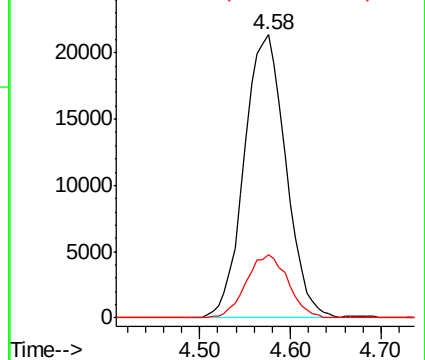
77 100

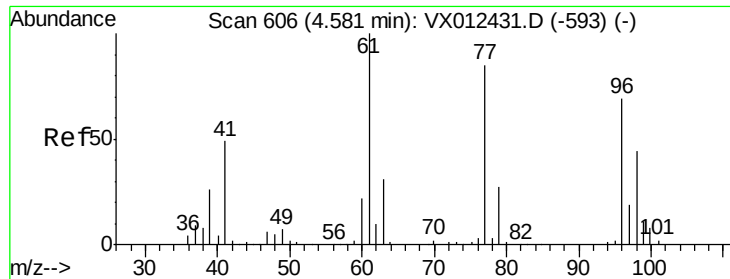
97 22.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



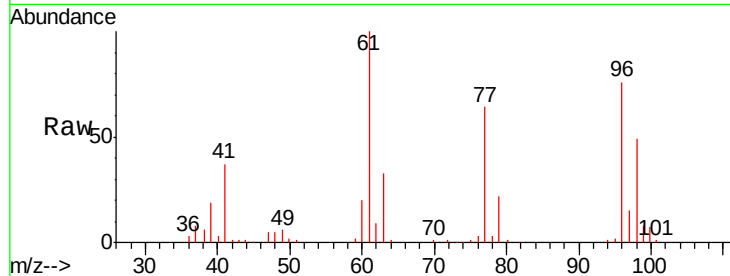


#27

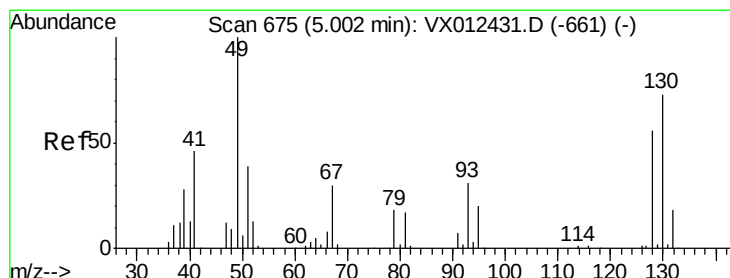
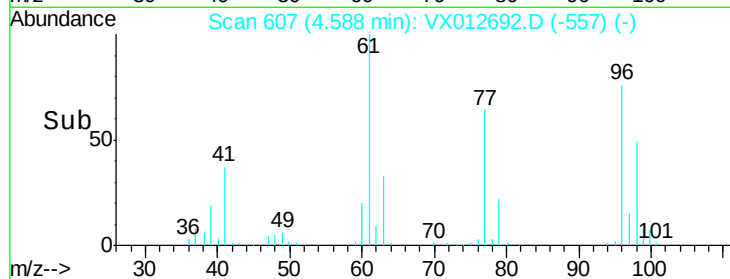
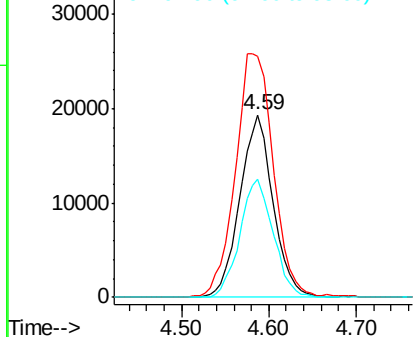
cis-1,2-Dichloroethene
Concen: 20.141 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion: 96 Resp: 50933
Ion Ratio Lower Upper
96 100
61 152.1 0.0 319.4
98 65.0 0.0 130.6



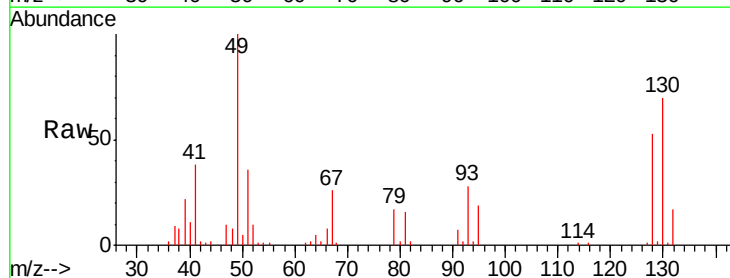
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



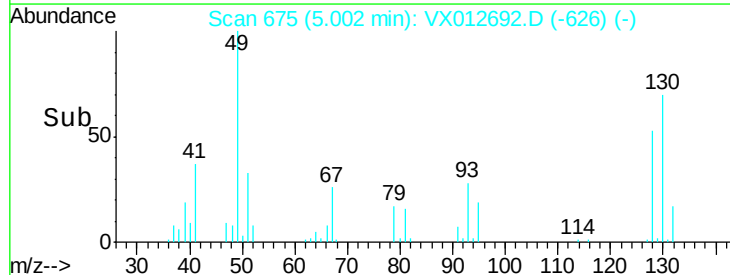
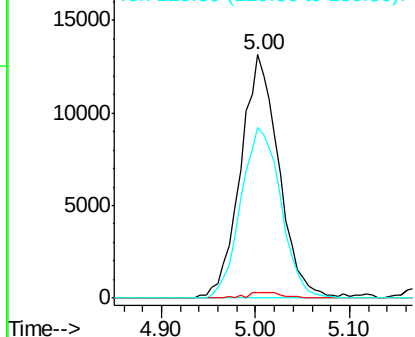
#28

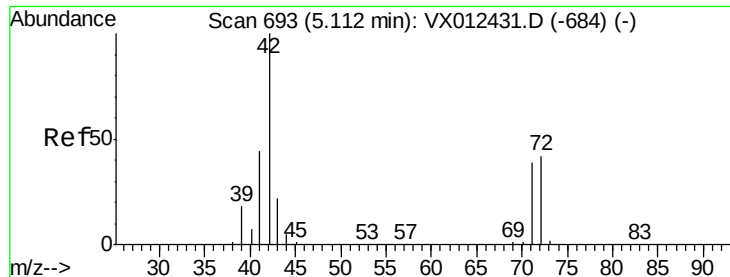
Bromochloromethane
Concen: 25.052 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 49 Resp: 37289
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 73.5 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

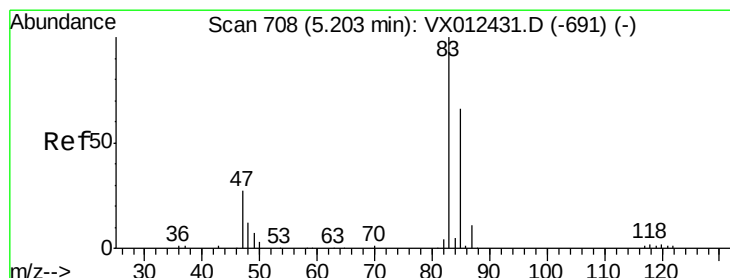
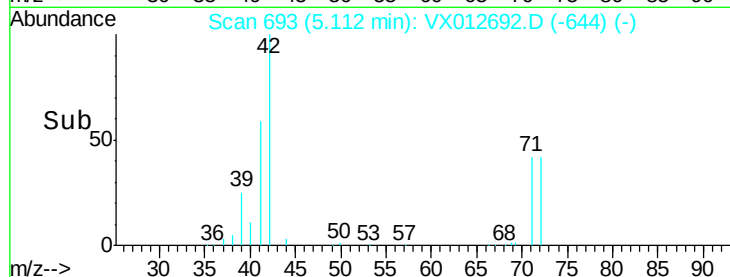
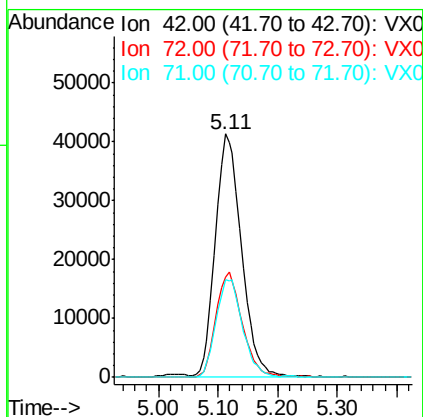
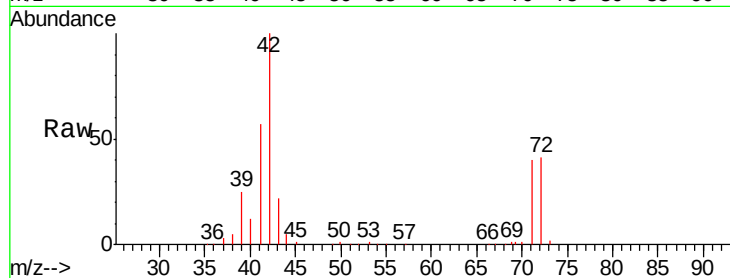




#29
Tetrahydrofuran
Concen: 102.630 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

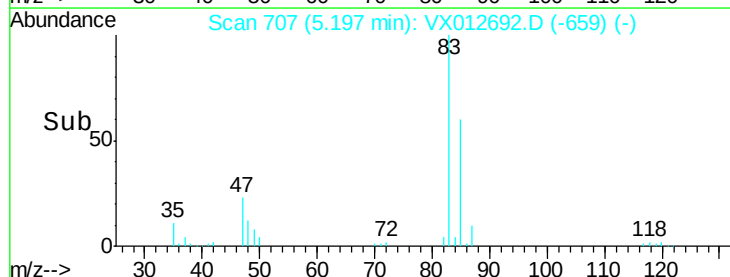
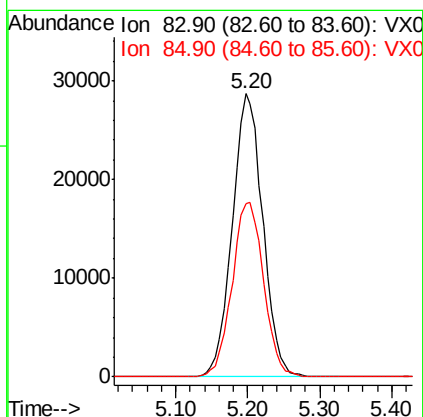
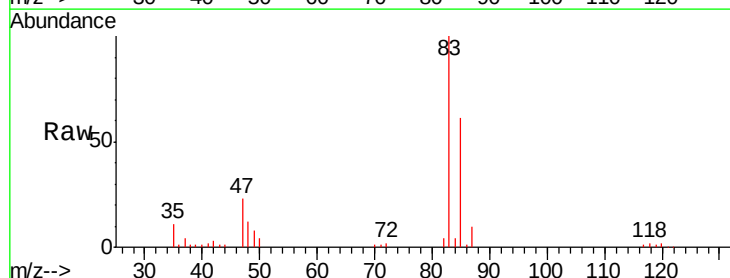
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

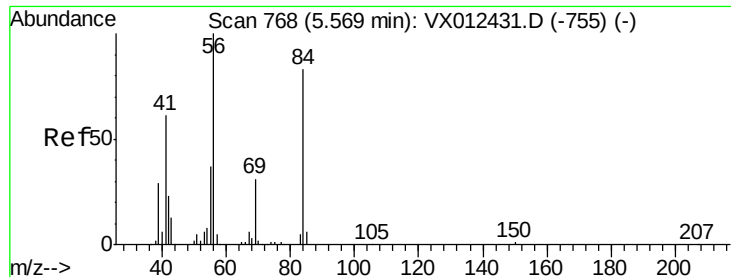
Tgt Ion: 42 Resp: 126577
Ion Ratio Lower Upper
42 100
72 43.6 34.0 51.0
71 40.6 31.5 47.3



#30
Chloroform
Concen: 20.093 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 83 Resp: 84272
Ion Ratio Lower Upper
83 100
85 61.4 53.0 79.4

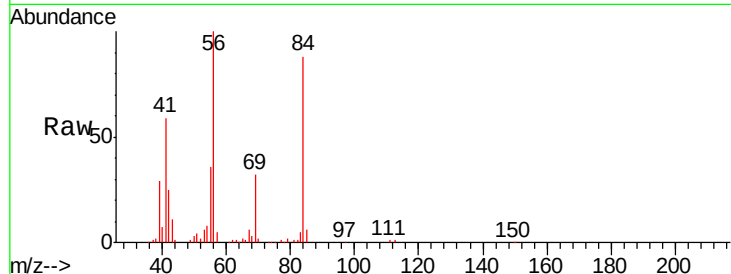




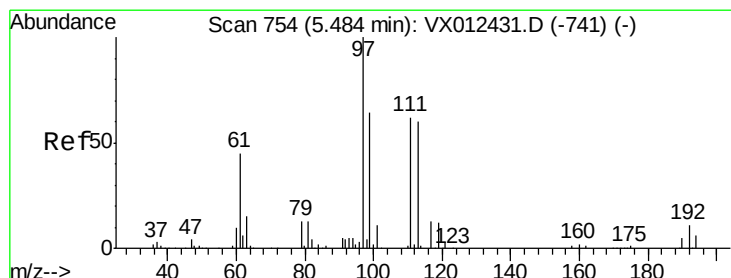
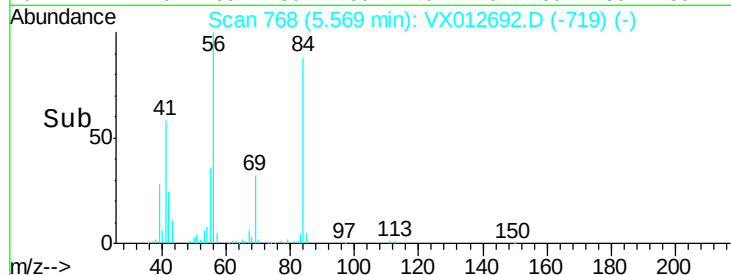
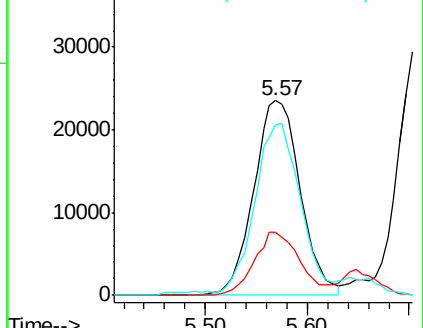
#31
Cyclohexane
Concen: 20.133 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion: 56 Resp: 74664
Ion Ratio Lower Upper
56 100
69 32.2 25.0 37.6
84 86.0 66.4 99.6

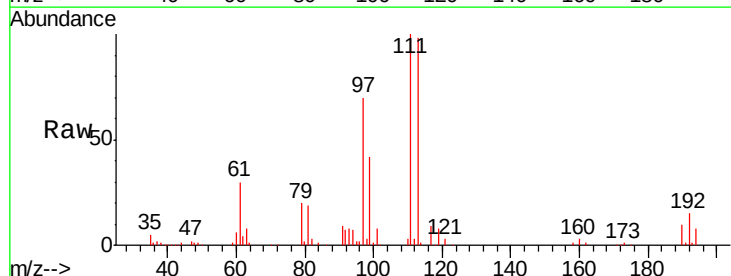


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

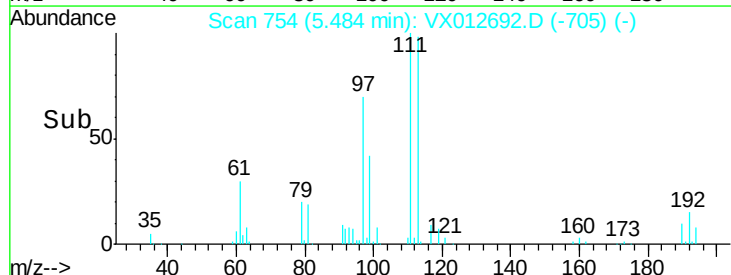
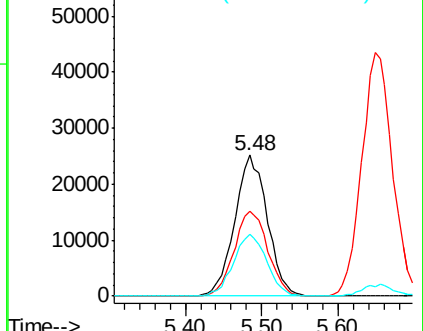


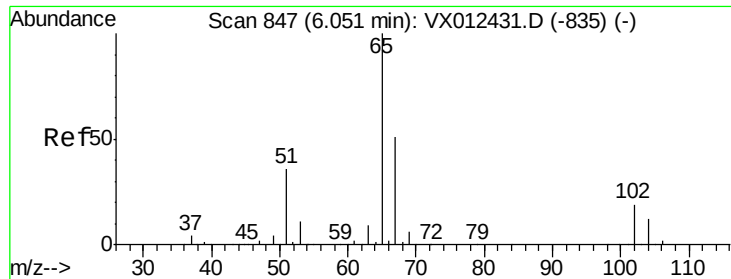
#32
1,1,1-Trichloroethane
Concen: 19.952 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 97 Resp: 74161
Ion Ratio Lower Upper
97 100
99 62.7 51.3 76.9
61 44.8 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

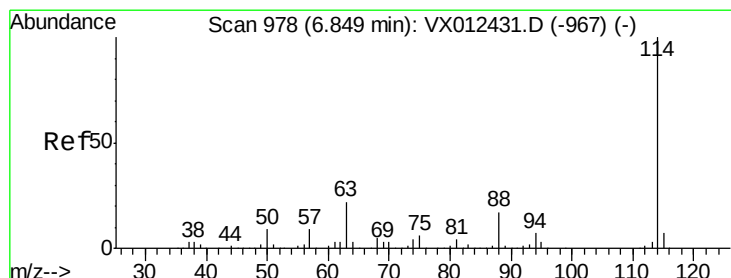
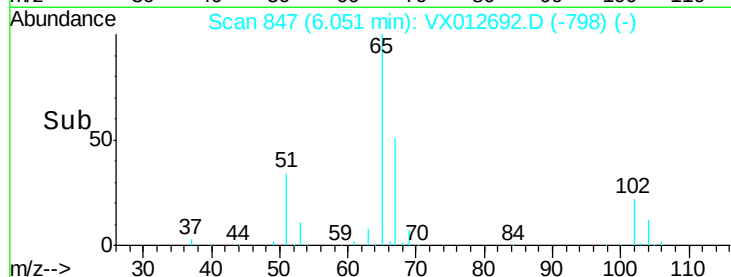
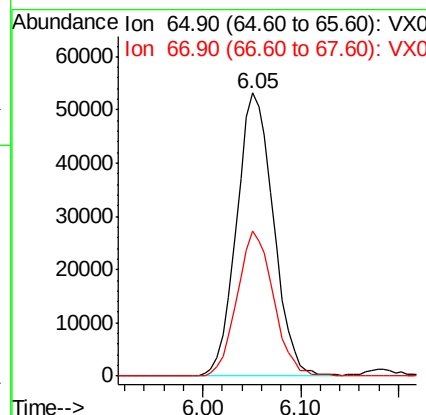
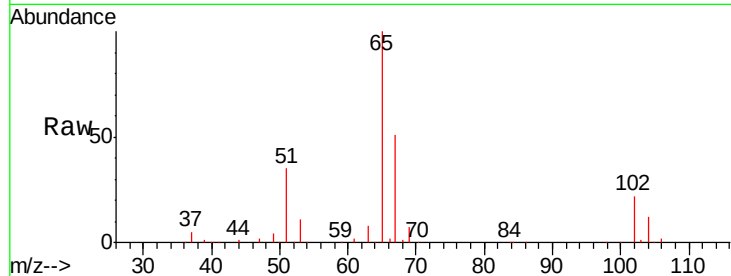




#33
 1,2-Dichloroethane-d4
 Concen: 52.164 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

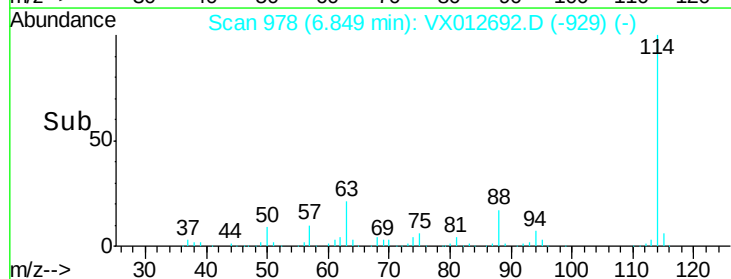
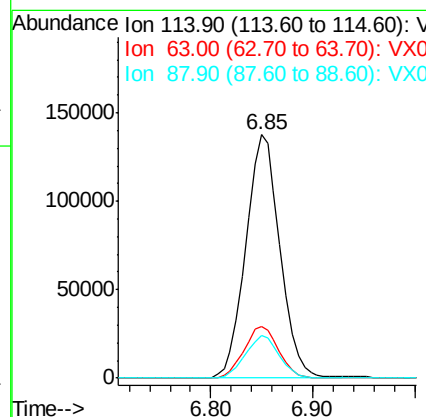
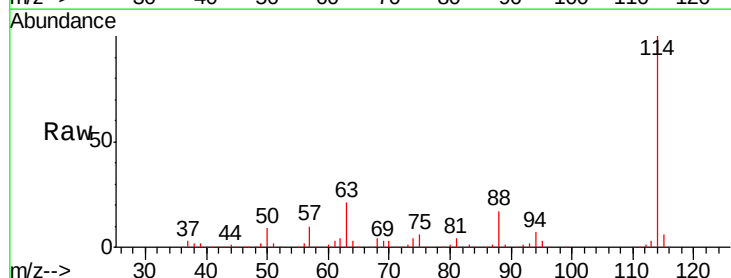
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

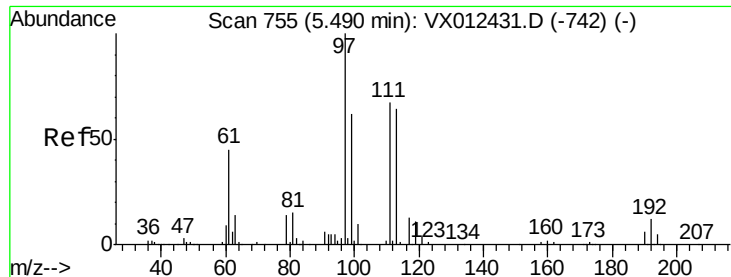
Tgt Ion: 65 Resp: 138983
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 114 Resp: 320806
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.3 0.0 33.2

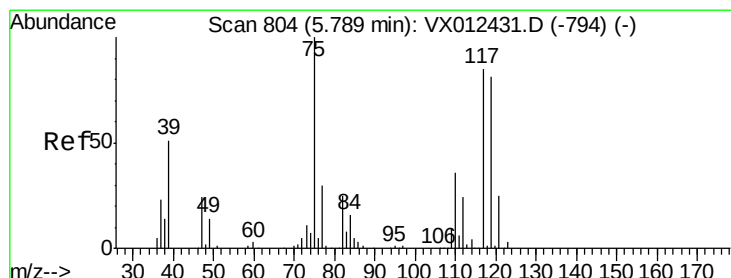
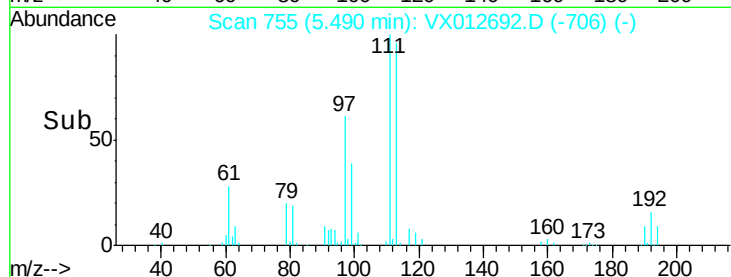
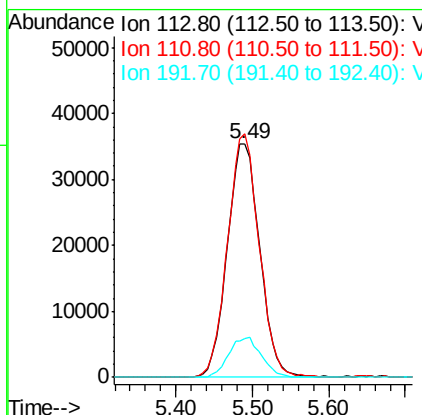
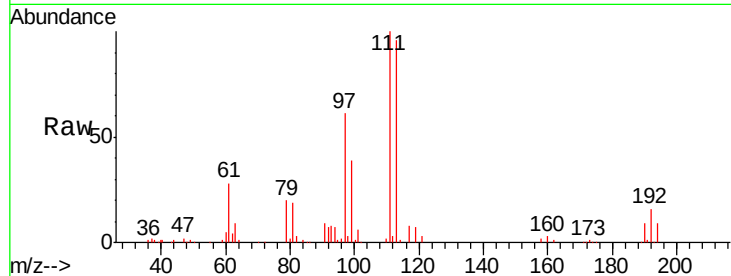




#35
 Dibromofluoromethane
 Concen: 54.480 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

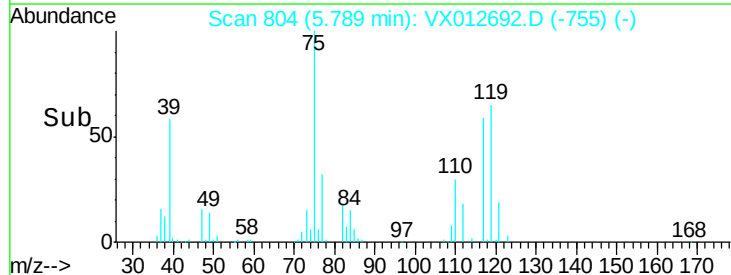
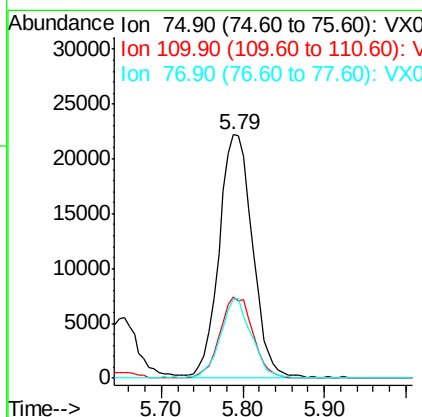
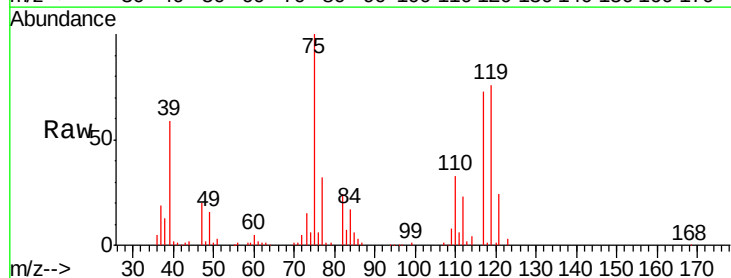
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

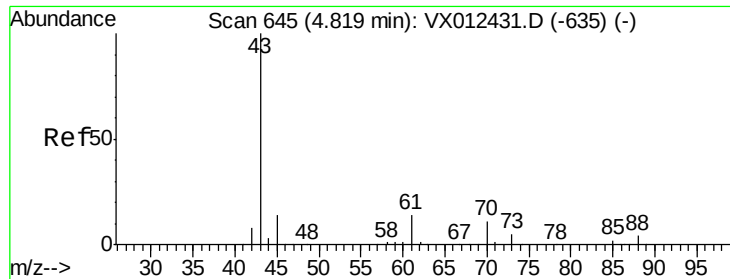
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.4	125.2
192	17.3	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 20.233 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.7	50.0
77	30.5	24.2	36.2

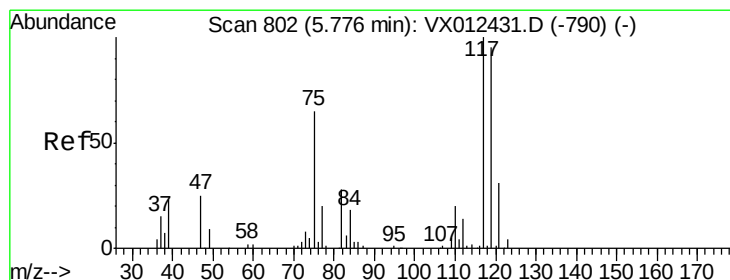
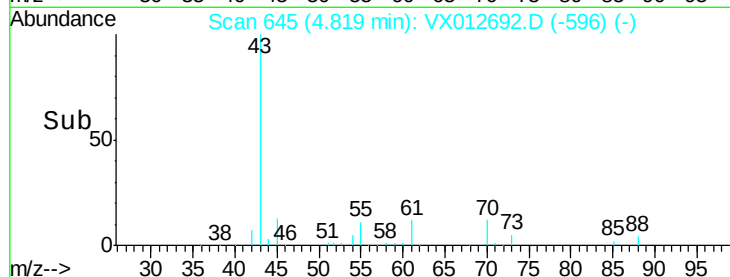
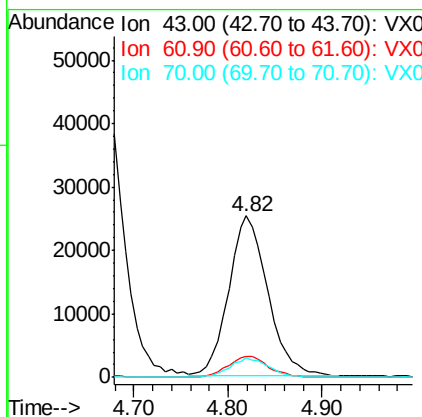
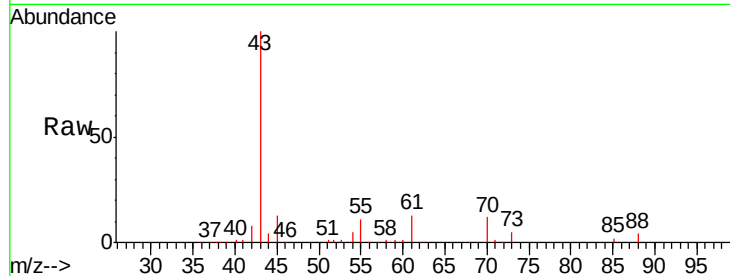




#37
Ethyl Acetate
Concen: 20.130 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

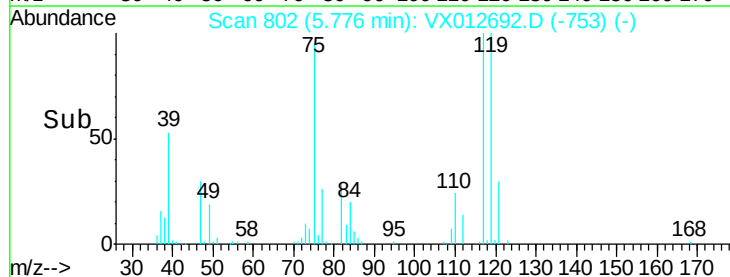
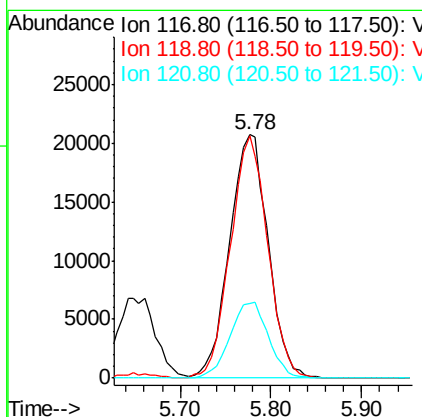
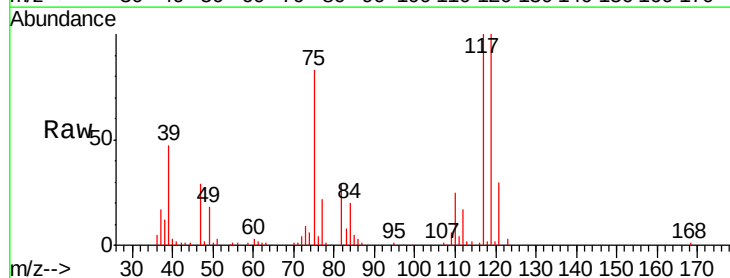
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

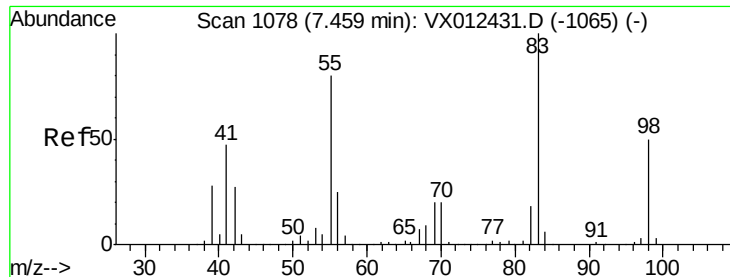
Tgt Ion: 43 Resp: 72771
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.518 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 117 Resp: 61309
Ion Ratio Lower Upper
117 100
119 99.6 75.7 113.5
121 30.5 24.2 36.4

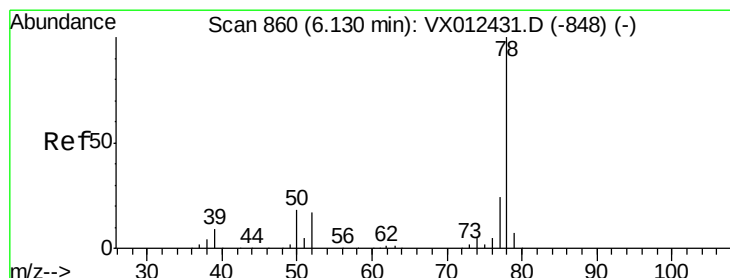
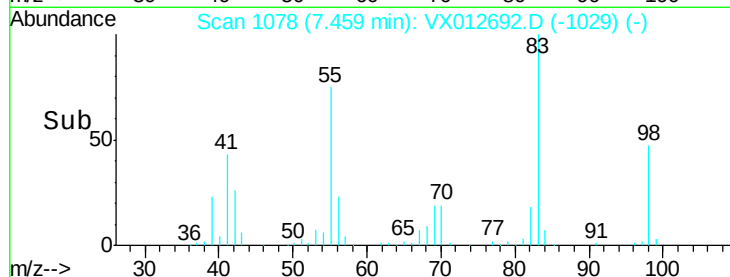
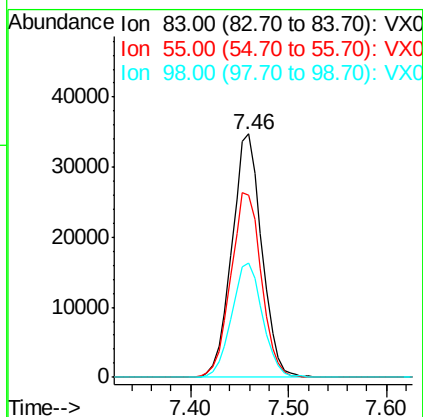
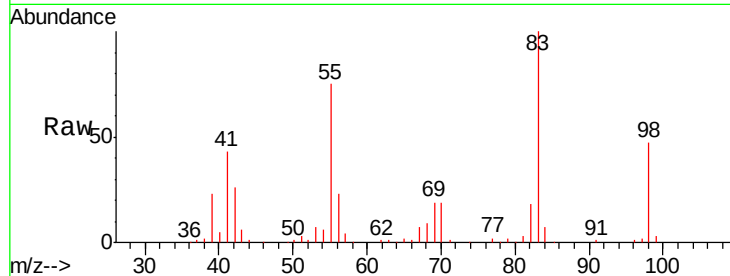




#39
Methylcyclohexane
Concen: 19.759 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

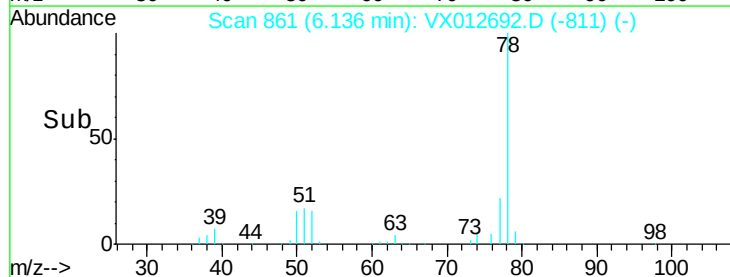
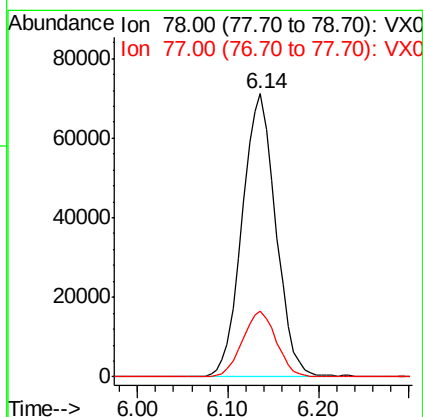
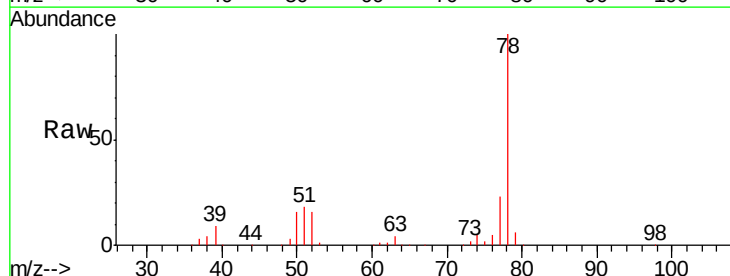
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

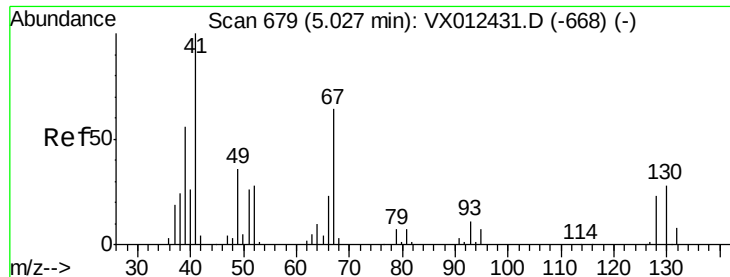
Tgt Ion: 83 Resp: 73557
Ion Ratio Lower Upper
83 100
55 74.9 64.4 96.6
98 47.0 40.1 60.1



#40
Benzene
Concen: 20.080 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 78 Resp: 182695
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

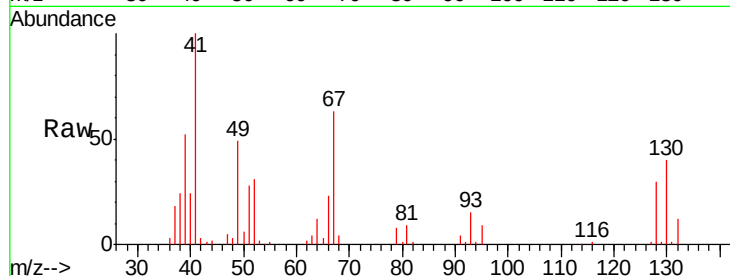




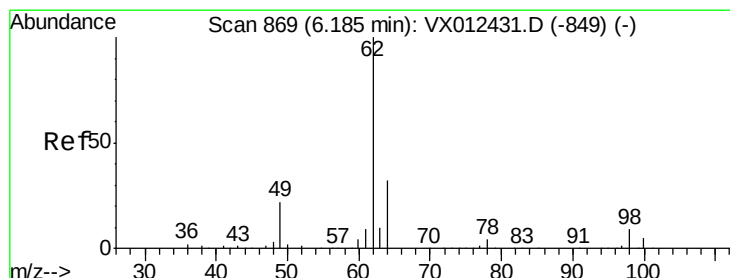
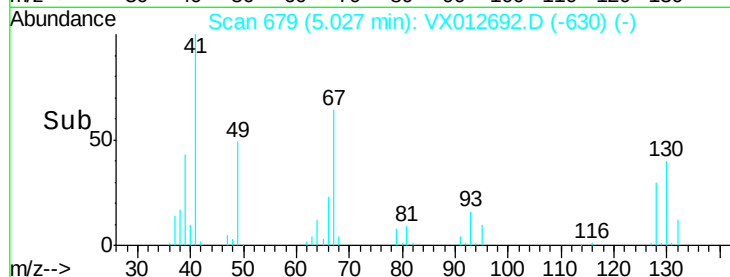
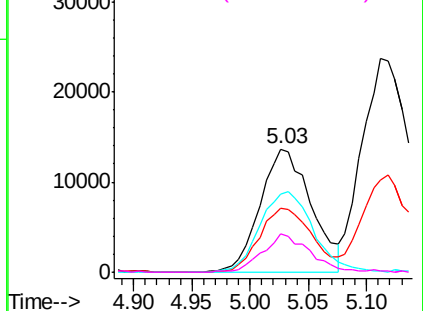
#41
Methacrylonitrile
Concen: 20.566 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion:	41	Resp:	41714
Ion	Ratio	Lower	Upper
41	100		
39	52.4	46.0	69.0
67	67.9	52.2	78.2
52	29.2	22.7	34.1

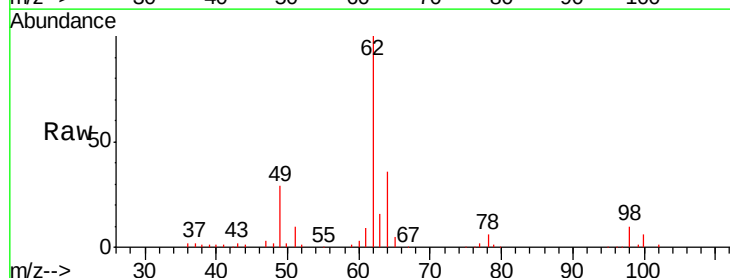


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

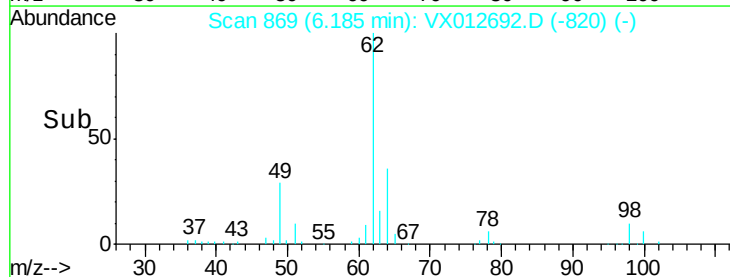
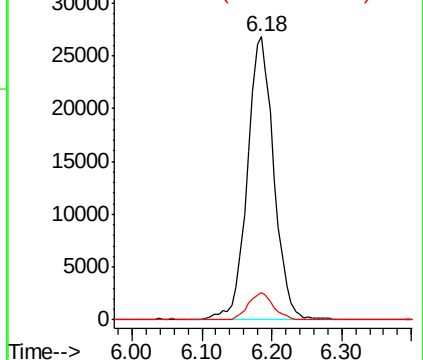


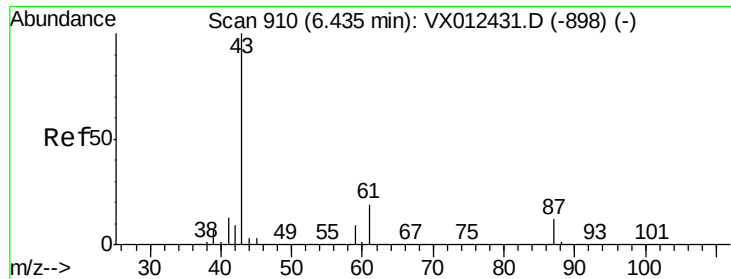
#42
1,2-Dichloroethane
Concen: 20.388 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion:	62	Resp:	70438
Ion	Ratio	Lower	Upper
62	100		
98	9.3	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: 20.028 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

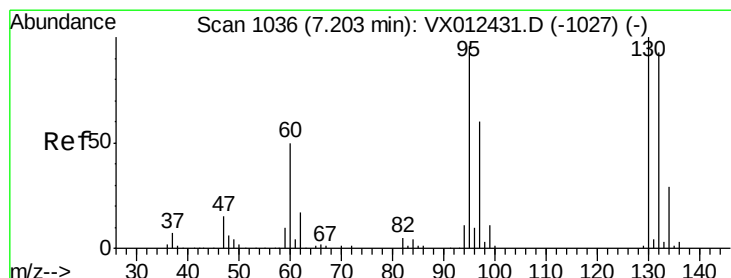
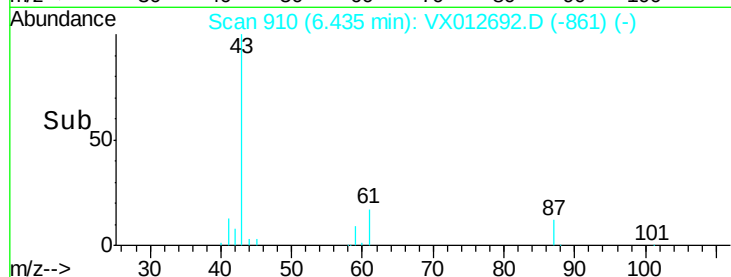
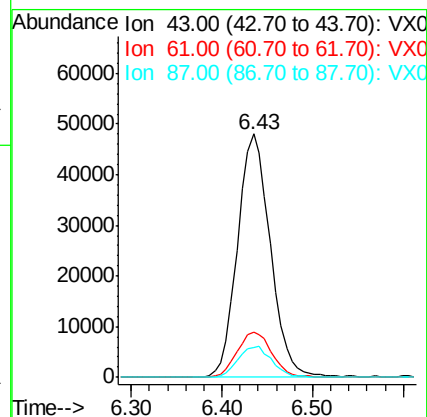
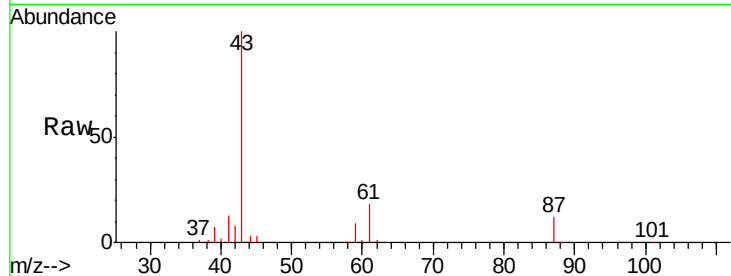
Tgt Ion: 43 Resp: 121081

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

87 13.1 9.8 14.8



#44

Trichloroethene

Concen: 19.948 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012692.D

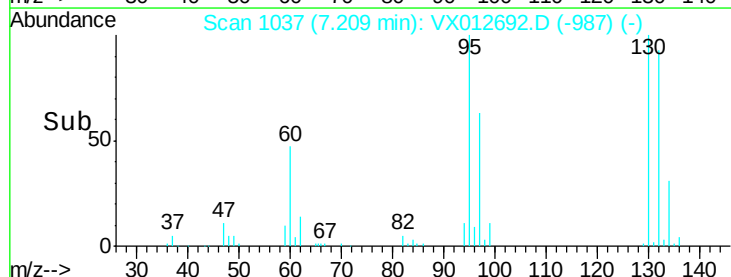
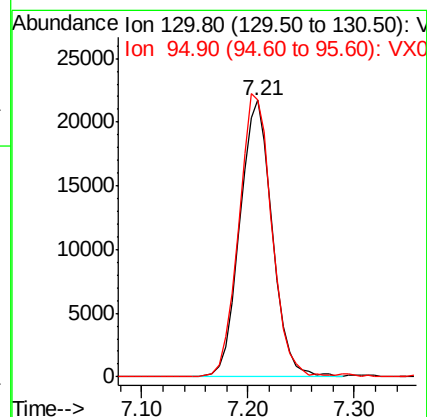
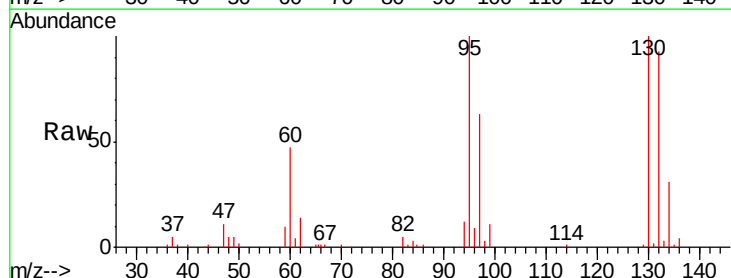
Acq: 27 Sep 2019 12:28

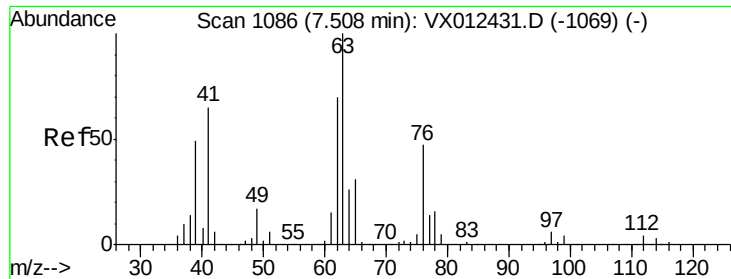
Tgt Ion: 130 Resp: 46398

Ion Ratio Lower Upper

130 100

95 99.8 0.0 193.0

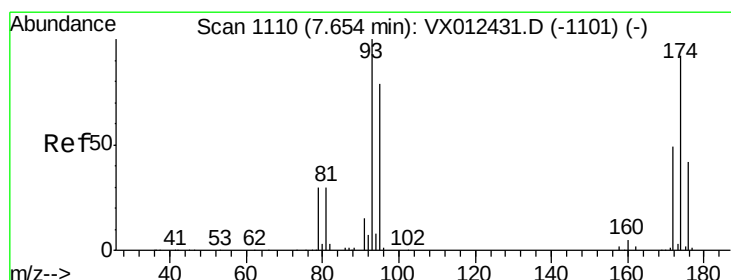
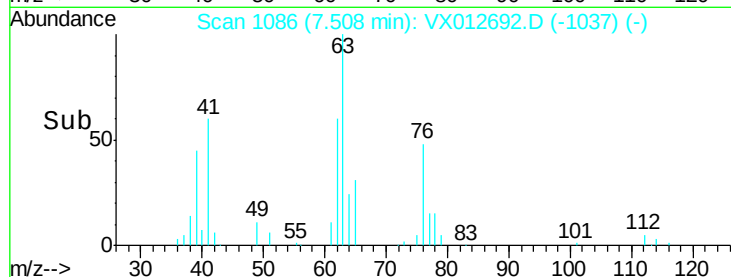
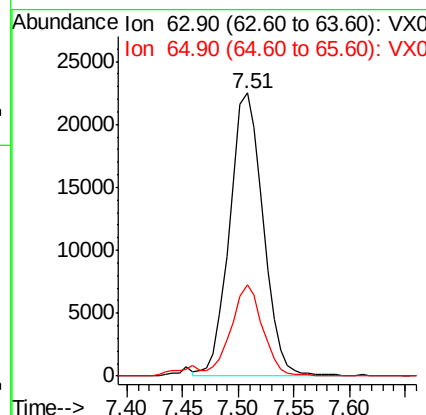
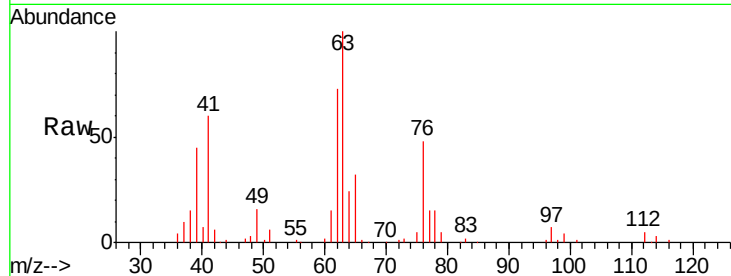




#45
 1,2-Dichloropropane
 Concen: 20.216 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

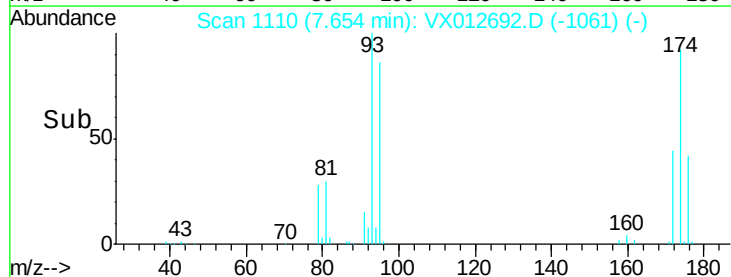
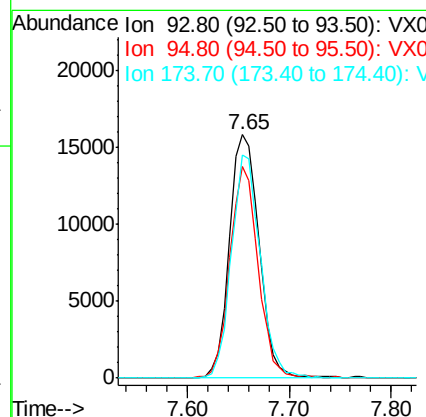
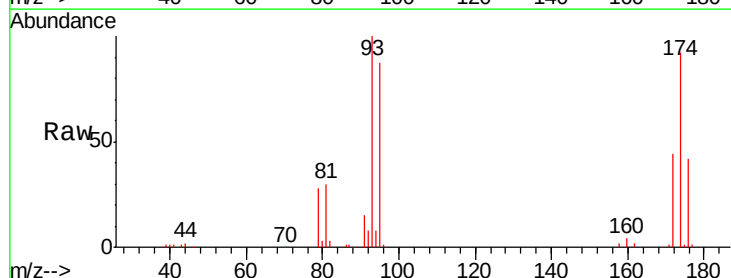
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0927WBSD01

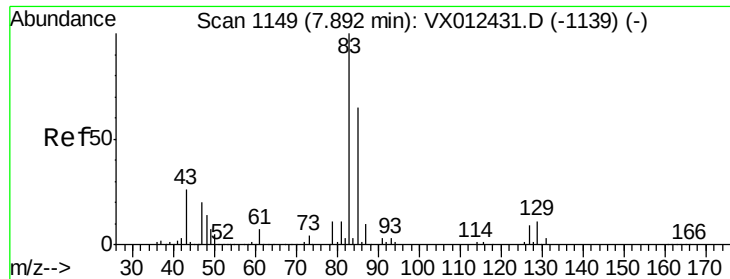
Tgt Ion: 63 Resp: 47089
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.0 37.6



#46
 Dibromomethane
 Concen: 20.067 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 93 Resp: 31825
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 100.0
 174 88.9 77.4 116.0





#47

Bromodichloromethane

Concen: 19.525 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

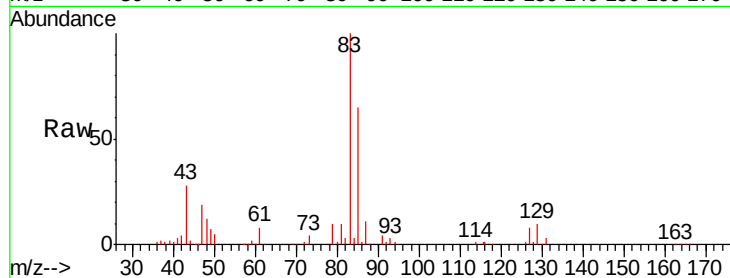
Tgt Ion: 83 Resp: 61889

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6

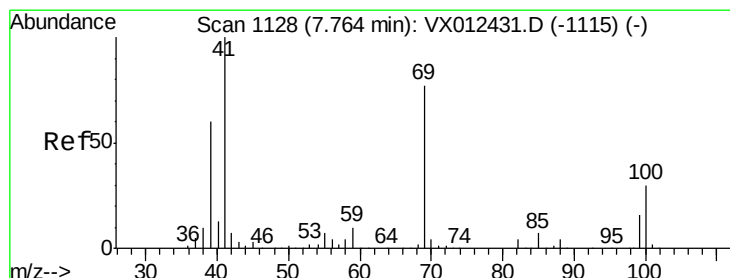
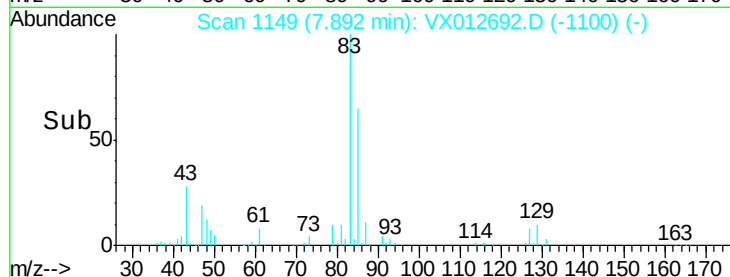
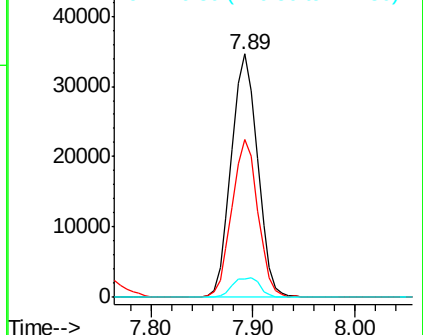
127 7.6 7.3 10.9



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: 19.604 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

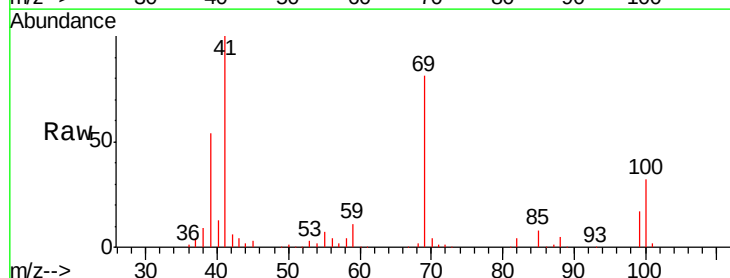
Tgt Ion: 41 Resp: 56829

Ion Ratio Lower Upper

41 100

69 79.7 59.9 89.9

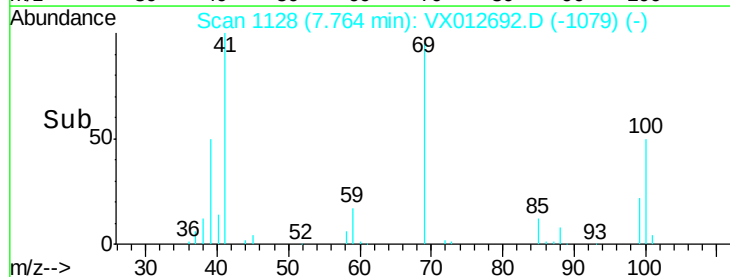
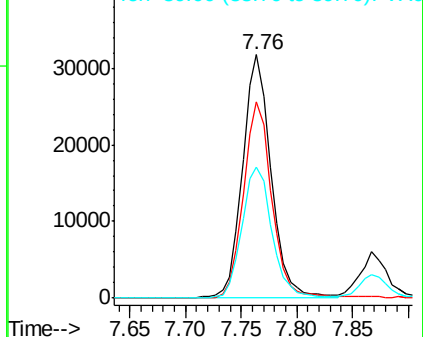
39 56.8 47.8 71.6

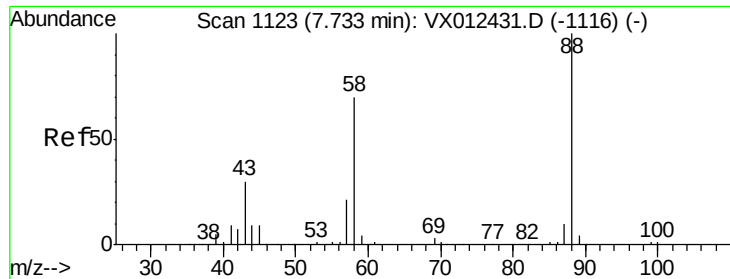


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

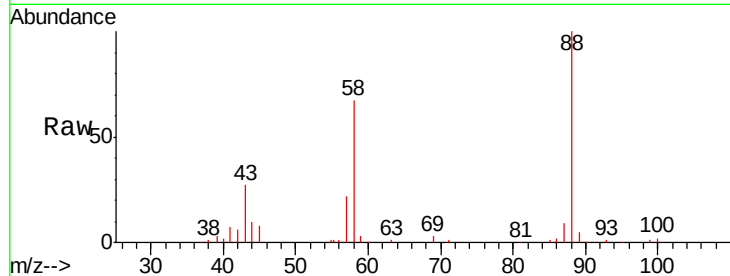




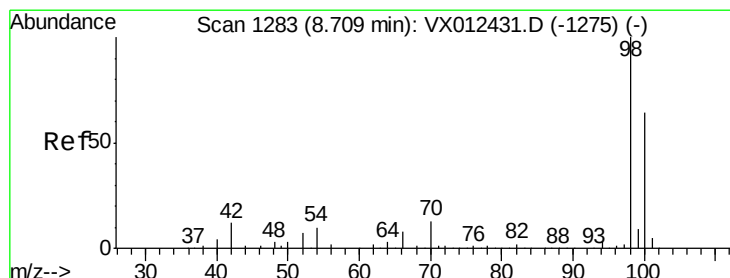
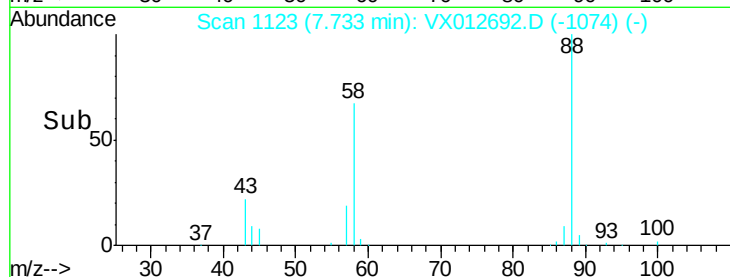
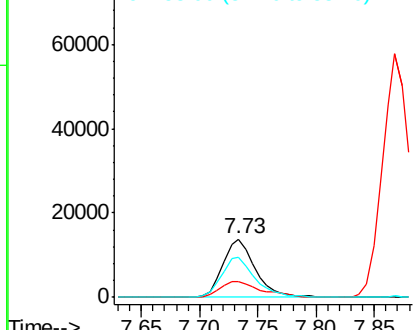
#49
1,4-Dioxane
Concen: 403.613 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion: 88 Resp: 26538
Ion Ratio Lower Upper
88 100
43 34.2 29.4 44.0
58 71.7 57.5 86.3

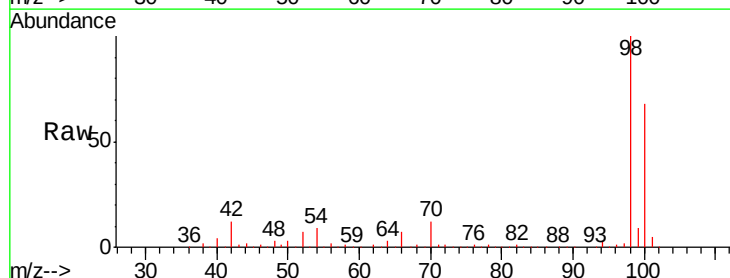


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

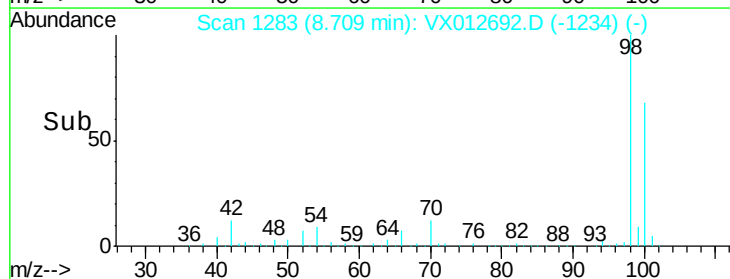
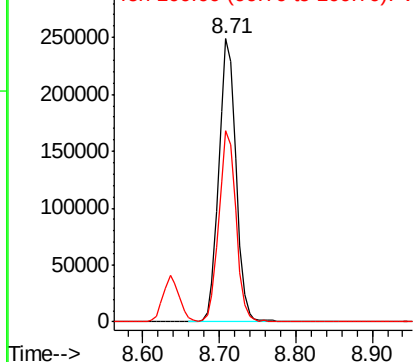


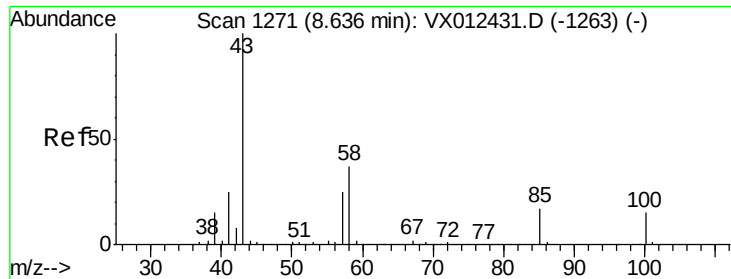
#50
Toluene-d8
Concen: 52.776 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 98 Resp: 388308
Ion Ratio Lower Upper
98 100
100 66.7 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: 100.781 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

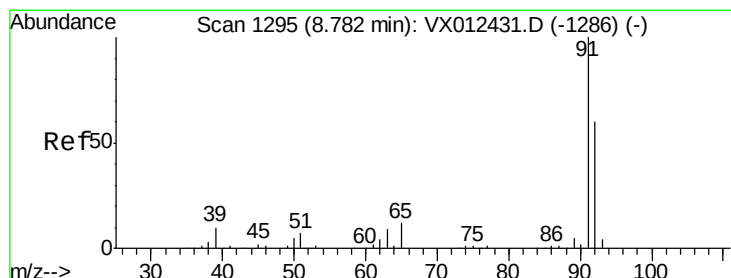
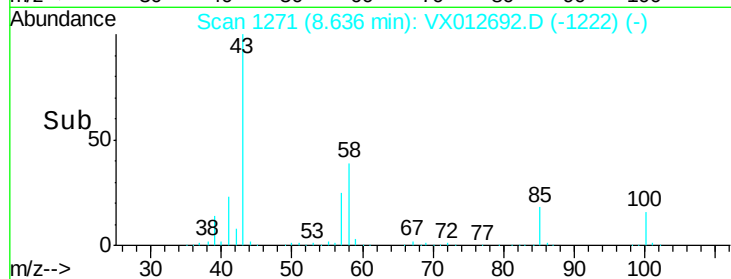
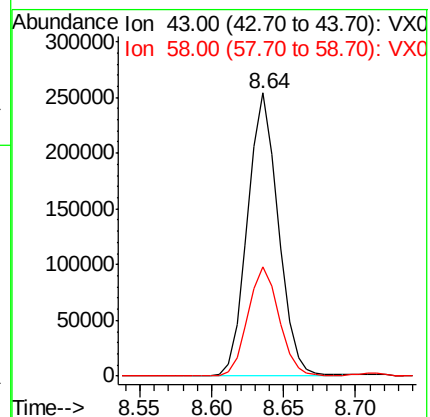
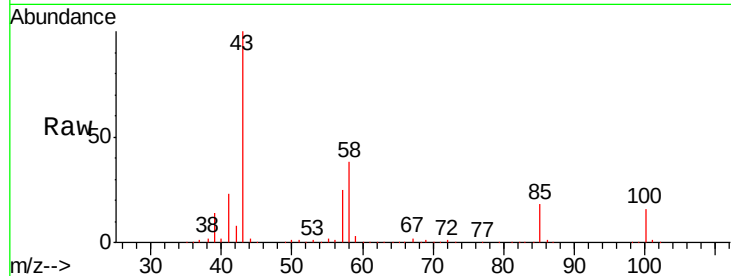
VX0927WBSD01

Tgt Ion: 43 Resp: 376101

Ion Ratio Lower Upper

43 100

58 39.0 29.8 44.6



#52

Toluene

Concen: 20.719 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012692.D

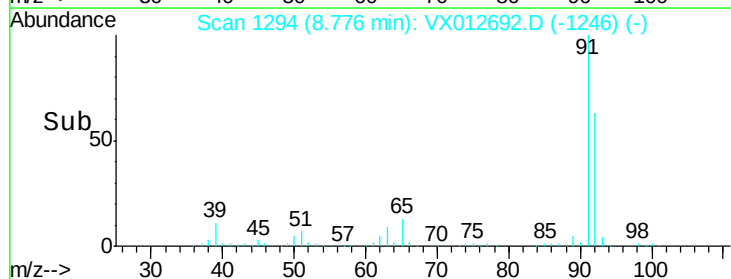
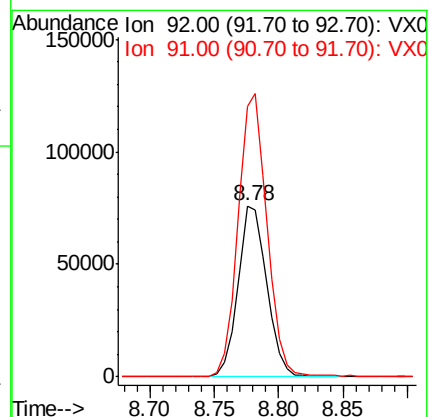
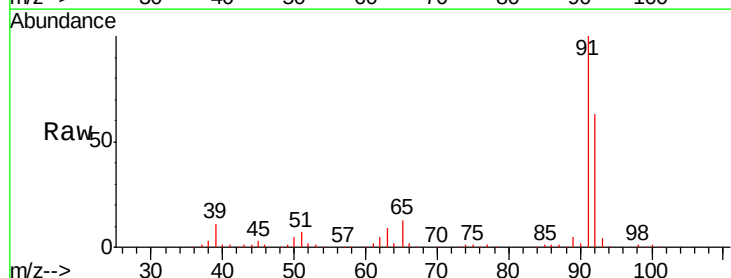
Acq: 27 Sep 2019 12:28

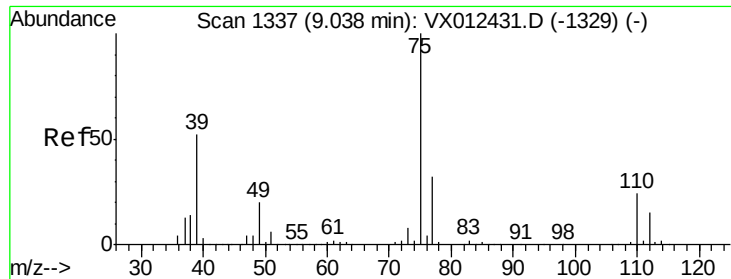
Tgt Ion: 92 Resp: 118475

Ion Ratio Lower Upper

92 100

91 165.6 135.4 203.0

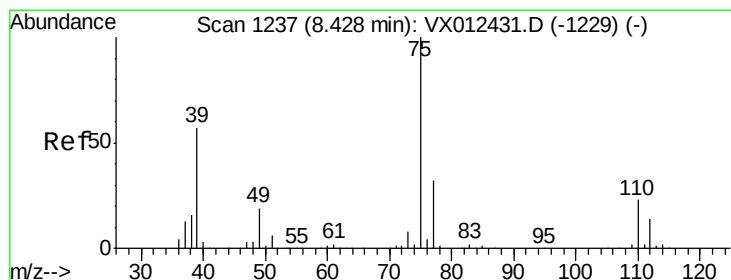
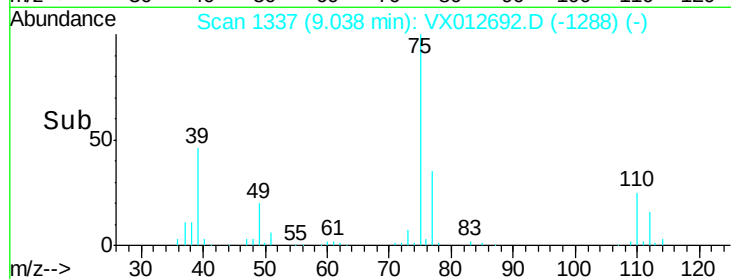
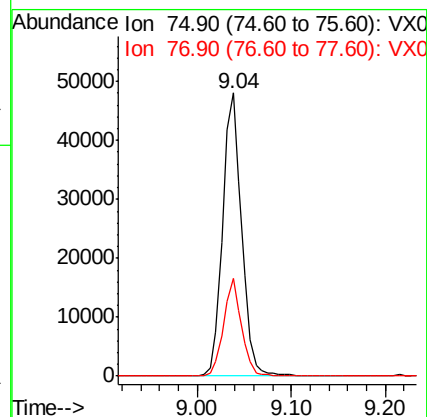
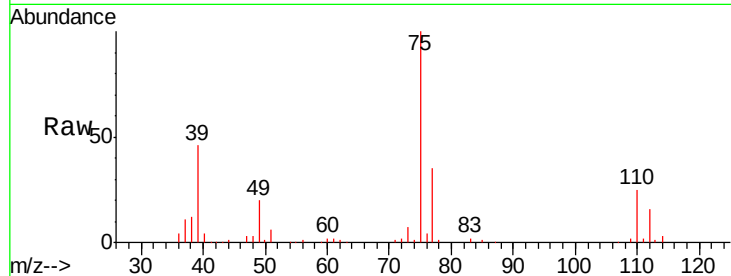




#53
t-1,3-Dichloropropene
Concen: 19.137 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

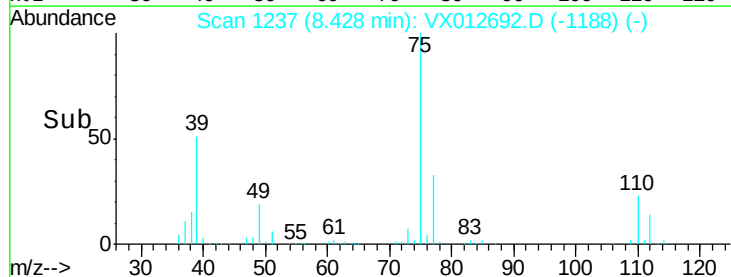
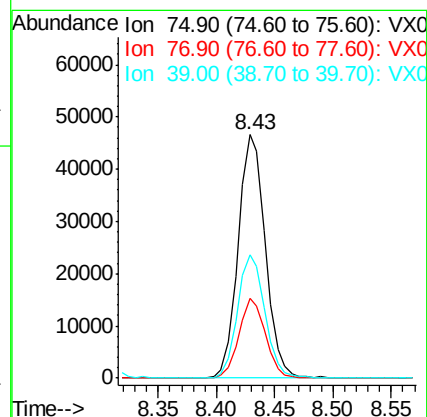
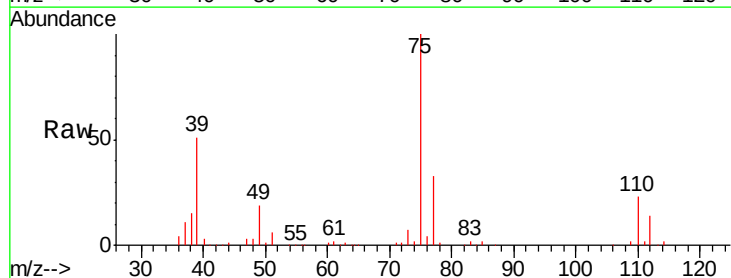
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

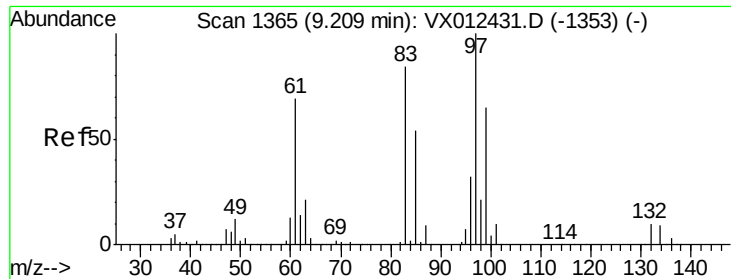
Tgt Ion: 75 Resp: 67114
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.853 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 75 Resp: 76020
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
39 50.8 45.5 68.3

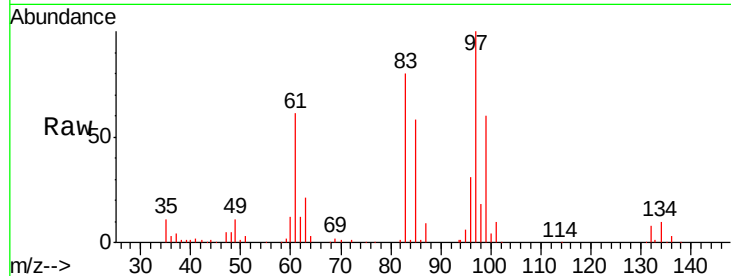




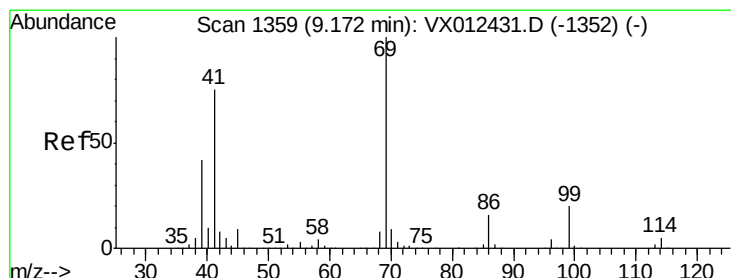
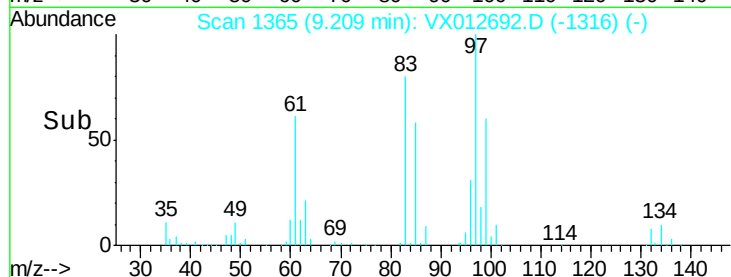
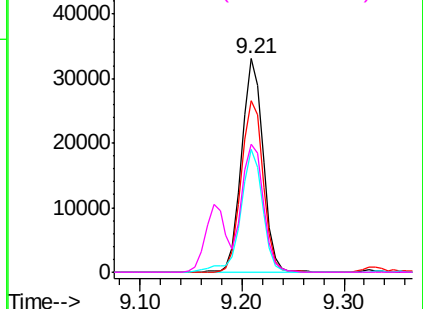
#55
 1,1,2-Trichloroethane
 Concen: 21.161 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

Tgt Ion:	97	Resp:	48107
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.4	101.2
85	57.6	43.5	65.3
99	59.8	51.8	77.8

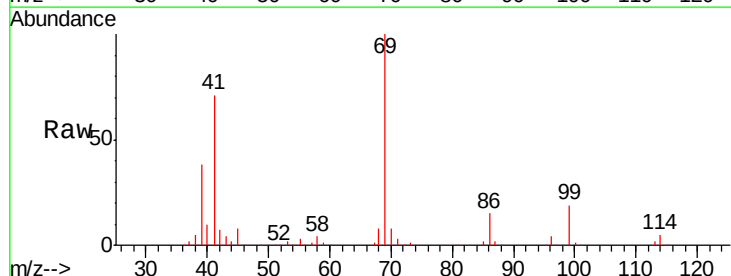


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

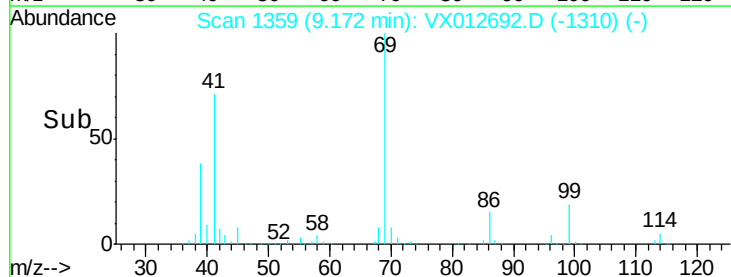
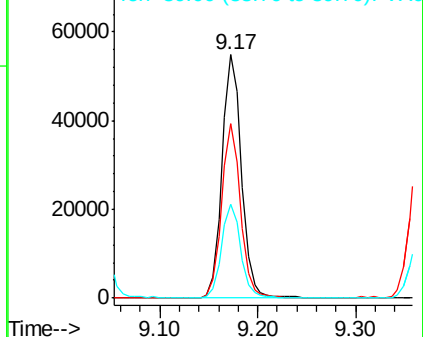


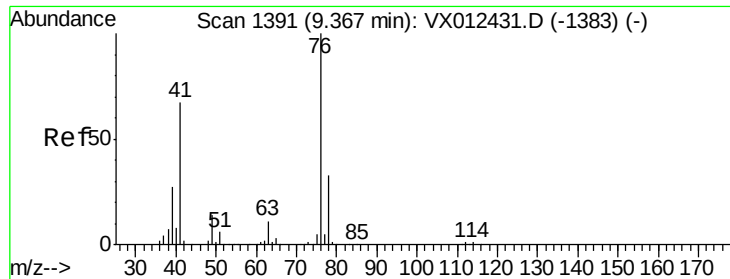
#56
 Ethyl methacrylate
 Concen: 19.862 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion:	69	Resp:	75859
Ion	Ratio	Lower	Upper
69	100		
41	70.0	58.4	87.6
39	38.8	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

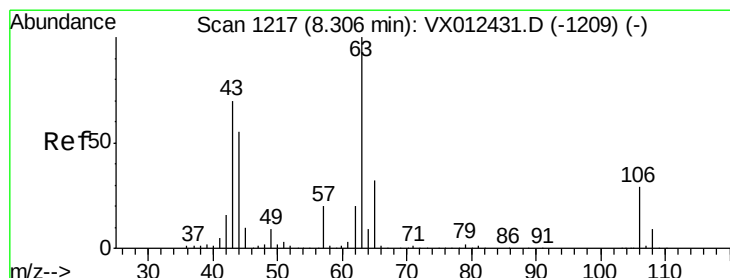
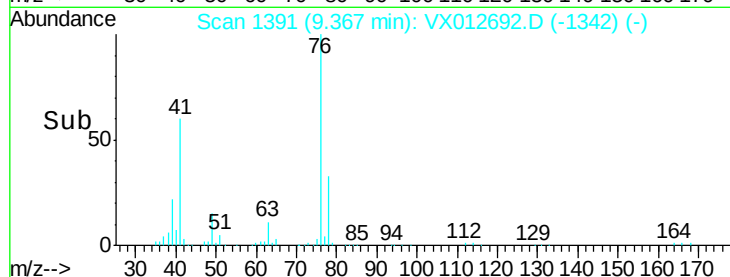
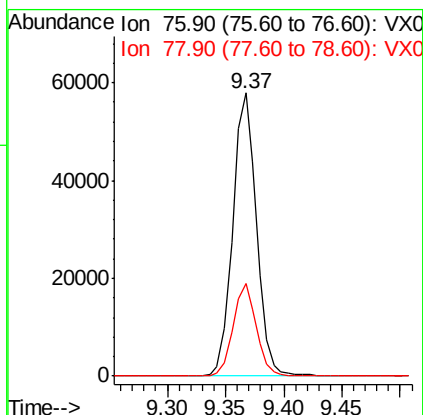
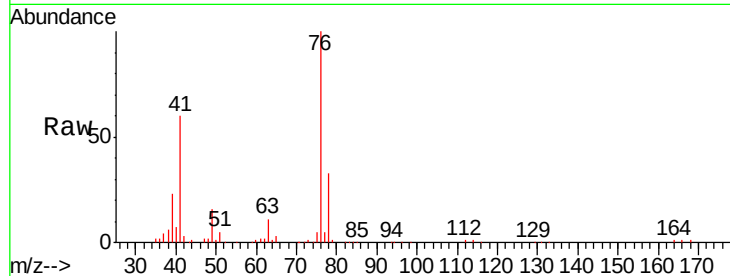




#57
 1,3-Dichloropropane
 Concen: 20.674 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

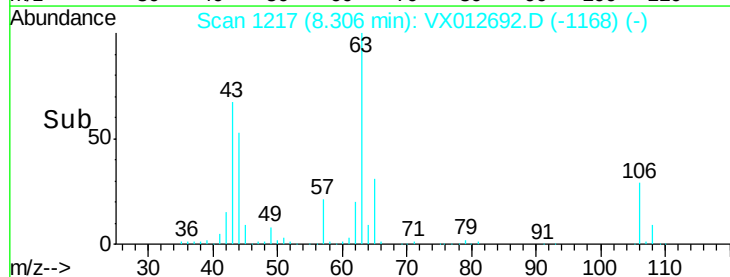
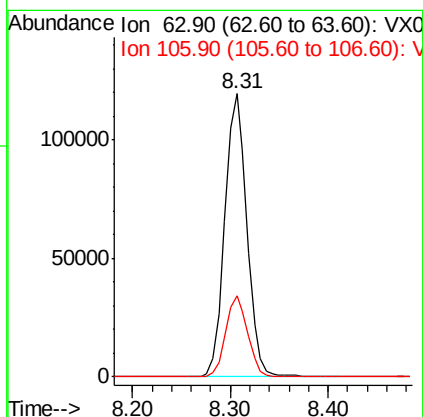
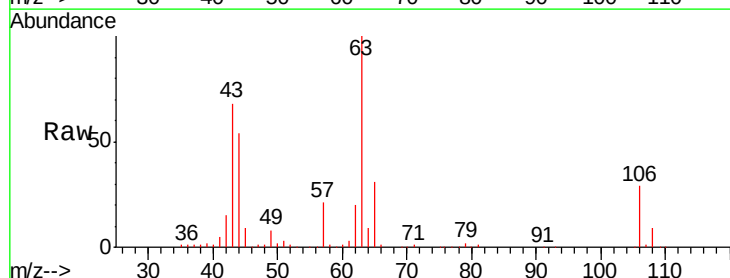
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

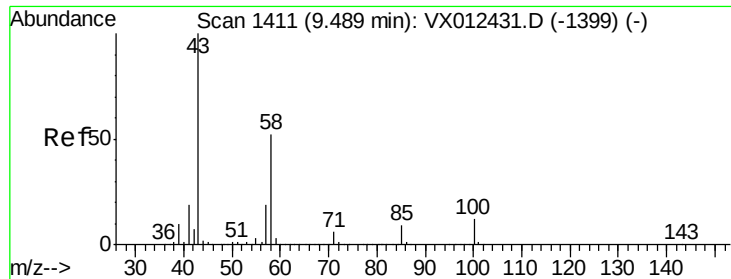
Tgt Ion: 76 Resp: 82258
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.394 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 63 Resp: 187547
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.8 35.6

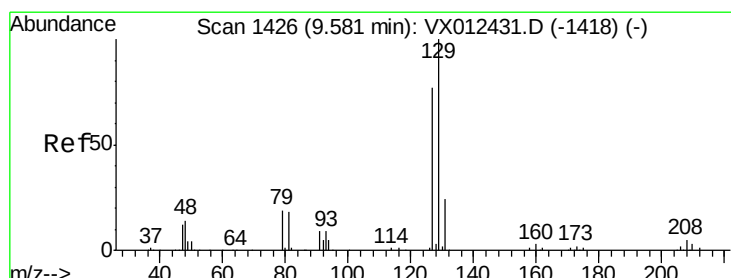
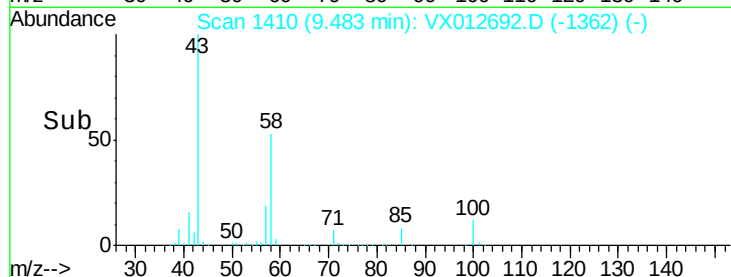
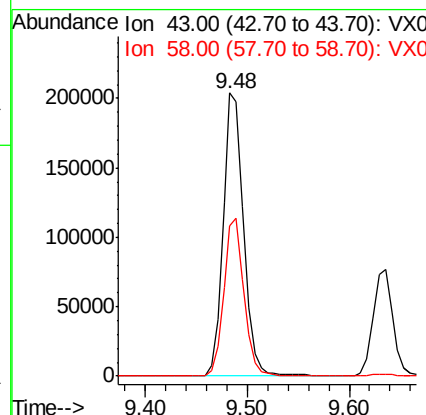
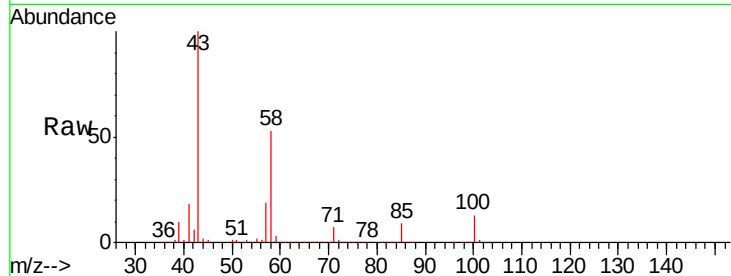




#59
2-Hexanone
Concen: 100.070 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

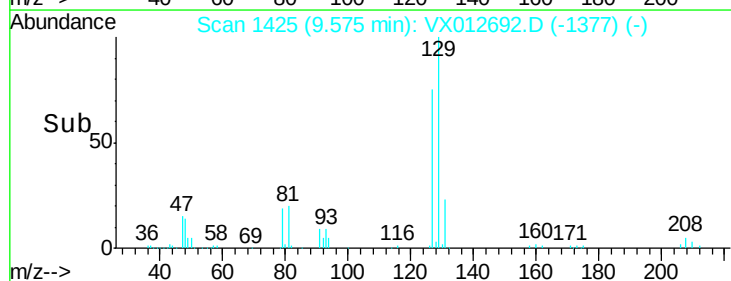
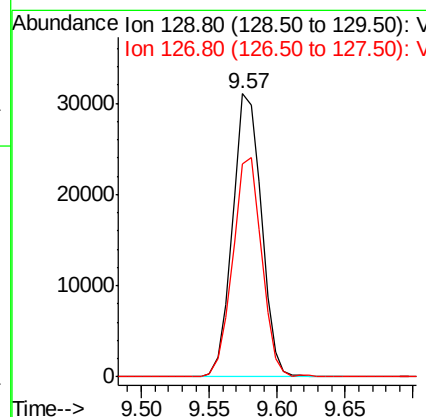
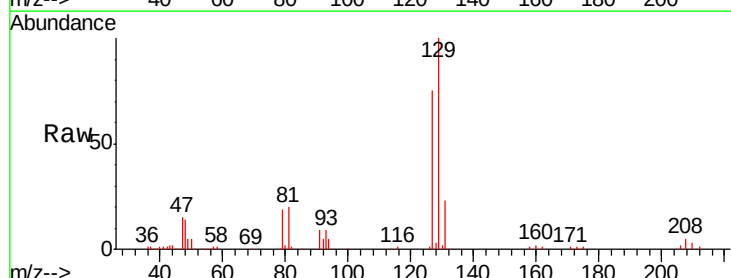
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

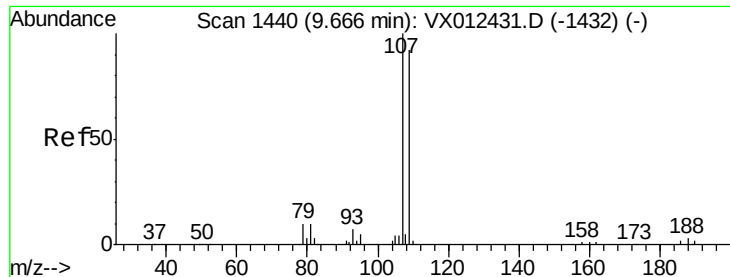
Tgt Ion: 43 Resp: 285853
Ion Ratio Lower Upper
43 100
58 55.4 25.7 77.1



#60
Dibromochloromethane
Concen: 19.873 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 129 Resp: 45736
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

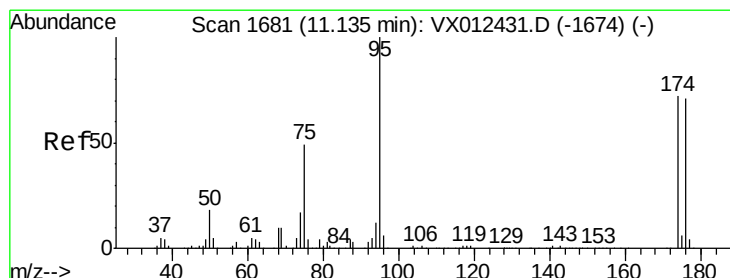
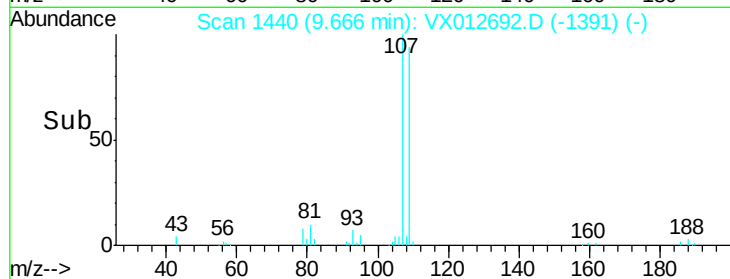
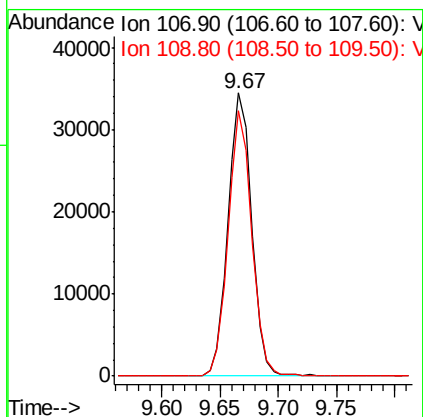
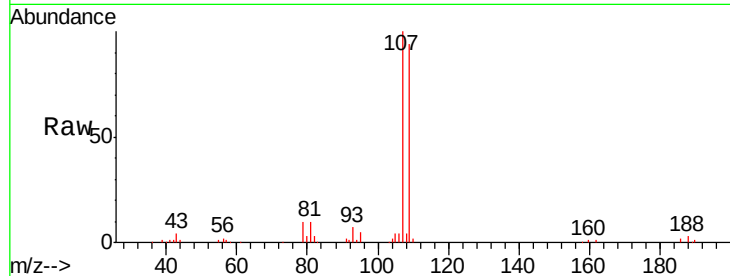




#61
 1,2-Dibromoethane
 Concen: 20.611 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

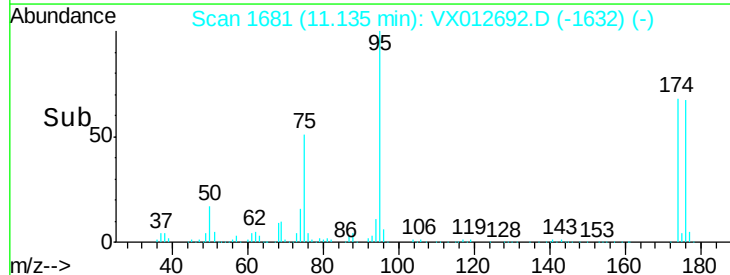
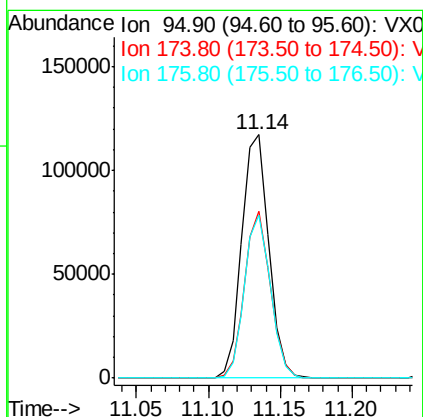
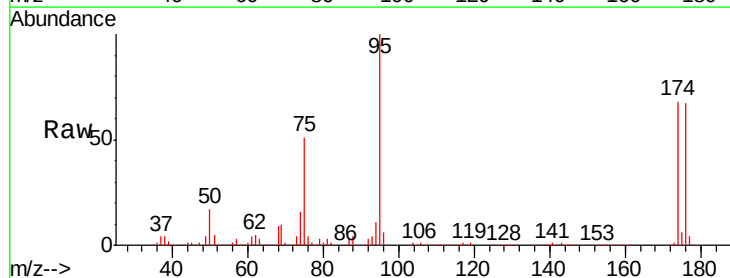
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

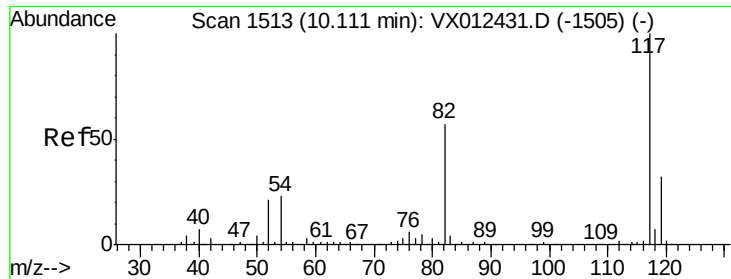
Tgt Ion: 107 Resp: 48767
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 52.571 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 95 Resp: 152089
 Ion Ratio Lower Upper
 95 100
 174 65.7 0.0 140.0
 176 64.6 0.0 135.4

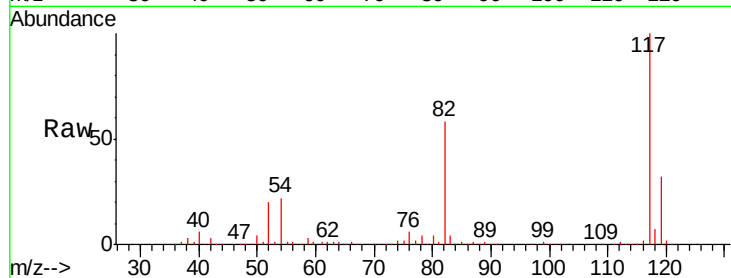




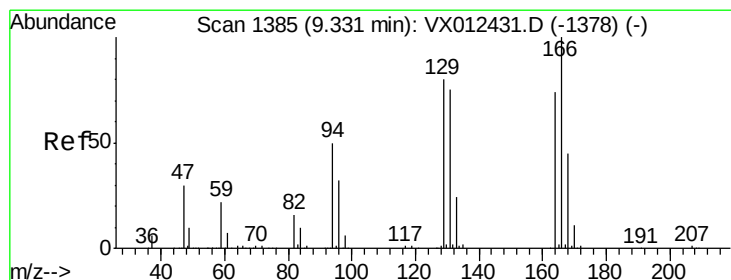
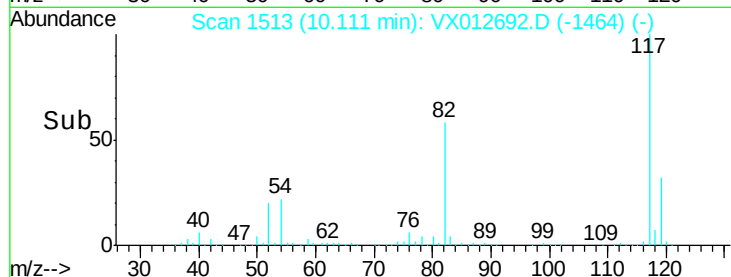
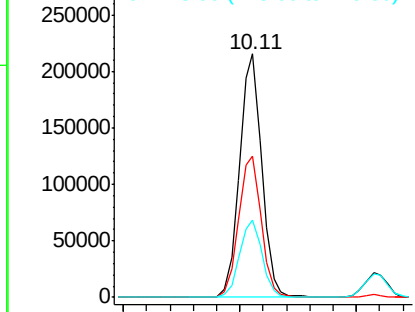
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion:117 Resp: 286154
Ion Ratio Lower Upper
117 100
82 58.1 45.9 68.9
119 31.9 25.3 37.9

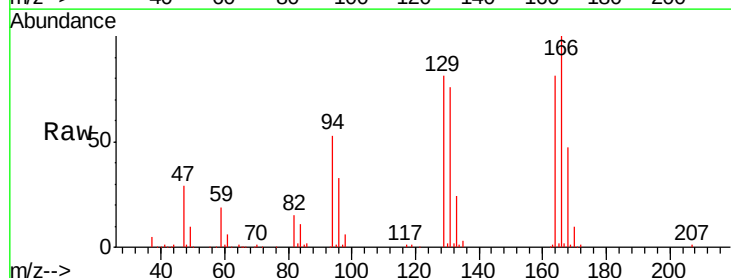


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

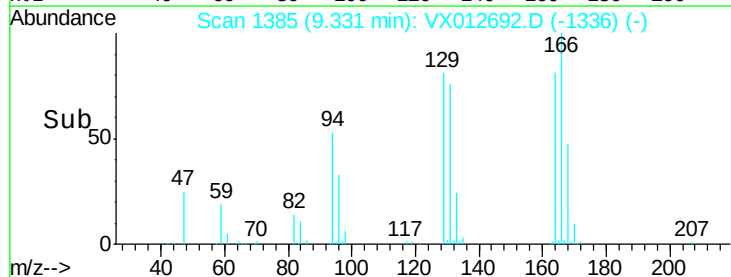
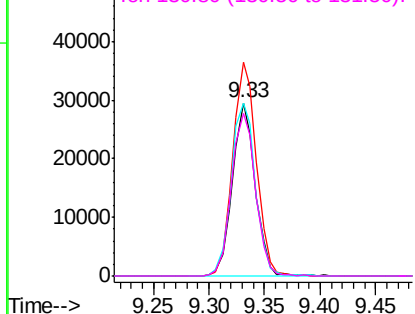


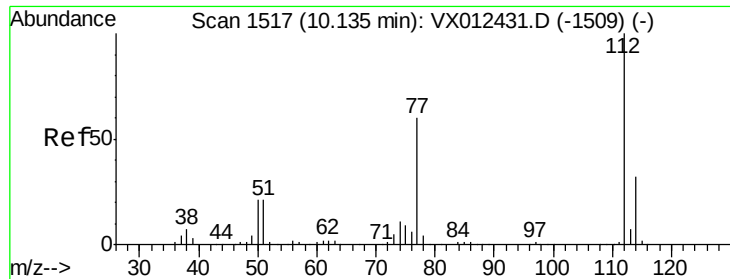
#64
Tetrachloroethene
Concen: 20.978 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion:164 Resp: 41854
Ion Ratio Lower Upper
164 100
166 123.3 107.8 161.6
129 99.6 86.2 129.2
131 94.1 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: 20.118 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

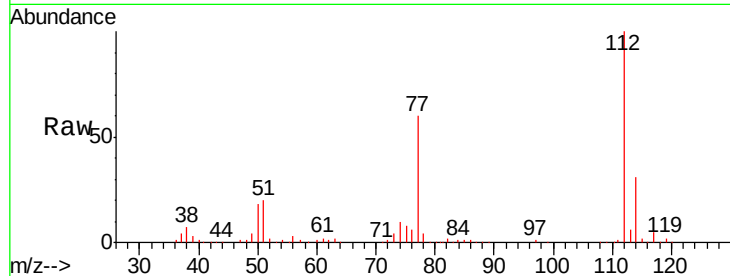
VX0927WBSD01

Tgt Ion:112 Resp: 121225

Ion Ratio Lower Upper

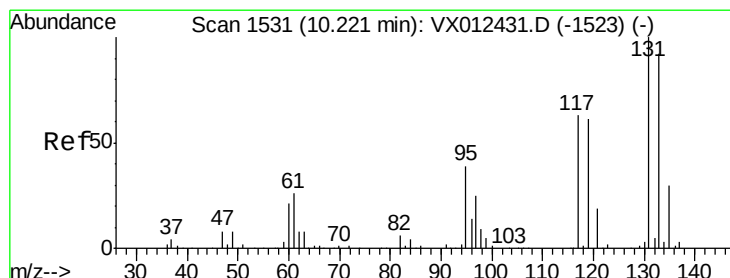
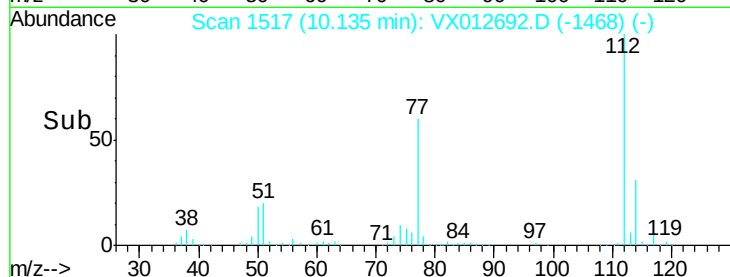
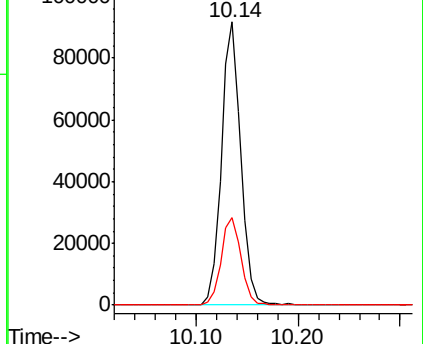
112 100

114 30.8 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: 19.885 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

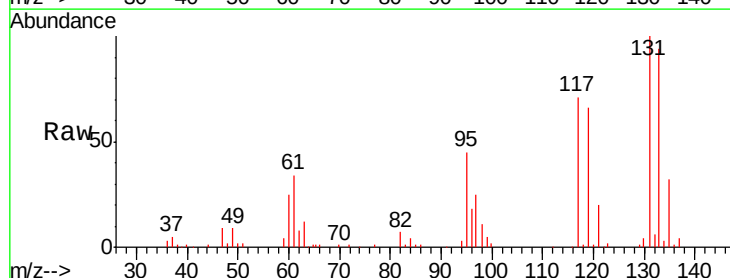
Tgt Ion:131 Resp: 43414

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.9

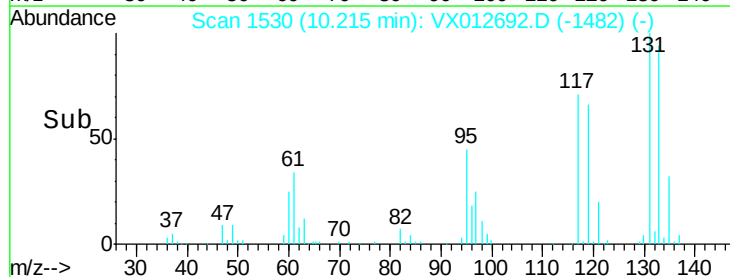
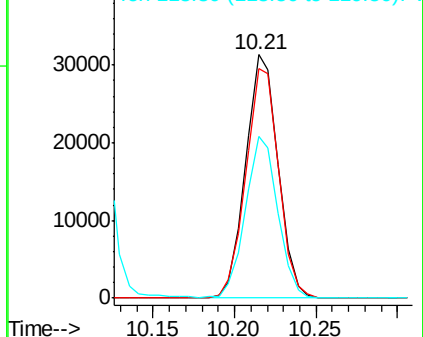
119 66.3 31.3 93.8

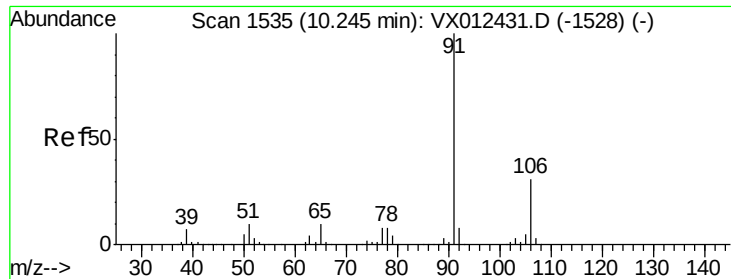


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

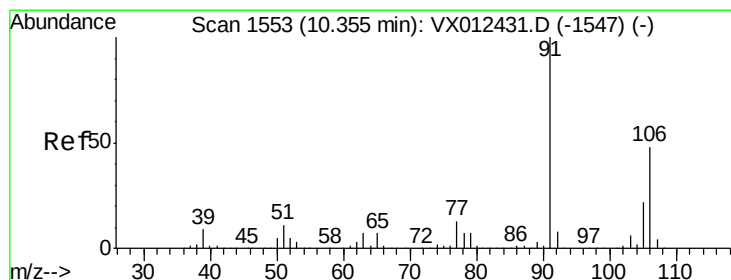
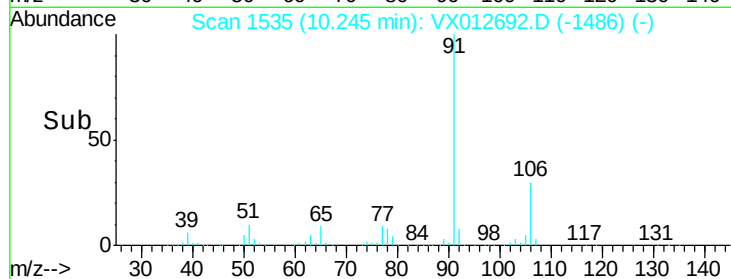
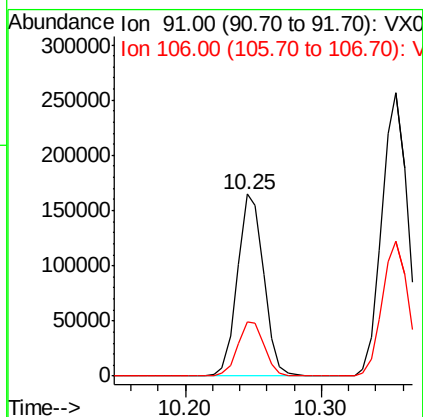
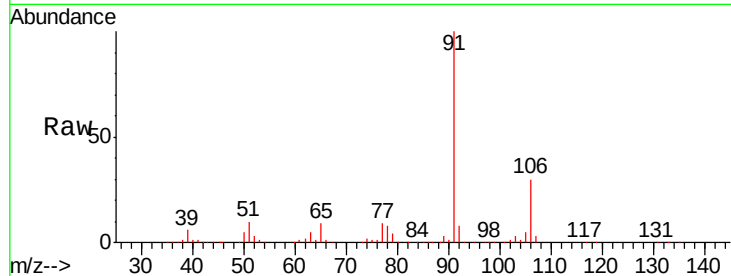




#67
 Ethyl Benzene
 Concen: 20.322 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

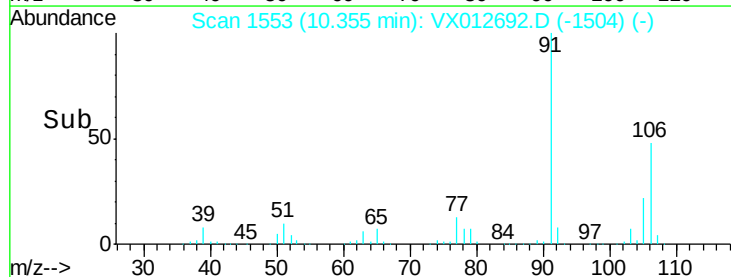
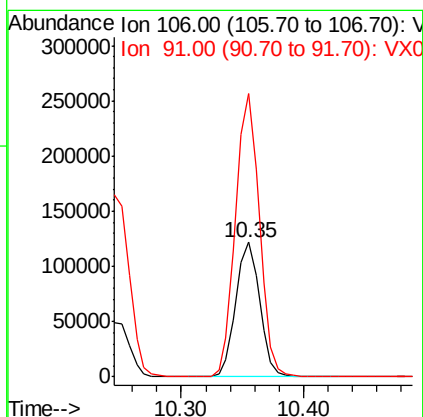
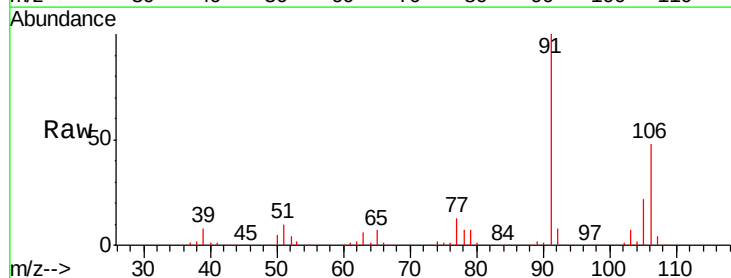
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

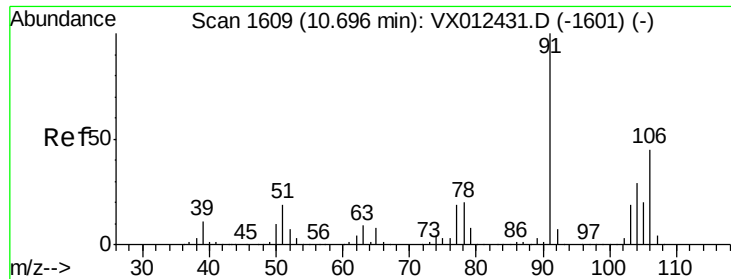
Tgt Ion: 91 Resp: 222102
 Ion Ratio Lower Upper
 91 100
 106 29.7 24.6 37.0



#68
 m/p-Xylenes
 Concen: 40.354 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 106 Resp: 165215
 Ion Ratio Lower Upper
 106 100
 91 209.3 166.6 250.0

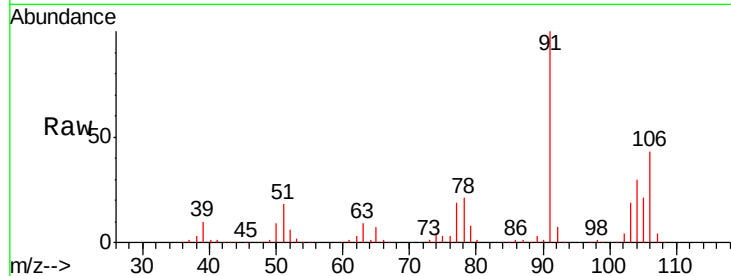




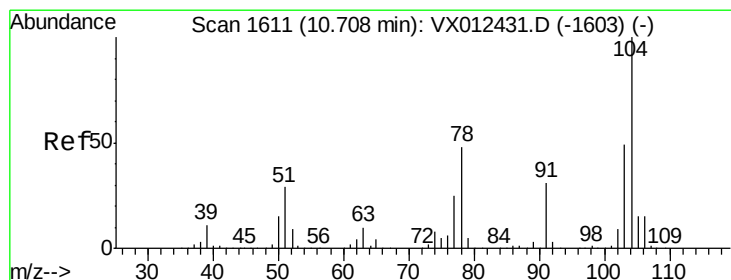
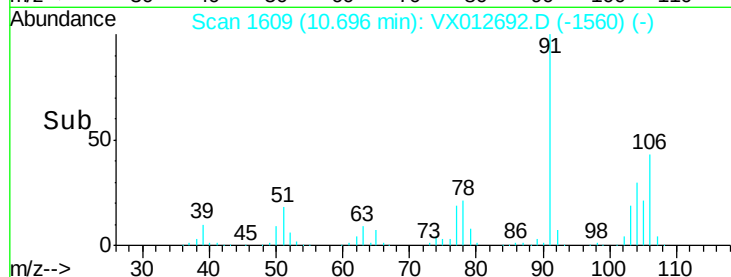
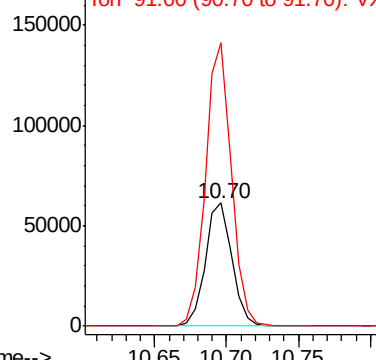
#69
o-Xylene
Concen: 19.965 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion:106 Resp: 79091
Ion Ratio Lower Upper
106 100
91 224.1 109.4 328.2

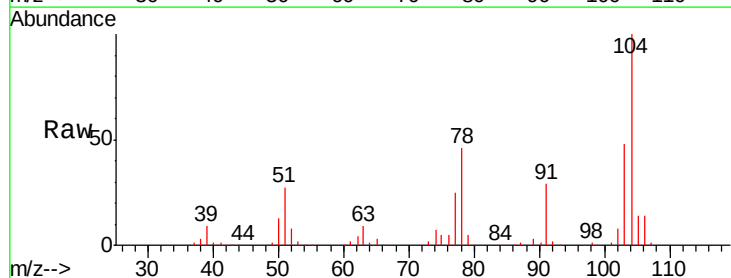


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

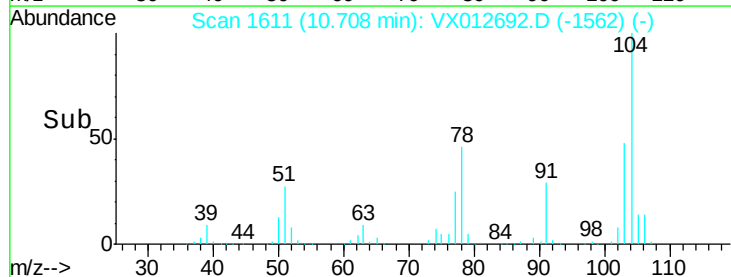
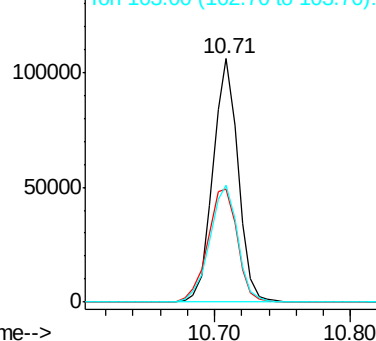


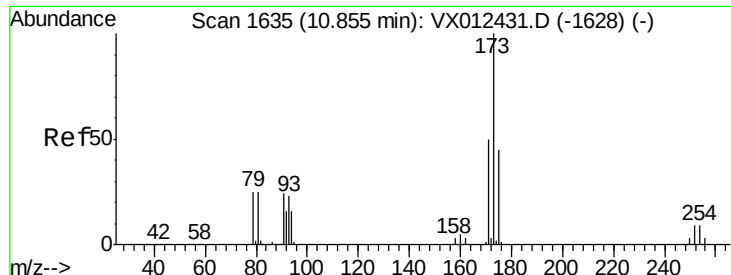
#70
Styrene
Concen: 20.565 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion:104 Resp: 136579
Ion Ratio Lower Upper
104 100
78 54.8 43.4 65.2
103 53.3 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: 19.144 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

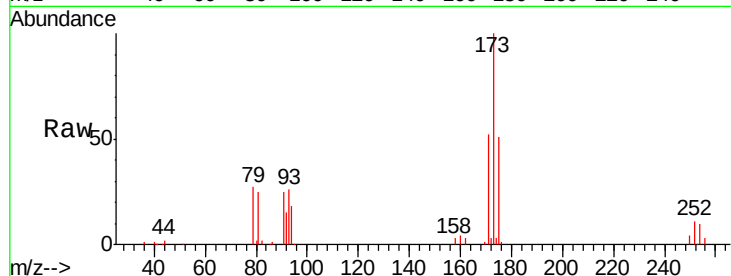
Tgt Ion:173 Resp: 29103

Ion Ratio Lower Upper

173 100

175 50.6 23.7 71.1

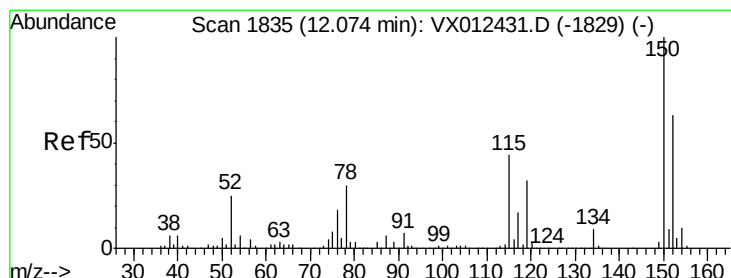
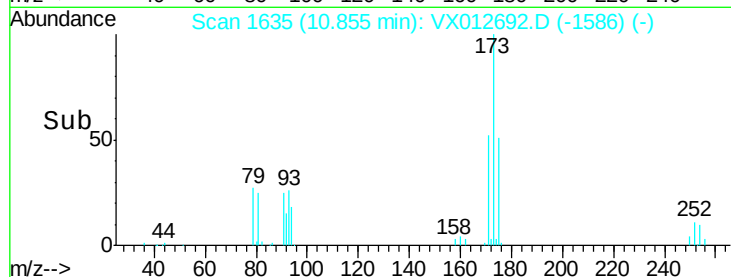
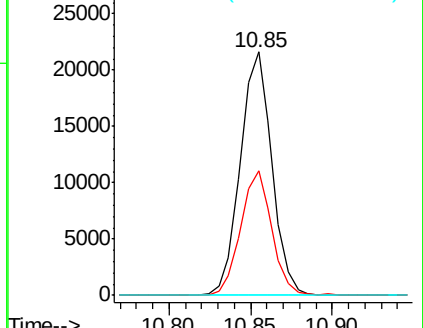
254 0.0 0.1 0.1#



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: VX012692.D

Acq: 27 Sep 2019 12:28

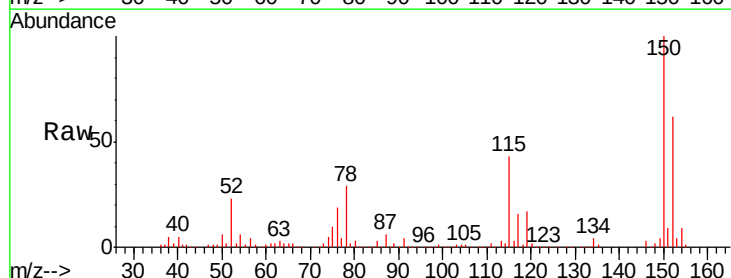
Tgt Ion:152 Resp: 128679

Ion Ratio Lower Upper

152 100

115 75.8 44.1 132.3

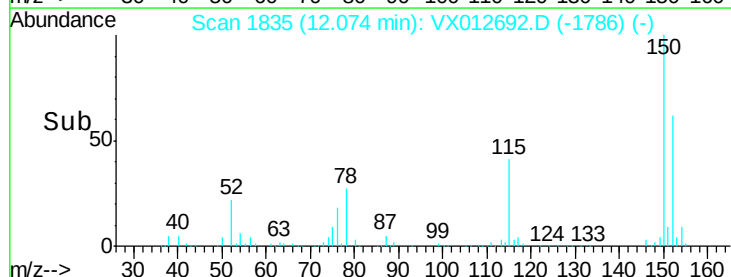
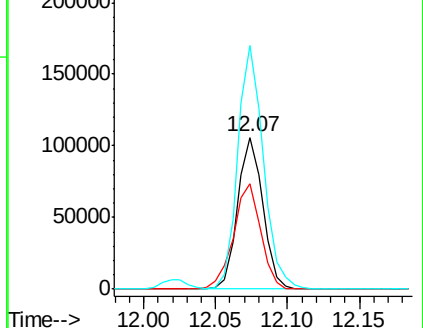
150 163.7 0.0 343.8

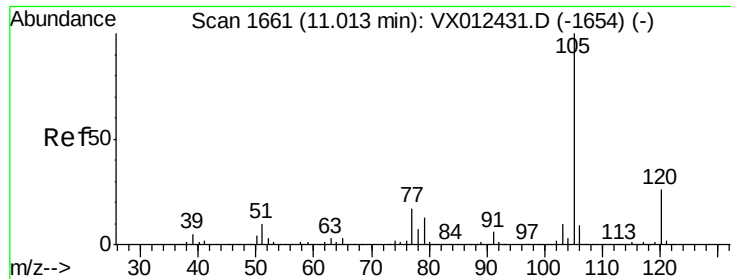


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.820 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

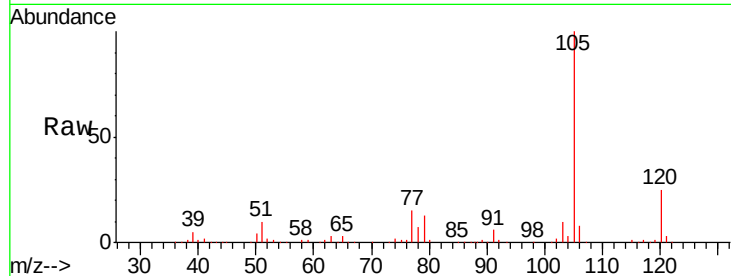
VX0927WBSD01

Tgt Ion: 105 Resp: 218201

Ion Ratio Lower Upper

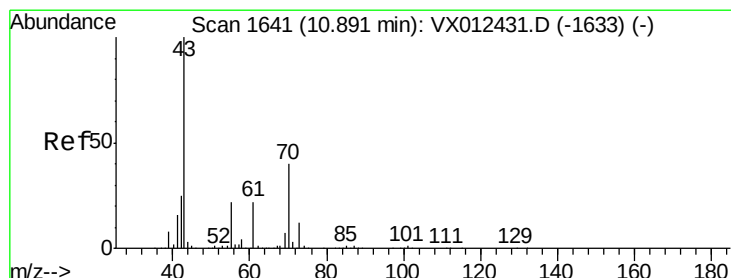
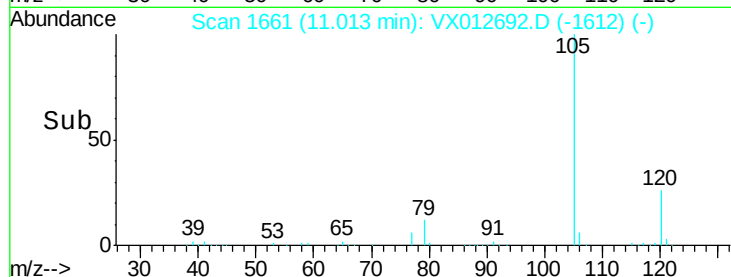
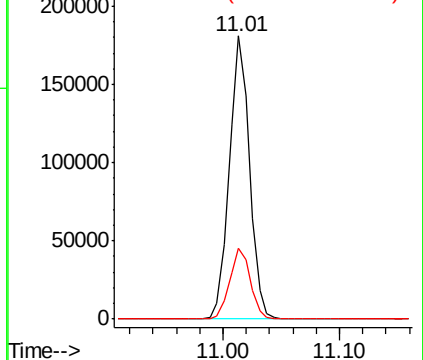
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.862 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Tgt Ion: 43 Resp: 99310

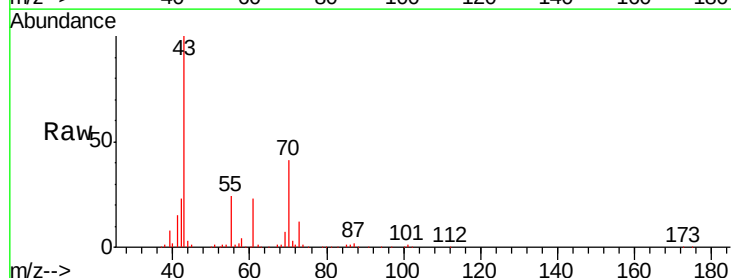
Ion Ratio Lower Upper

43 100

70 43.4 32.4 48.6

55 24.8 18.2 27.4

61 23.2 18.5 27.7

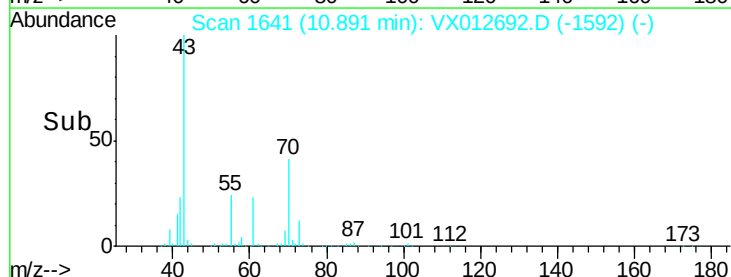
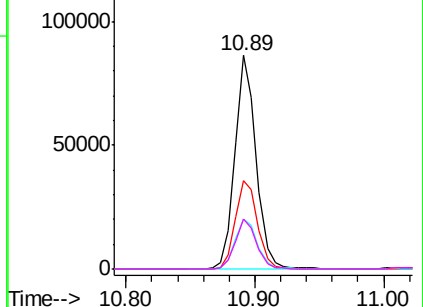


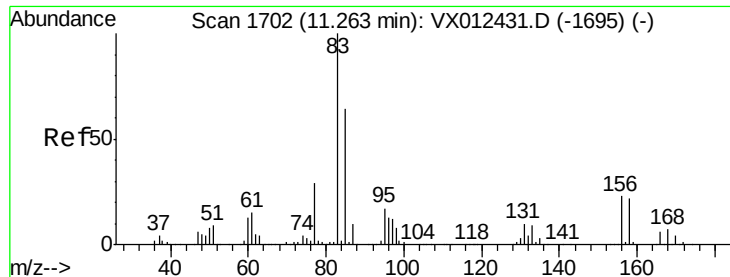
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.493 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

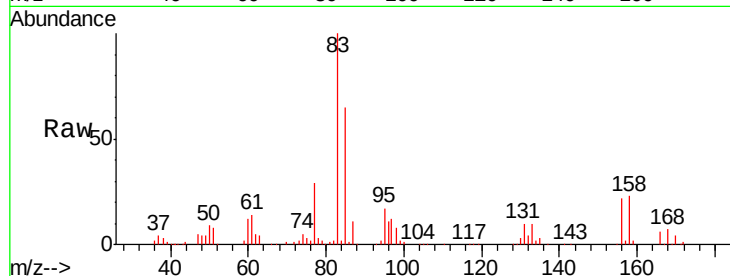
Tgt Ion: 83 Resp: 71132

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

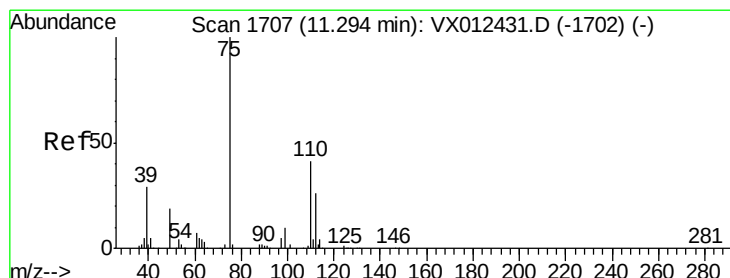
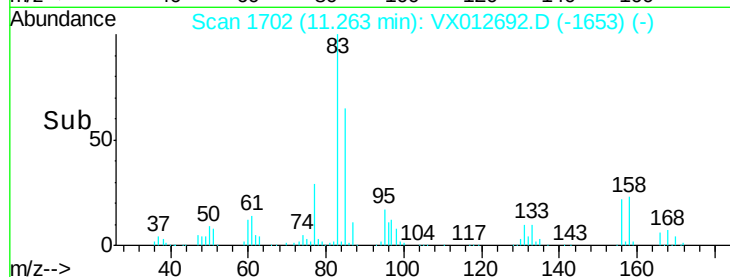
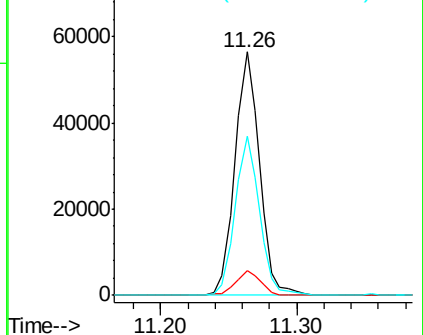
85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.112 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012692.D

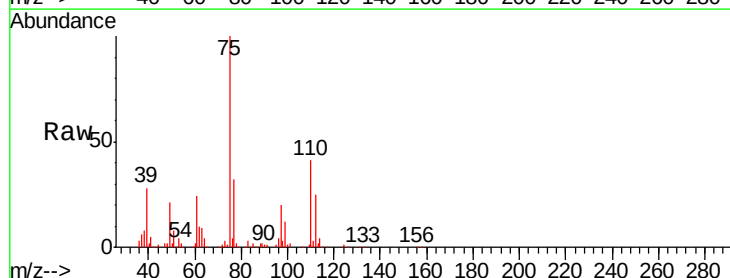
Acq: 27 Sep 2019 12:28

Tgt Ion: 75 Resp: 82075

Ion Ratio Lower Upper

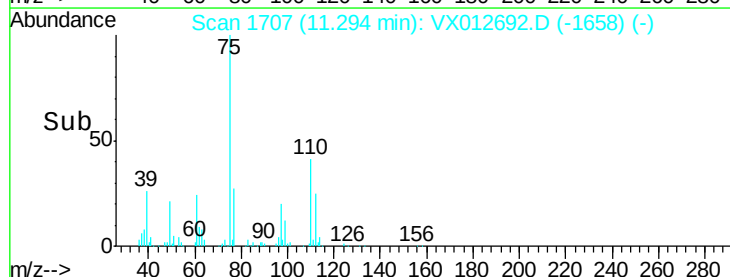
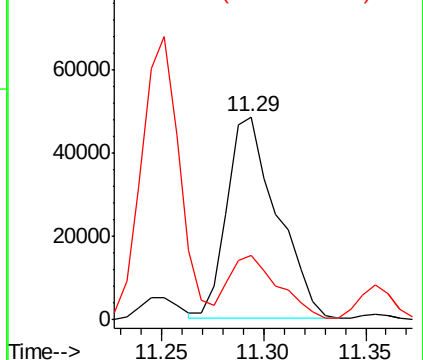
75 100

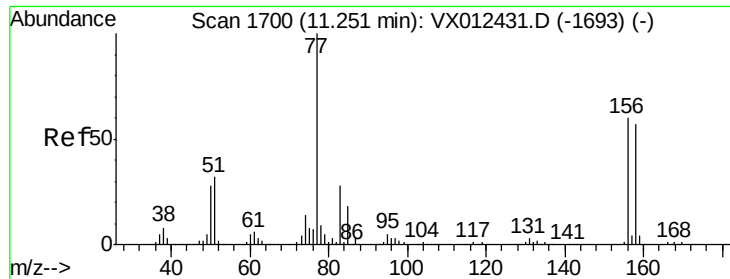
77 32.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.319 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

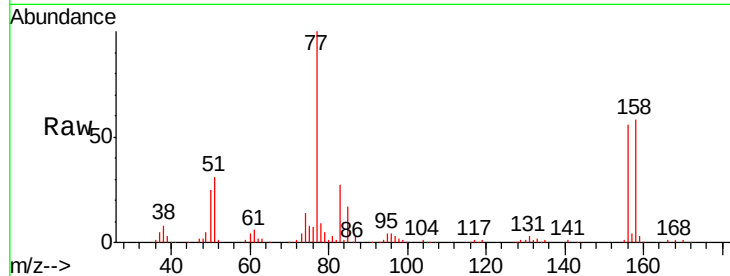
Tgt Ion:156 Resp: 48197

Ion Ratio Lower Upper

156 100

77 182.5 87.3 261.8

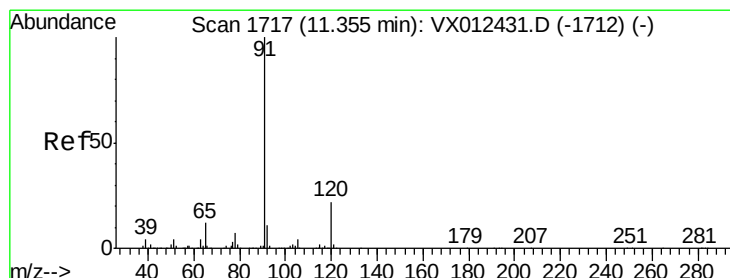
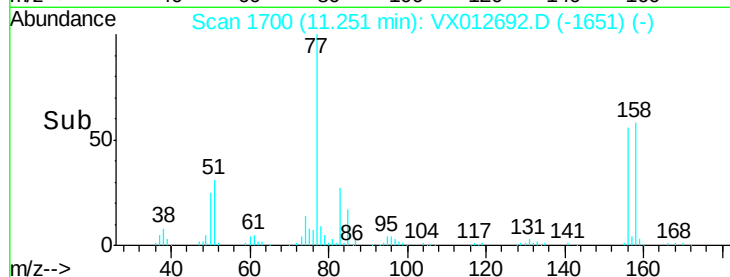
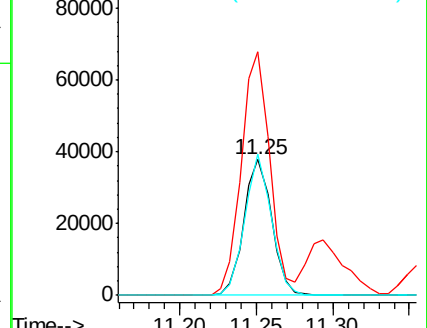
158 98.2 48.5 145.6



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: 20.346 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012692.D

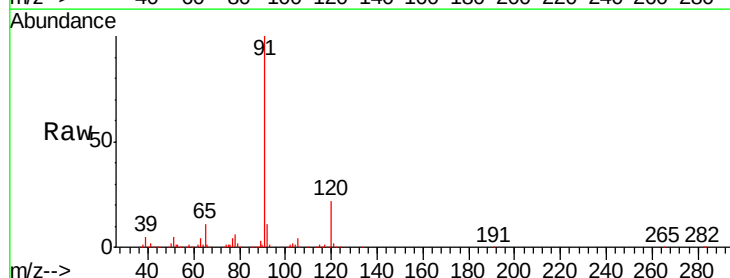
Acq: 27 Sep 2019 12:28

Tgt Ion: 91 Resp: 240070

Ion Ratio Lower Upper

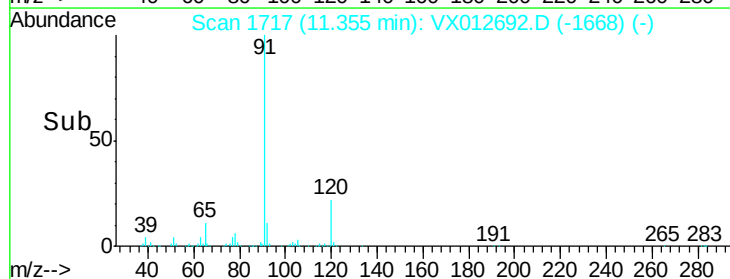
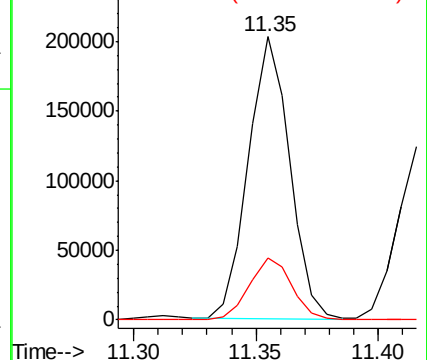
91 100

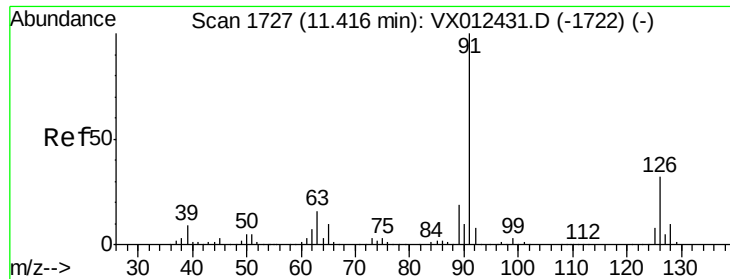
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

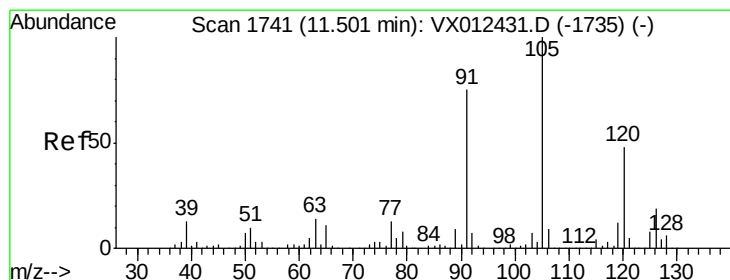
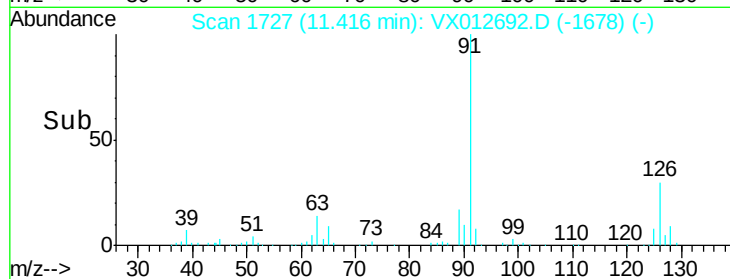
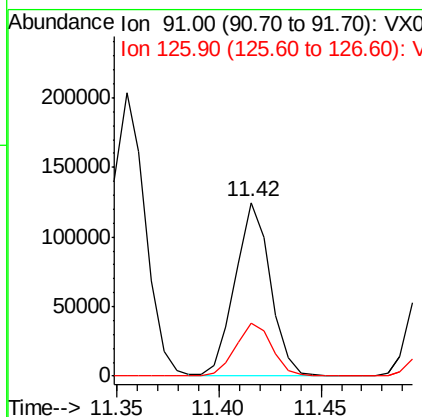
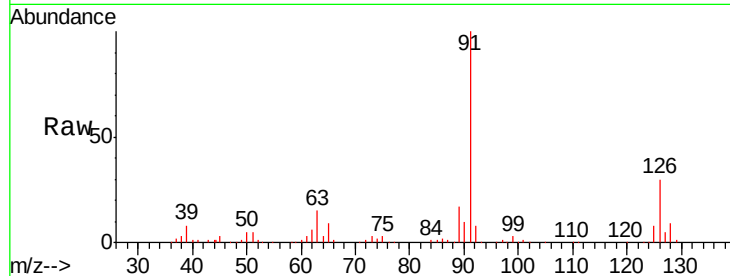




#79
 2-Chlorotoluene
 Concen: 20.199 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

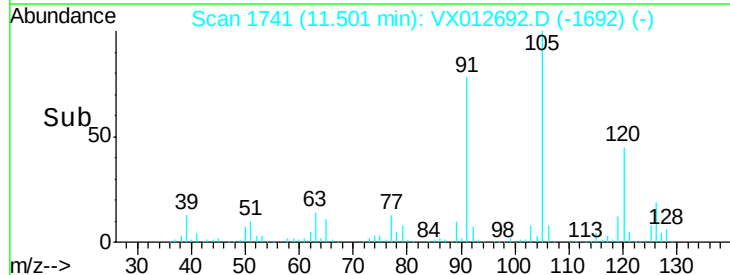
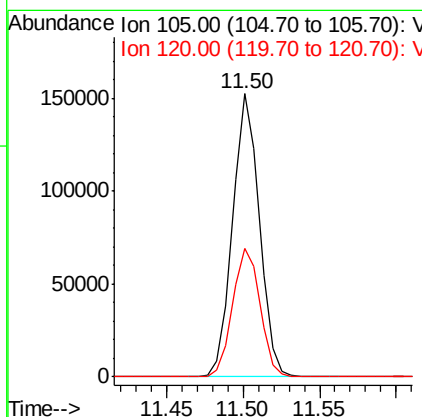
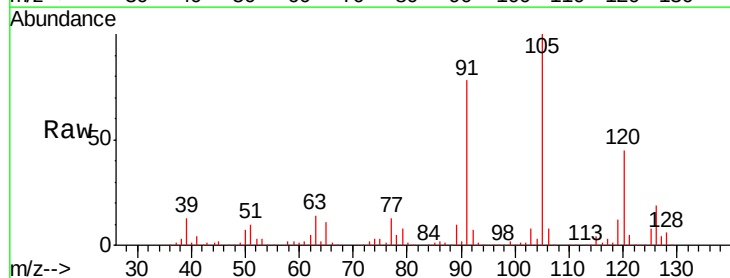
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

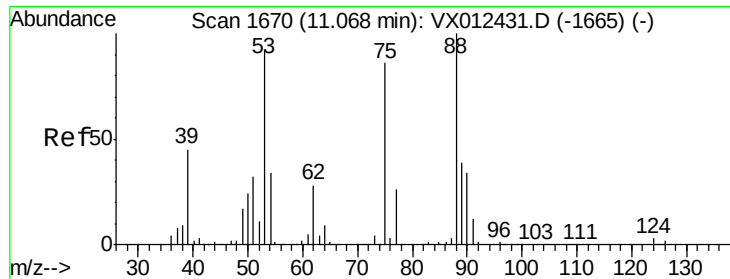
Tgt Ion: 91 Resp: 148677
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.964 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion: 105 Resp: 184250
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.041 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

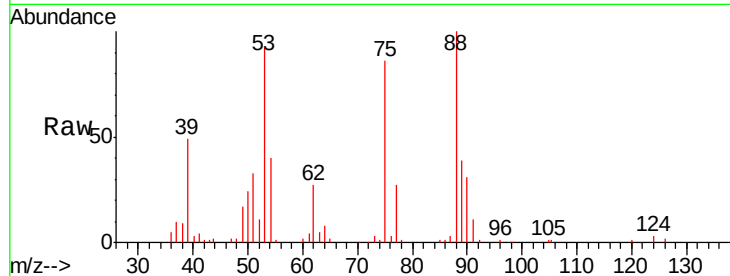
Tgt Ion: 75 Resp: 21429

Ion Ratio Lower Upper

75 100

53 104.4 83.6 125.4

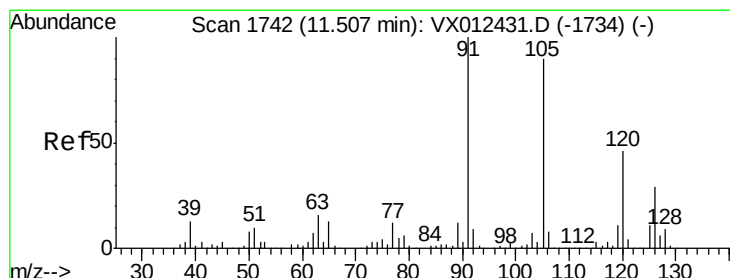
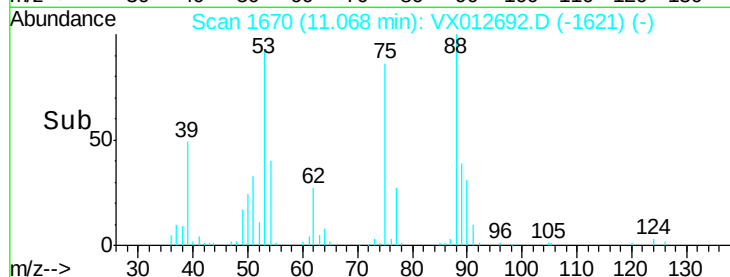
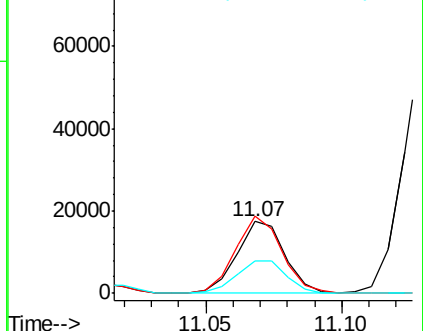
89 46.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.390 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012692.D

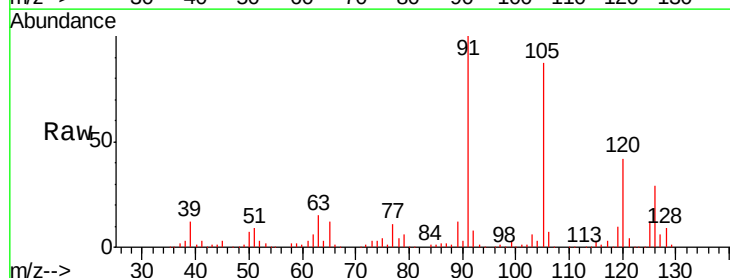
Acq: 27 Sep 2019 12:28

Tgt Ion: 91 Resp: 171087

Ion Ratio Lower Upper

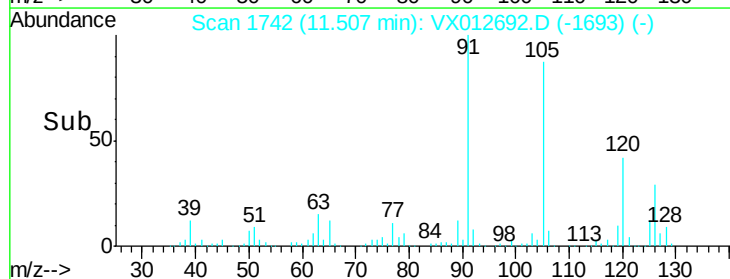
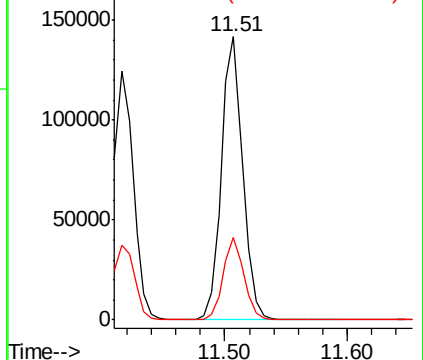
91 100

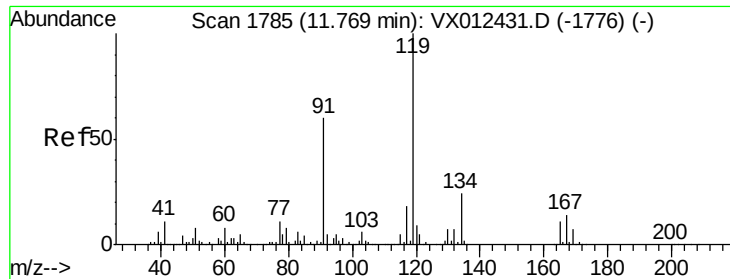
126 28.4 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

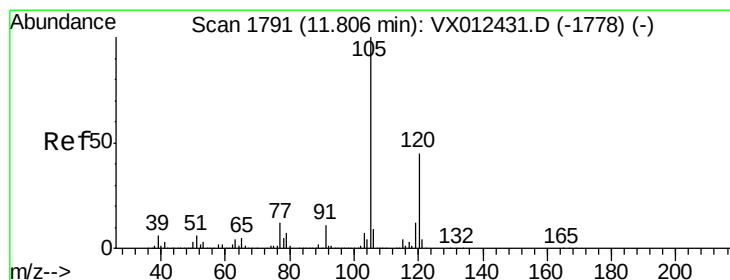
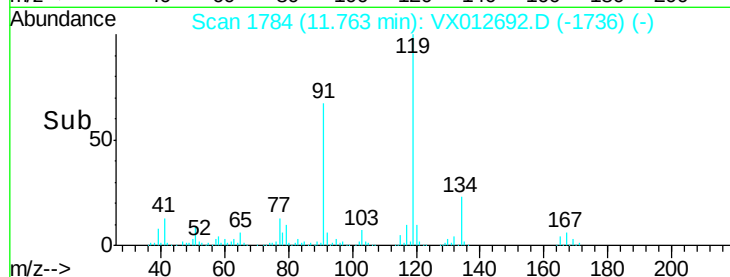
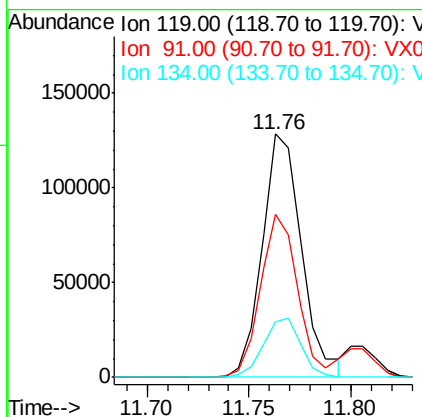
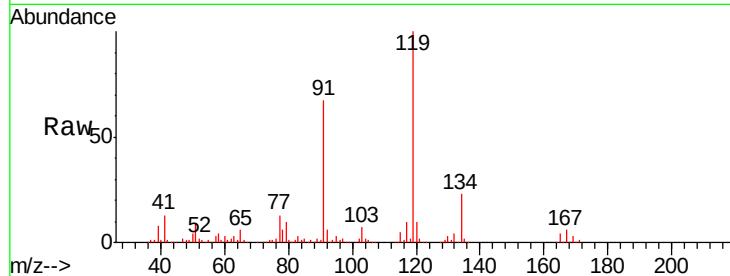




#83
 tert-Butylbenzene
 Concen: 20.454 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

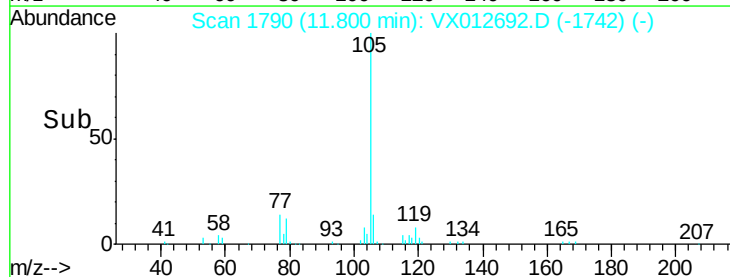
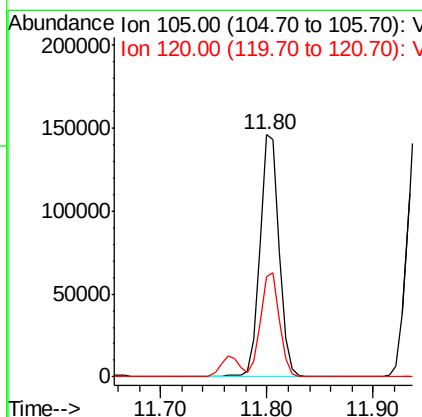
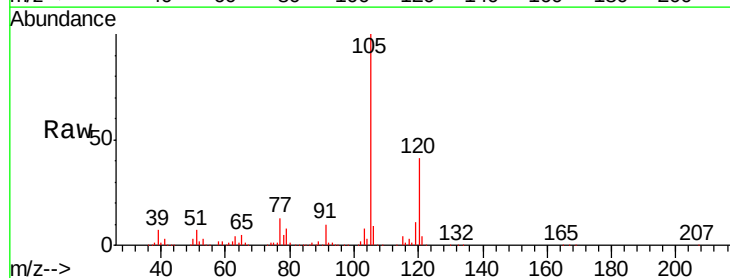
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

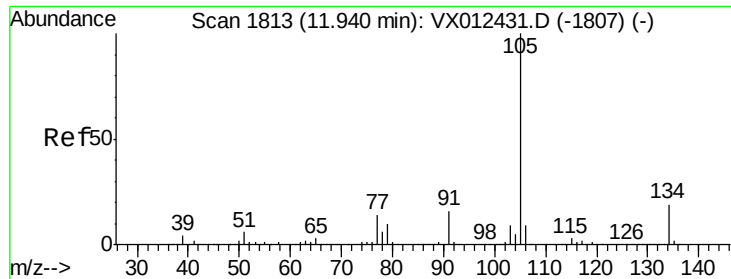
Tgt Ion:119 Resp: 173410
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.0 90.0
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.794 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion:105 Resp: 184360
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.2 66.6

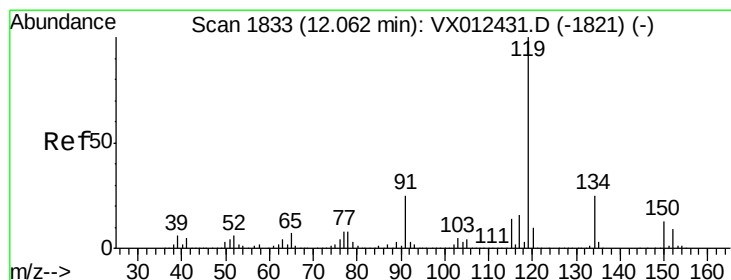
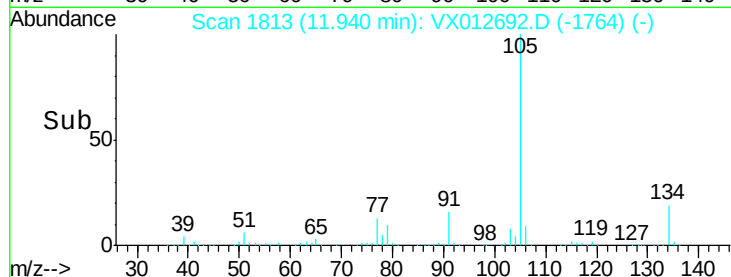
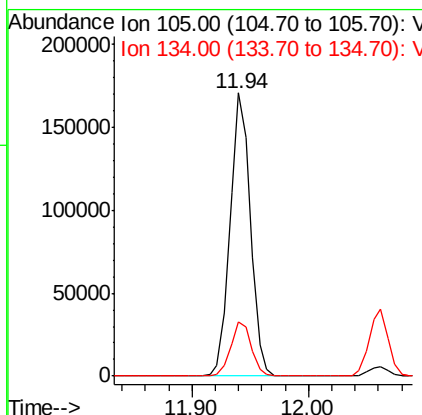
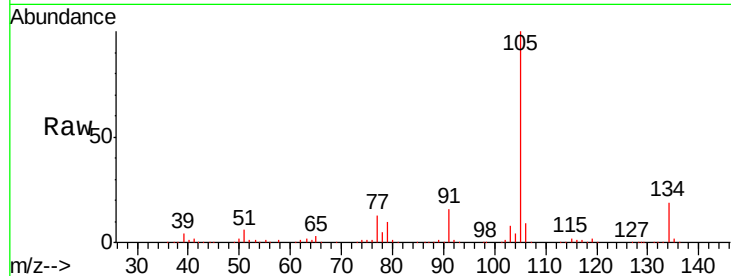




#85
 sec-Butylbenzene
 Concen: 21.029 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

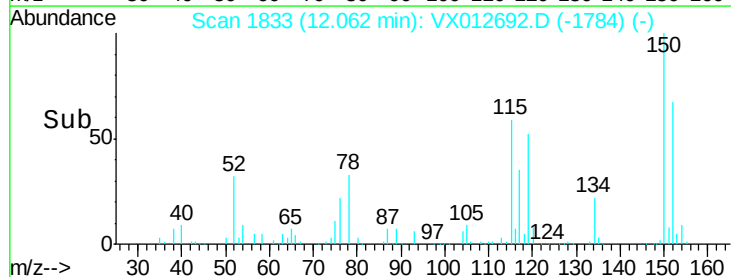
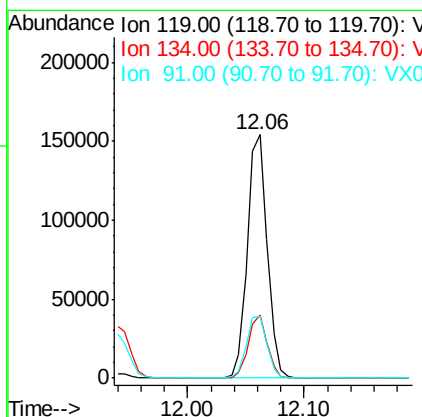
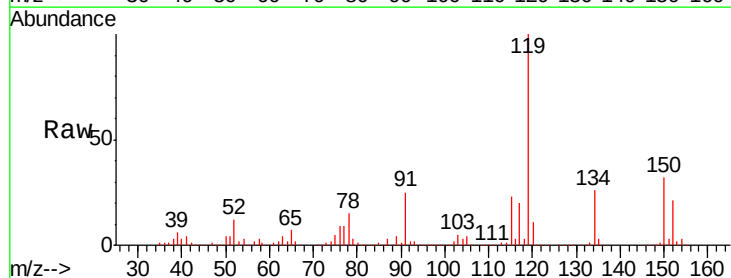
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

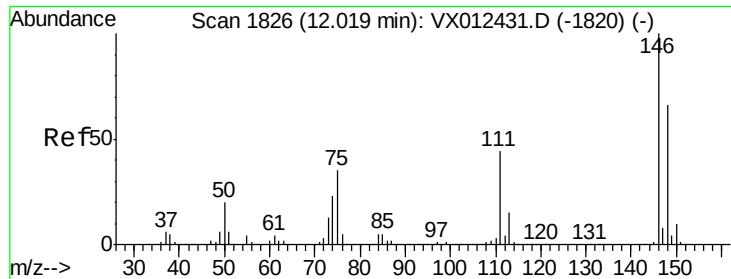
Tgt Ion:105 Resp: 207360
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.775 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion:119 Resp: 184847
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.1
 91 26.1 12.8 38.4

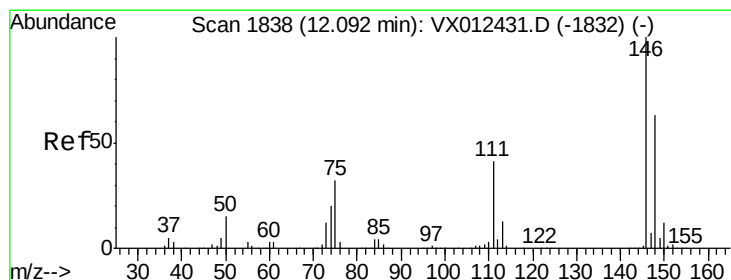
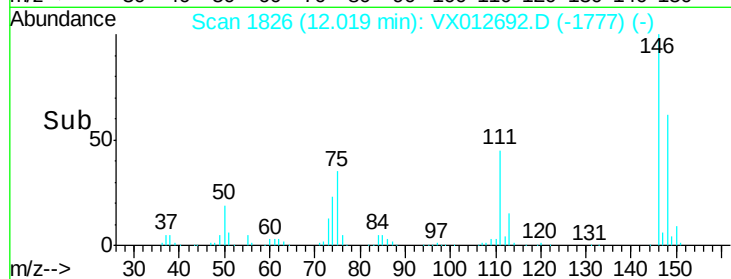
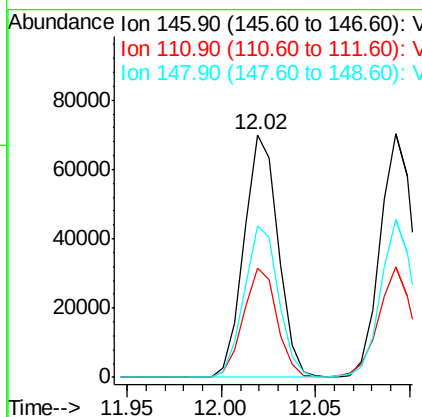
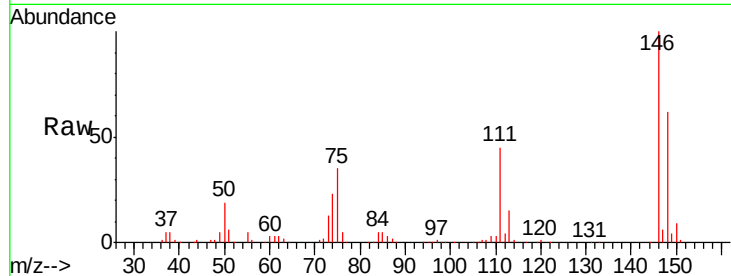




#87
 1,3-Dichlorobenzene
 Concen: 20.616 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

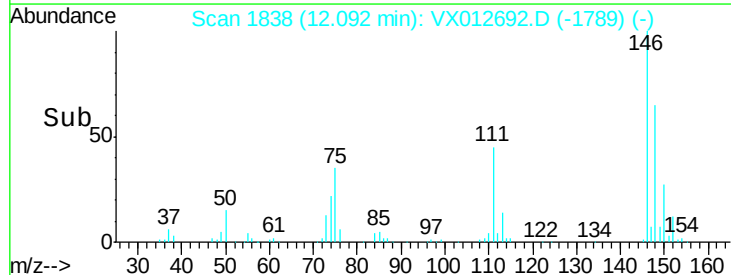
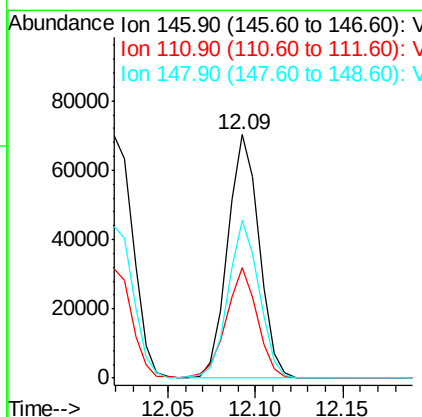
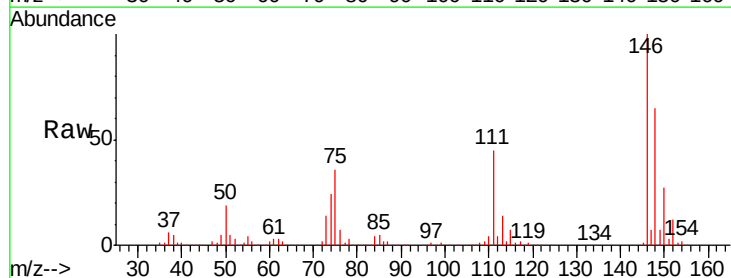
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

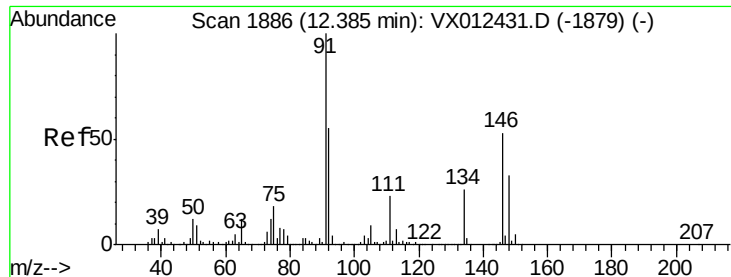
Tgt Ion:146 Resp: 88003
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.3 64.0
 148 62.7 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 20.283 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion:146 Resp: 87491
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.1 63.3
 148 64.0 32.1 96.5

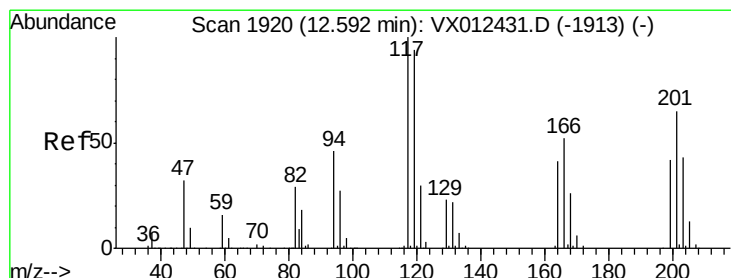
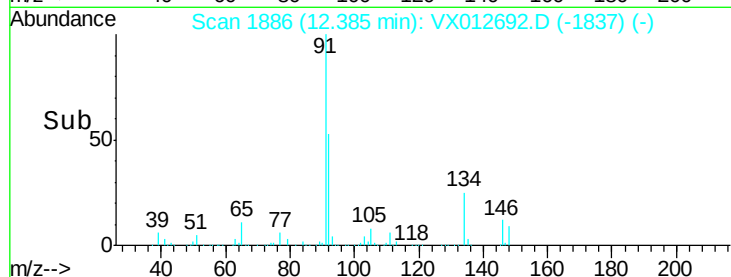
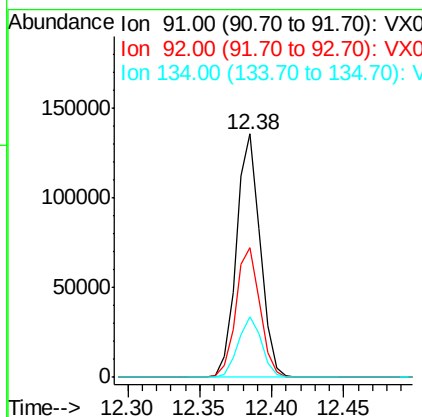
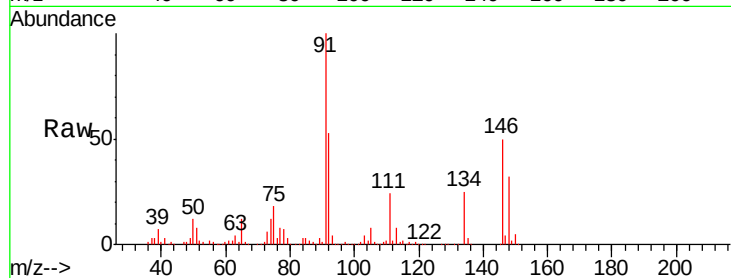




#89
n-Butylbenzene
Concen: 19.901 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

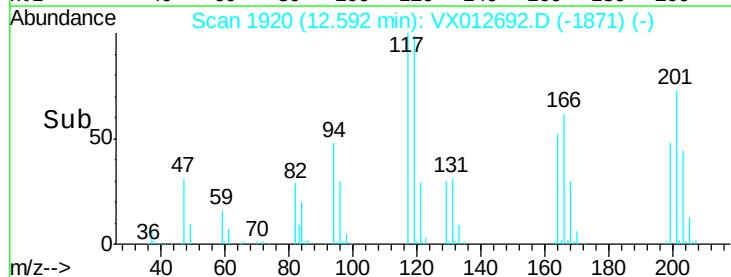
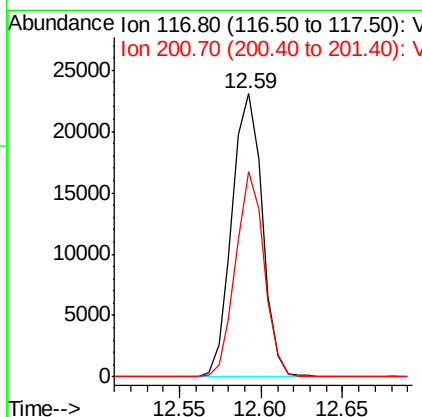
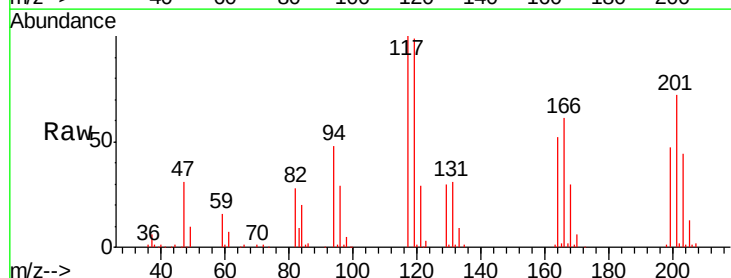
Instrument :
MSVOA_X
ClientSampled :
VX0927WBSD01

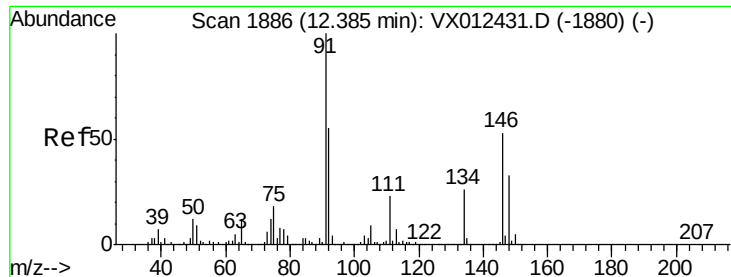
Tgt Ion: 91 Resp: 156033
Ion Ratio Lower Upper
91 100
92 54.1 27.7 83.0
134 24.9 12.9 38.6



#90
Hexachloroethane
Concen: 18.880 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion: 117 Resp: 29948
Ion Ratio Lower Upper
117 100
201 67.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 20.718 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBSD01

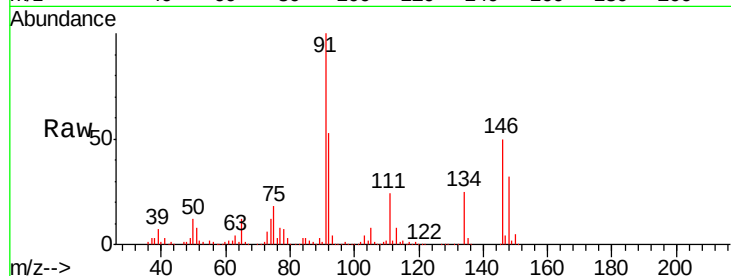
Tgt Ion:146 Resp: 88541

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

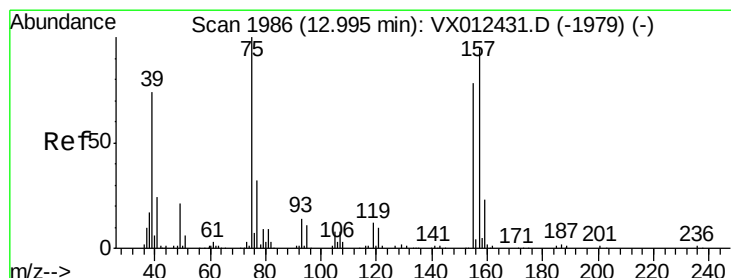
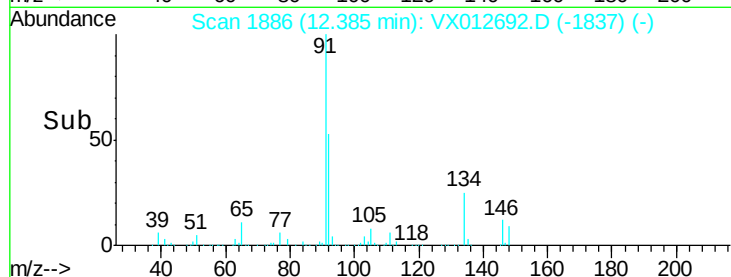
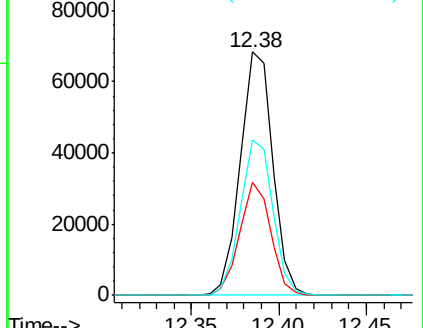
148 63.7 31.3 93.9



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: 19.302 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012692.D

Acq: 27 Sep 2019 12:28

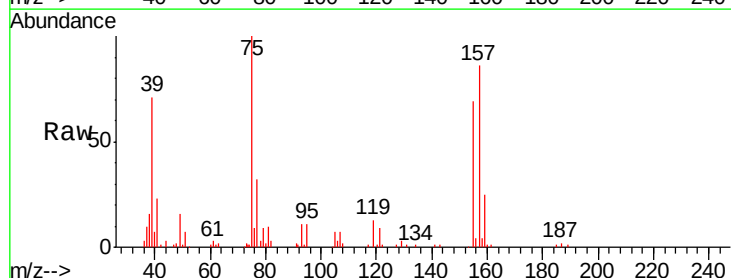
Tgt Ion: 75 Resp: 16759

Ion Ratio Lower Upper

75 100

155 76.8 38.6 115.8

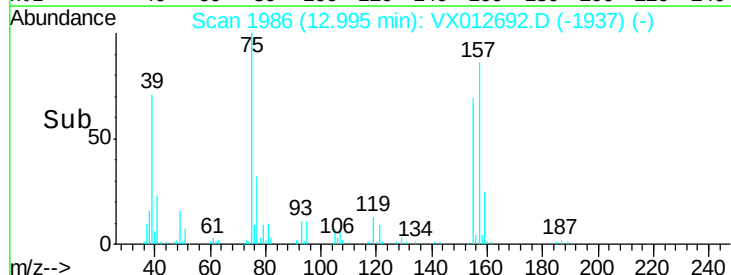
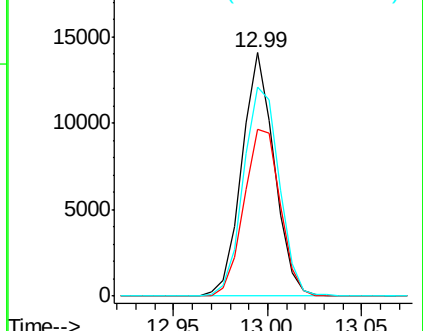
157 95.2 50.6 151.9

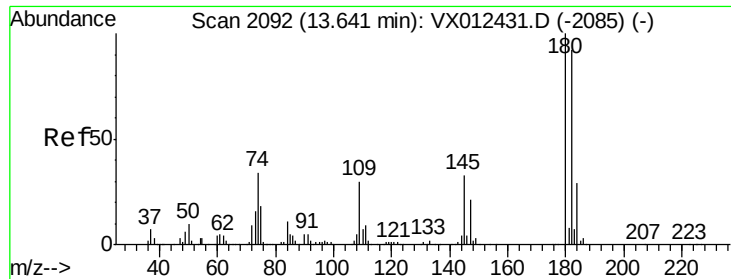


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

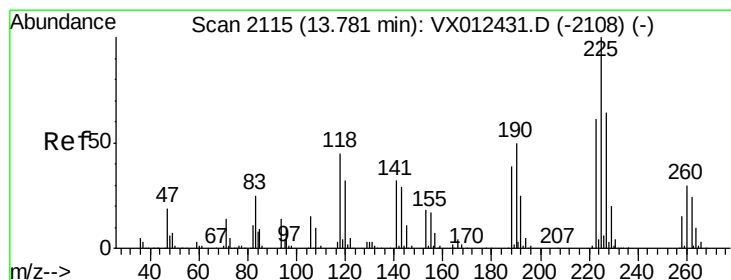
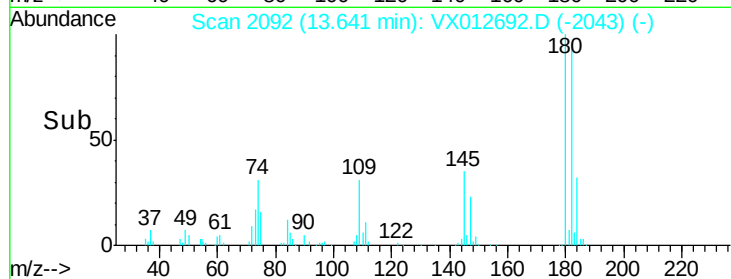
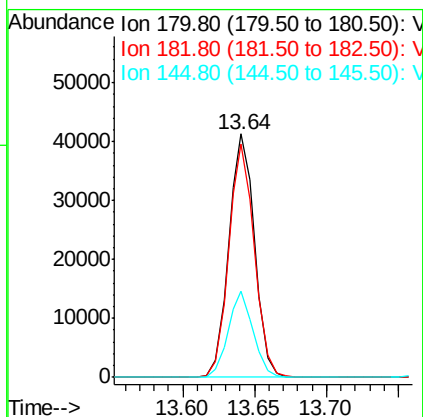
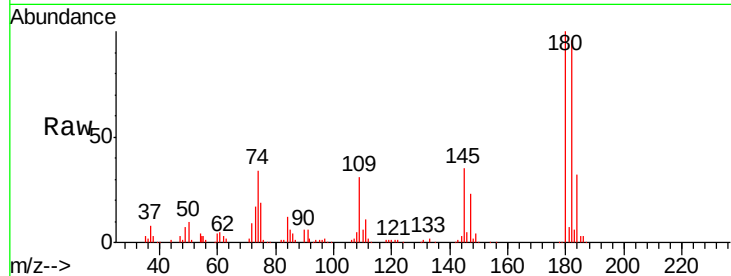




#93
 1,2,4-Trichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

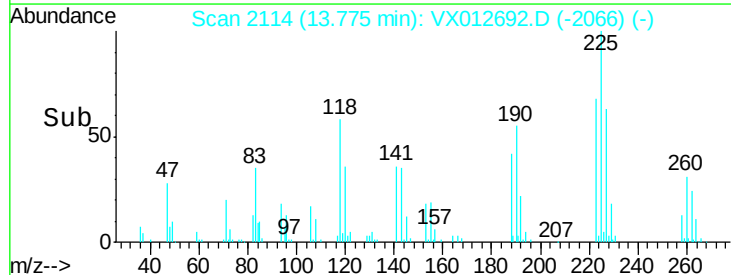
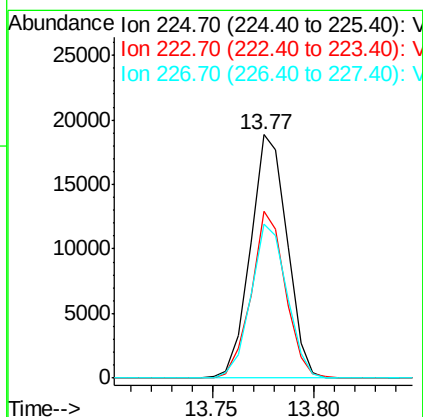
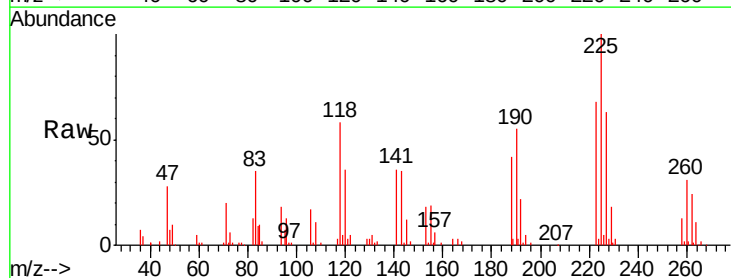
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0927WBSD01

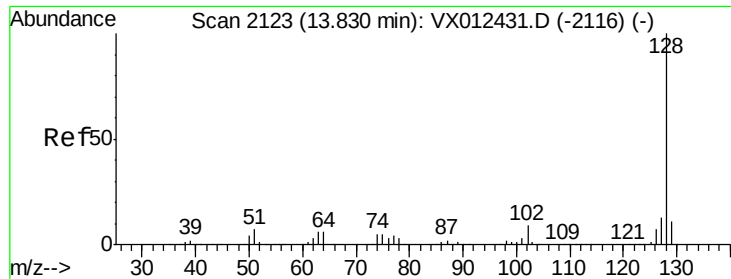
Tgt Ion:180 Resp: 51789
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 34.3 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 20.955 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012692.D
 Acq: 27 Sep 2019 12:28

Tgt Ion:225 Resp: 23495
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.0 96.2
 227 62.4 31.9 95.5

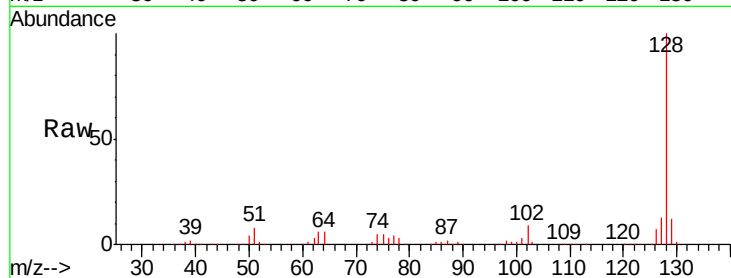




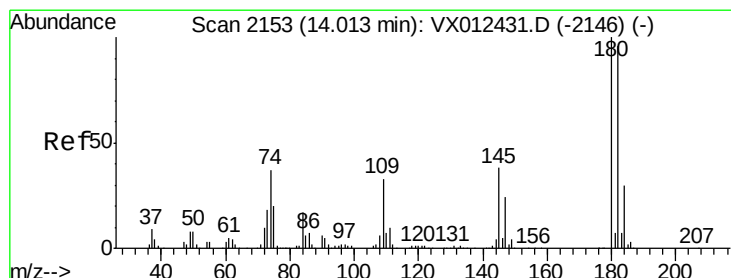
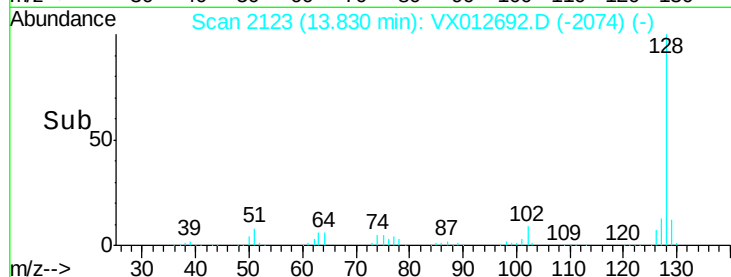
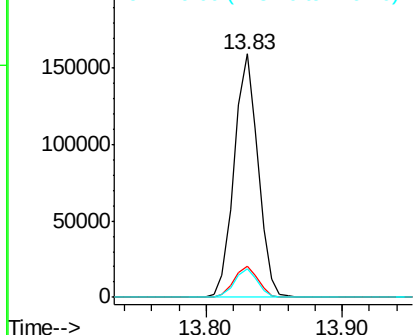
#95
Naphthalene
Concen: 20.618 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBSD01

Tgt Ion:128 Resp: 194417
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.8 13.2

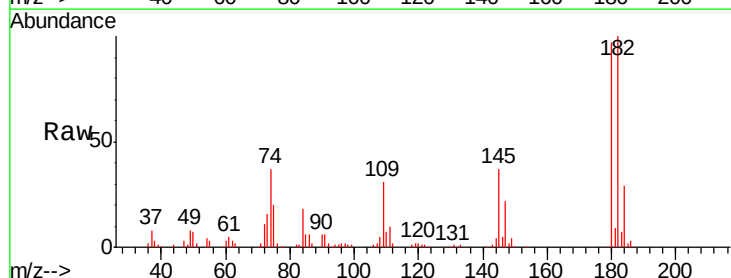


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.302 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012692.D
Acq: 27 Sep 2019 12:28

Tgt Ion:180 Resp: 53004
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.3
145 36.8 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

