

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012557.D
 Acq On : 20 Sep 2019 15:12
 Operator : JC/SP
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Quant Time: Sep 21 01:33:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130338	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.48	113	93892	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	350561	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	139213	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22328	18.760	ug/l	99
3) Chloromethane	1.32	50	20144	20.270	ug/l	98
4) Vinyl Chloride	1.40	62	22230	20.697	ug/l	92
5) Bromomethane	1.63	94	10571	25.051	ug/l	89
6) Chloroethane	1.72	64	16992	20.216	ug/l	92
7) Trichlorofluoromethane	1.92	101	40136	20.384	ug/l	96
8) Diethyl Ether	2.18	74	18278	20.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28864	20.261	ug/l	99
10) Methyl Iodide	2.50	142	21431	20.415	ug/l	98
11) Tert butyl alcohol	3.03	59	62756	91.807	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23865	21.000	ug/l	99
13) Acrolein	2.28	56	19053	82.629	ug/l	99
14) Allyl chloride	2.72	41	54114	20.453	ug/l	99
15) Acrylonitrile	3.13	53	118943	105.950	ug/l	98
16) Acetone	2.44	43	111245	88.846	ug/l	99
17) Carbon Disulfide	2.56	76	27368	18.219	ug/l	95
18) Methyl Acetate	2.76	43	56696	21.002	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129369	20.878	ug/l	97
20) Methylene Chloride	2.84	84	32175	20.521	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	24672	20.906	ug/l	95
22) Diisopropyl ether	3.85	45	130025	20.989	ug/l	93
23) Vinyl Acetate	3.80	43	529802	103.963	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62960	21.241	ug/l	98
25) 2-Butanone	4.66	43	173052	96.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	52847	18.129	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	37041	21.011	ug/l	97
28) Bromochloromethane	5.01	49	29365	19.217	ug/l	98
29) Tetrahydrofuran	5.12	42	102420	103.167	ug/l	98
30) Chloroform	5.20	83	69572	20.438	ug/l	96
31) Cyclohexane	5.58	56	37628	21.030	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	58194	20.454	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37390	20.093	ug/l	97
37) Ethyl Acetate	4.82	43	60666	21.239	ug/l	98
38) Carbon Tetrachloride	5.78	117	44452	19.207	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36562	20.211	ug/l	95
40) Benzene	6.14	78	123464	20.865	ug/l	96
41) Methacrylonitrile	5.03	41	37738	20.518	ug/l	96
42) 1,2-Dichloroethane	6.18	62	56822	20.703	ug/l	100
43) Isopropyl Acetate	6.43	43	104237	20.332	ug/l	99
44) Trichloroethene	7.21	130	33407	21.462	ug/l	97
45) 1,2-Dichloropropane	7.51	63	37854	20.822	ug/l	98
46) Dibromomethane	7.65	93	24584	20.897	ug/l	97
47) Bromodichloromethane	7.89	83	51428	19.633	ug/l	98
48) Methyl methacrylate	7.76	41	47944	19.839	ug/l	99
49) 1,4-Dioxane	7.73	88	23142	393.454	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	348600	103.687	ug/l	100
52) Toluene	8.78	92	80007	20.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51989	19.093	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57493	20.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40534	20.634	ug/l	97
56) Ethyl methacrylate	9.17	69	62255	20.269	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66919	21.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	161182	101.381	ug/l	100
59) 2-Hexanone	9.49	43	263209	100.348	ug/l	99
60) Dibromochloromethane	9.58	129	40198	20.089	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38090	21.230	ug/l	100
64) Tetrachloroethene	9.33	164	31429	25.183	ug/l	96
65) Chlorobenzene	10.14	112	92778	20.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38698	20.743	ug/l	100
67) Ethyl Benzene	10.25	91	162583	21.052	ug/l	100
68) m/p-Xylenes	10.35	106	119197	42.419	ug/l	99
69) o-Xylene	10.70	106	61911	21.424	ug/l	98
70) Styrene	10.71	104	109644	21.444	ug/l	98
71) Bromoform	10.85	173	25799	18.009	ug/l #	96
73) Isopropylbenzene	11.01	105	171519	21.571	ug/l	99
74) N-amyl acetate	10.89	43	89769	20.970	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	65284	20.930	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	73695	25.316	ug/l	89
77) Bromobenzene	11.25	156	43560	22.463	ug/l	97
78) n-propylbenzene	11.35	91	183948	20.756	ug/l	97
79) 2-Chlorotoluene	11.42	91	121318	21.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	144210	21.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17446	18.530	ug/l	89
82) 4-Chlorotoluene	11.51	91	137938	20.846	ug/l	100
83) tert-Butylbenzene	11.77	119	148942	20.497	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	149490	21.470	ug/l	99
85) sec-Butylbenzene	11.94	105	168196	21.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	155747	21.183	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77424	21.225	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76795	20.495	ug/l	98
89) n-Butylbenzene	12.38	91	127359	19.414	ug/l	99
90) Hexachloroethane	12.59	117	26558	19.700	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	79642	20.889	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16608	20.538	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

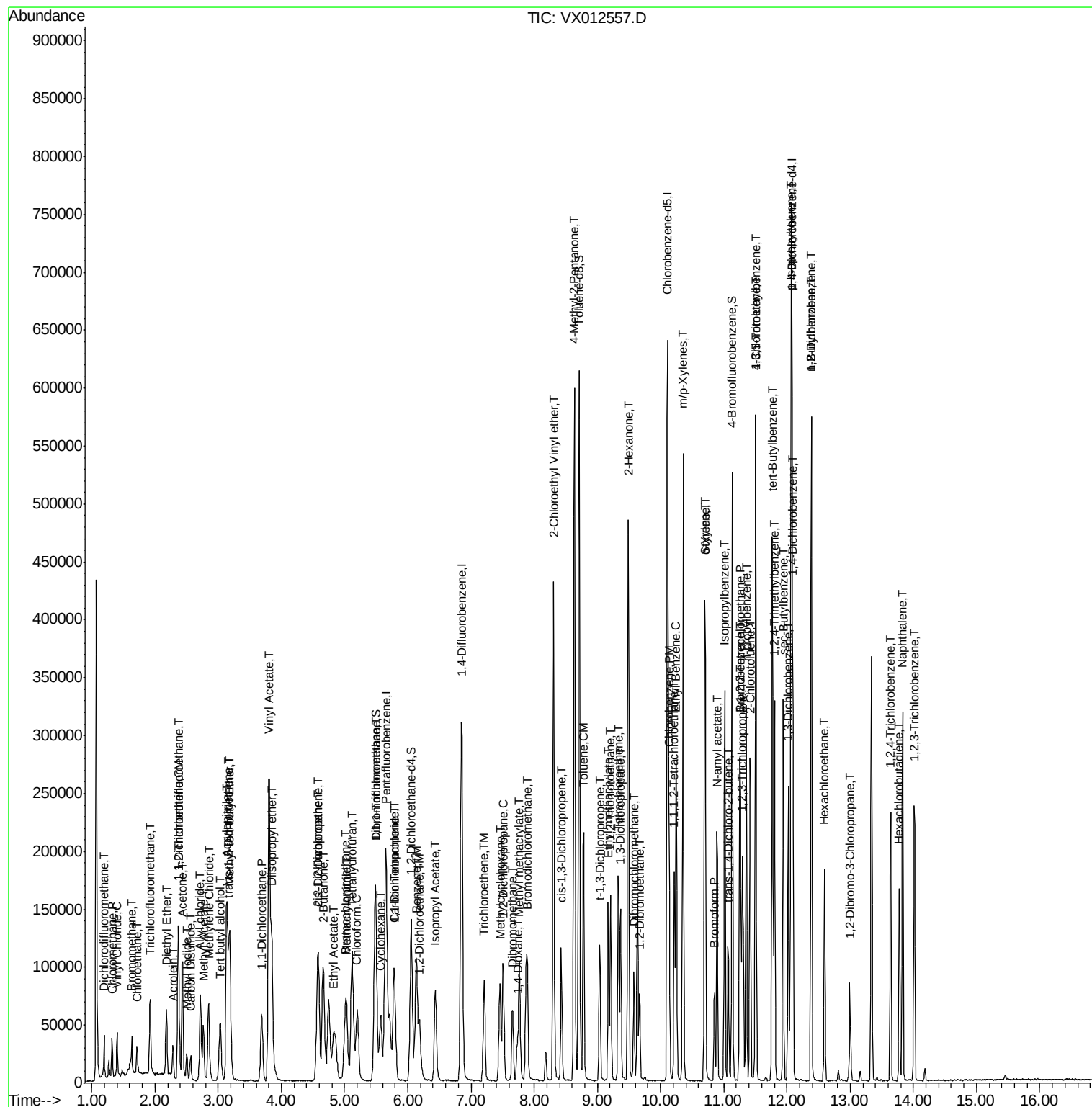
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50358	20.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	22469	19.412	ug/l	94
95) Naphthalene	13.83	128	188472	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53484	21.372	ug/l	99

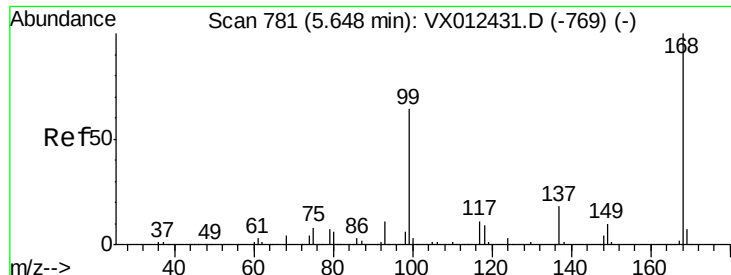
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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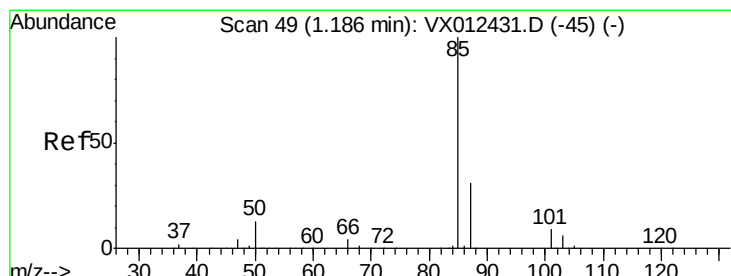
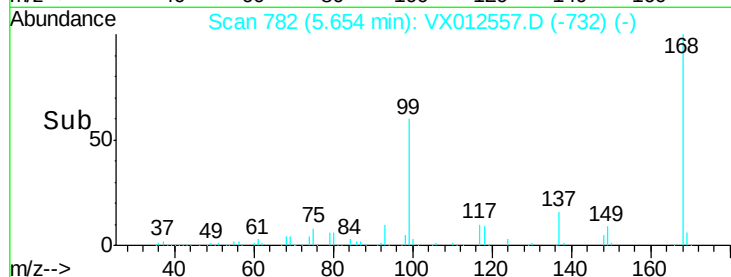
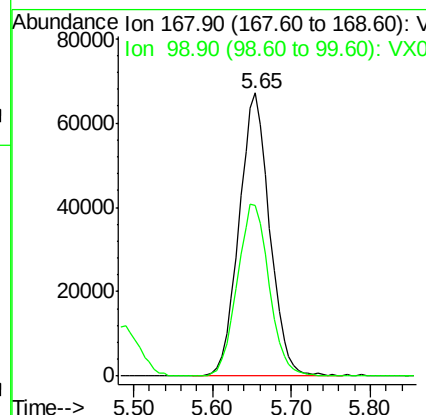
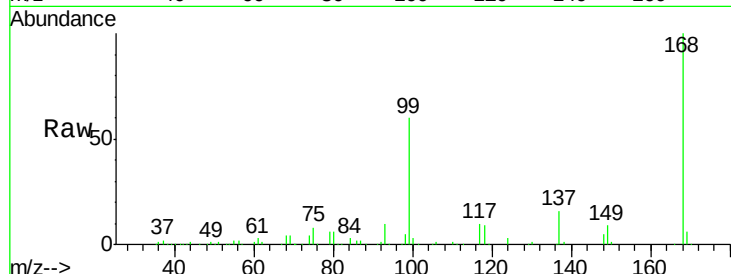




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

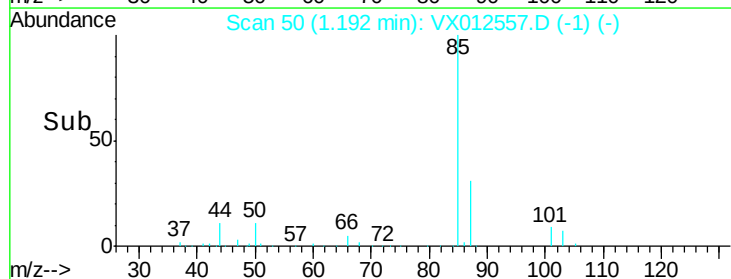
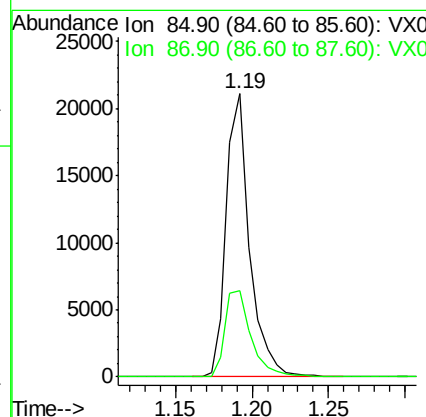
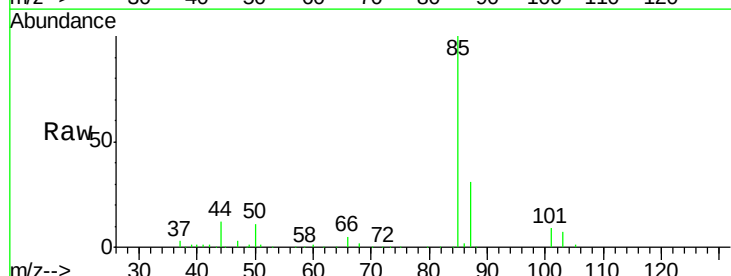
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

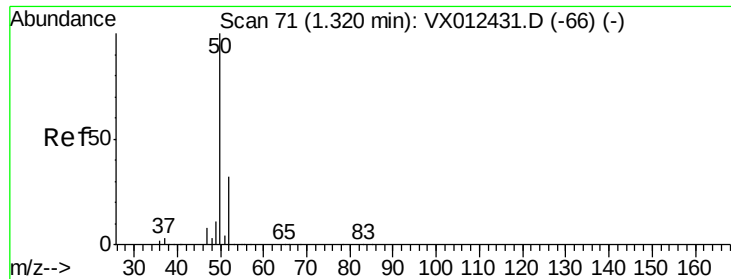
Tot Ion:168 Resp: 180761
Ion Ratio Lower Upper
168 100
99 60.3 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 18.760 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 85 Resp: 22328
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3

Chloromethane

Concen: 20.270 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

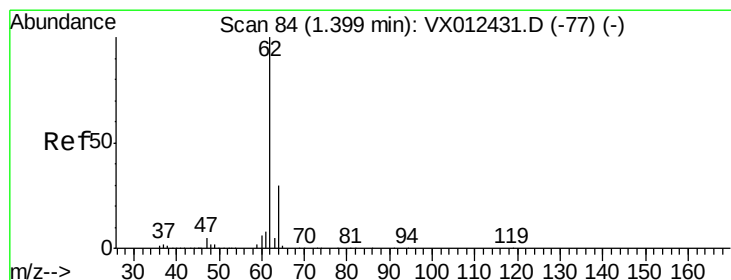
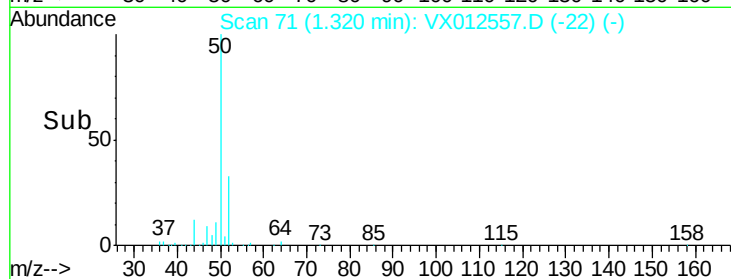
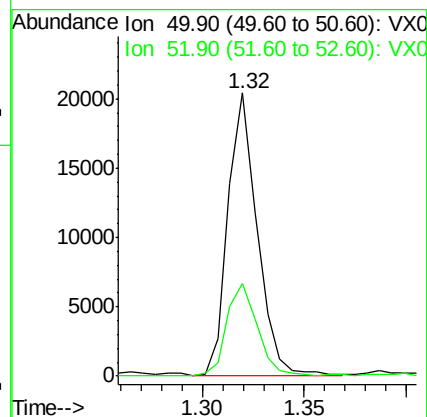
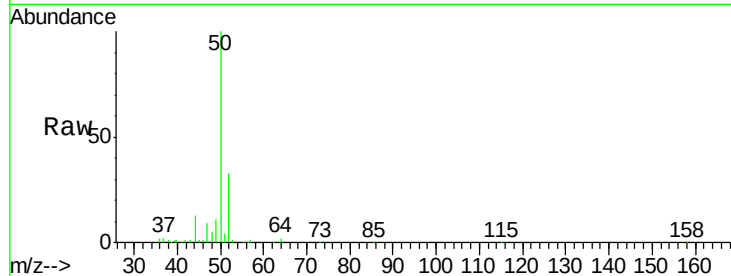
VX0920WBSD01

Tot Ion: 50 Resp: 20144

Ion Ratio Lower Upper

50 100

52 33.0 25.7 38.5



#4

Vinyl Chloride

Concen: 20.697 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012557.D

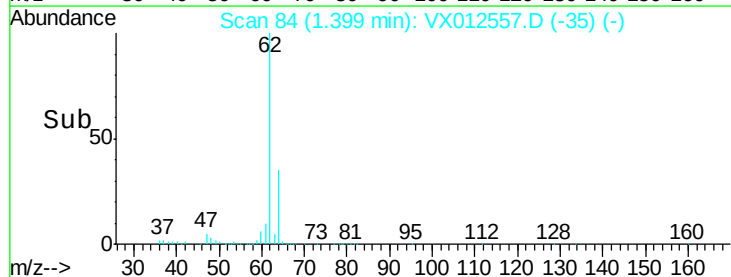
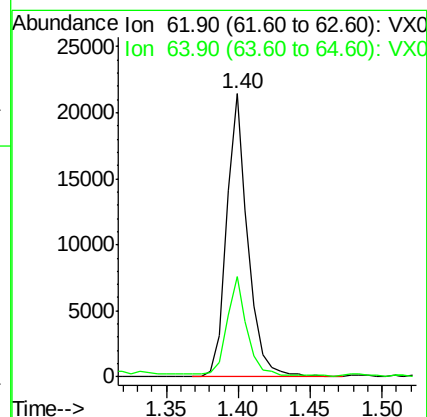
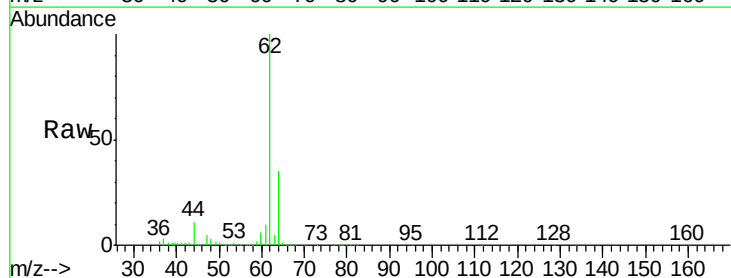
Acq: 20 Sep 2019 15:12

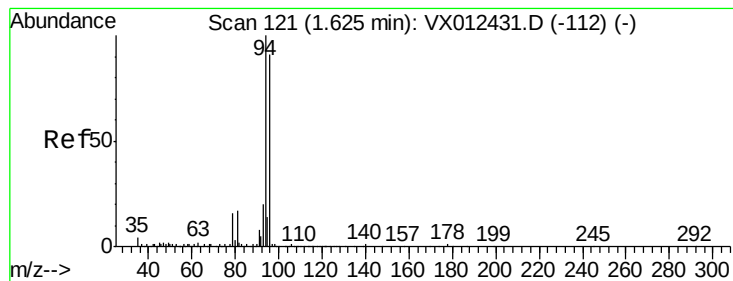
Tgt Ion: 62 Resp: 22230

Ion Ratio Lower Upper

62 100

64 34.6 24.2 36.2





#5

Bromomethane

Concen: 25.051 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

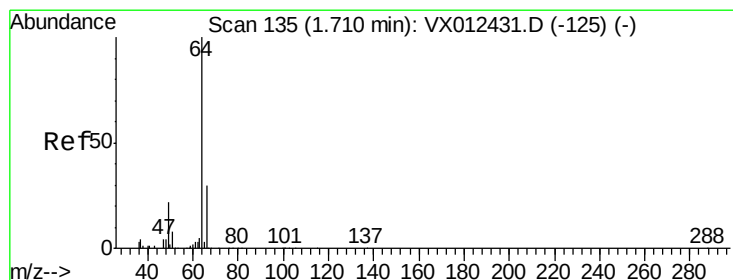
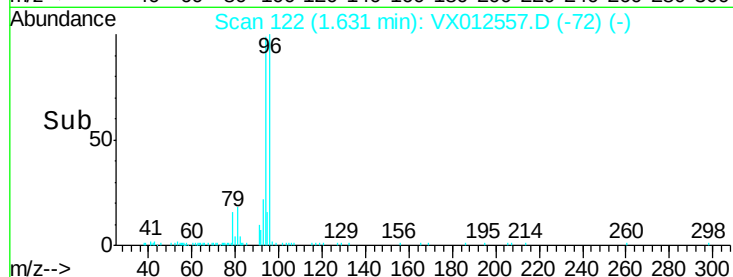
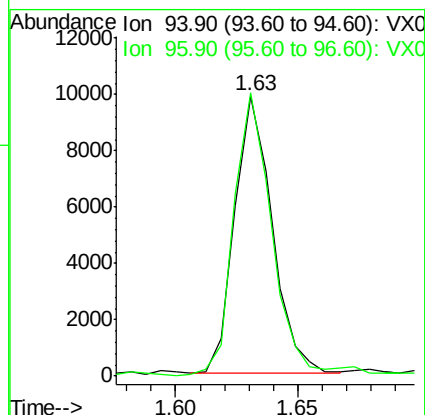
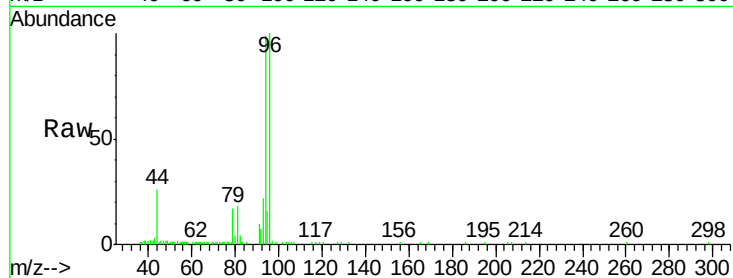
VX0920WBSD01

Tot Ion: 94 Resp: 10571

Ion Ratio Lower Upper

94 100

96 101.5 72.8 109.2



#6

Chloroethane

Concen: 20.216 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012557.D

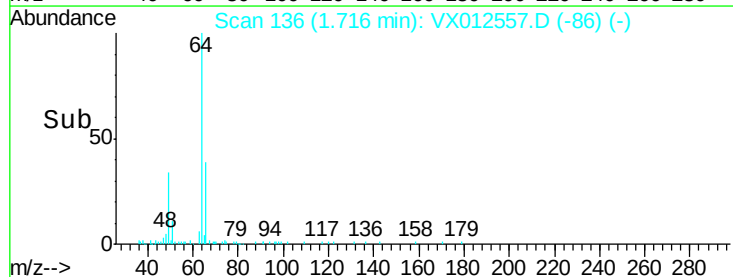
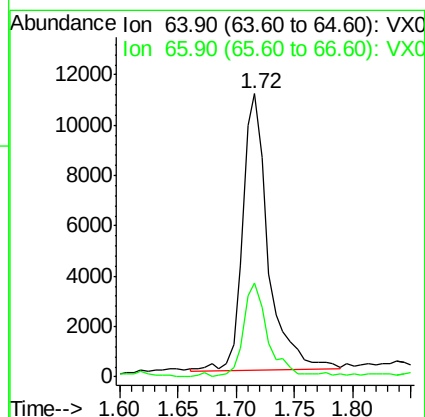
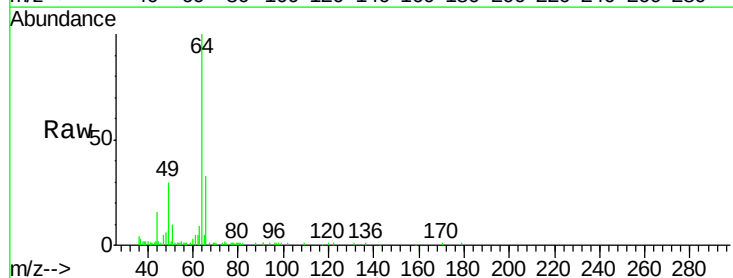
Acq: 20 Sep 2019 15:12

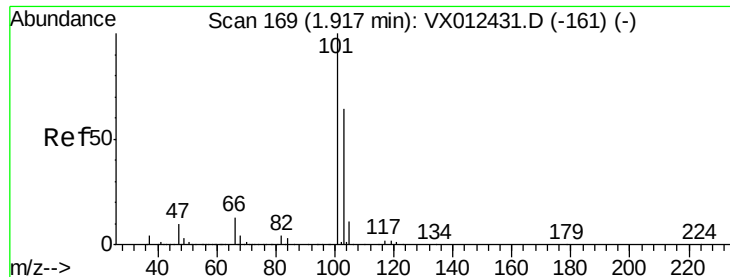
Tgt Ion: 64 Resp: 16992

Ion Ratio Lower Upper

64 100

66 34.3 24.0 36.0



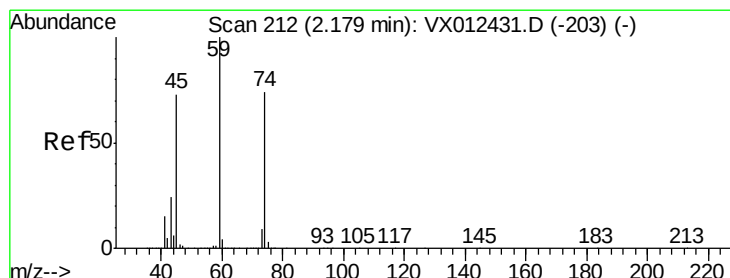
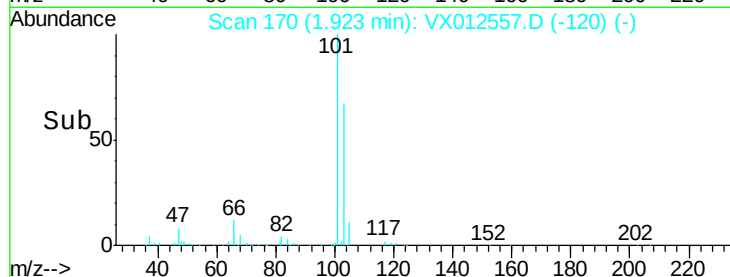
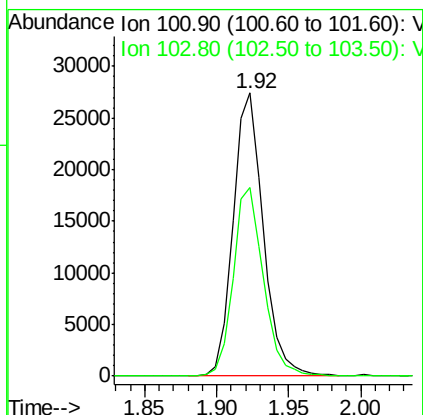
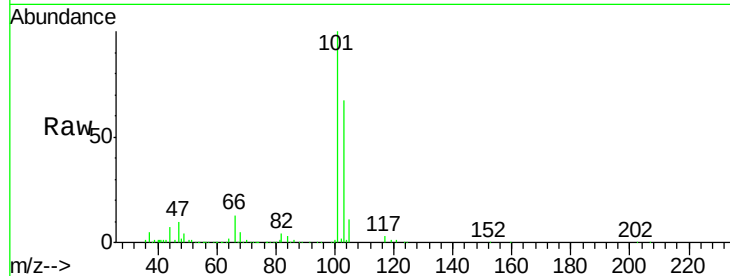


#7

Trichlorofluoromethane
 Concen: 20.384 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

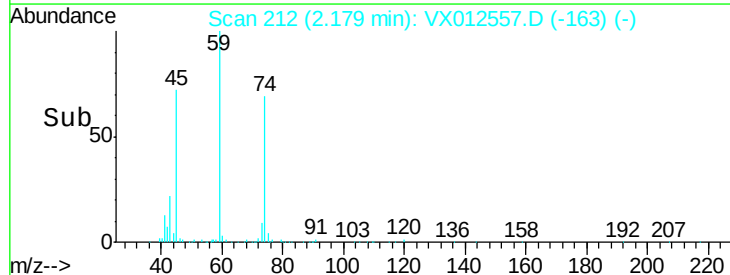
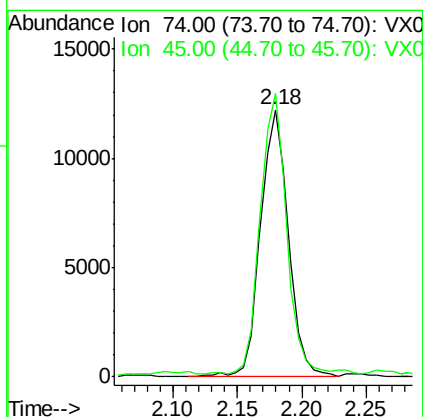
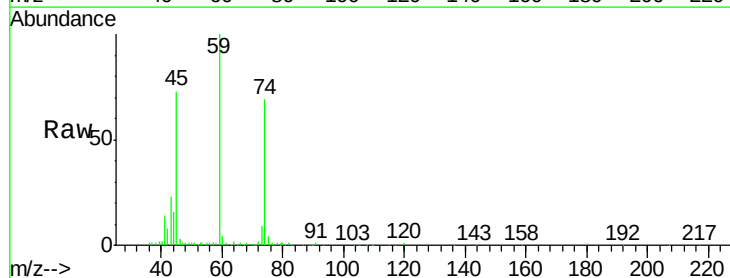
Tot Ion:101 Resp: 40136
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.0 76.4

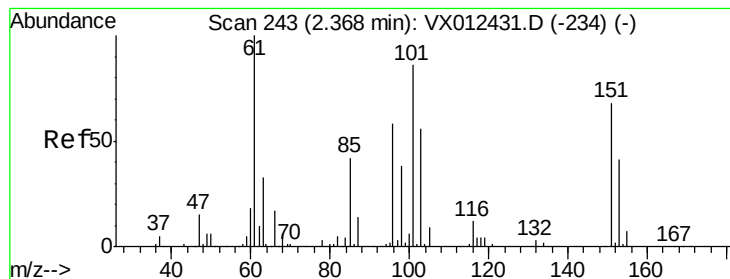


#8

Diethyl Ether
 Concen: 20.552 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 74 Resp: 18278
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.261 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

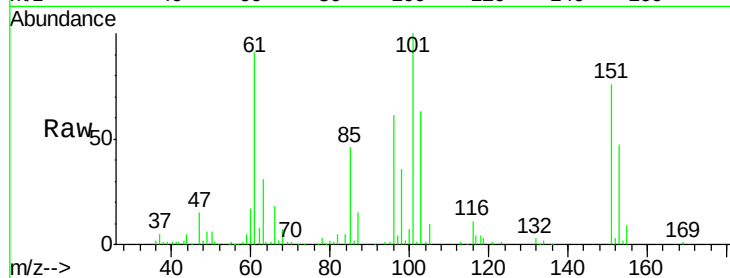
Tot Ion:101 Resp: 28864

Ion Ratio Lower Upper

101 100

85 47.3 37.3 55.9

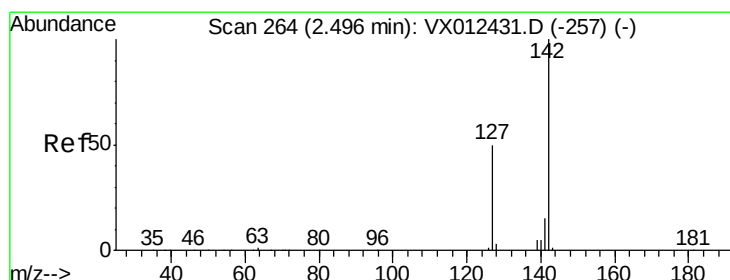
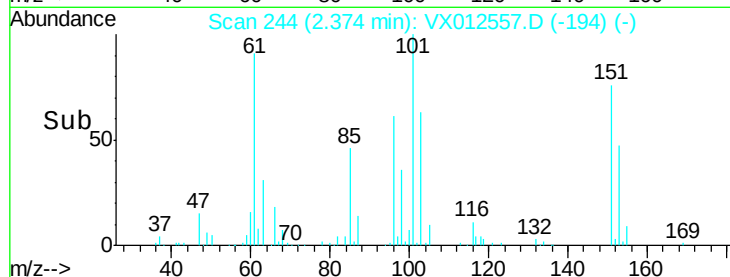
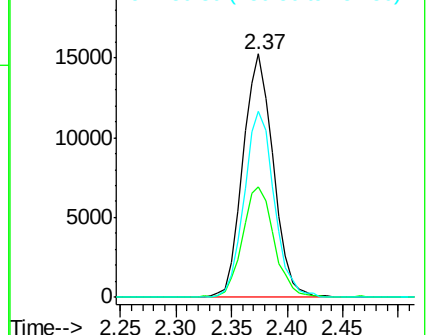
151 75.7 61.0 91.4



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: 20.415 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

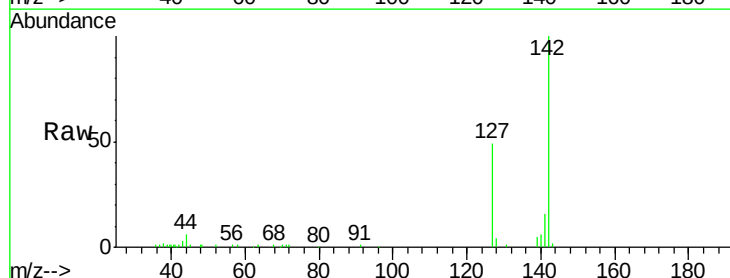
Tgt Ion:142 Resp: 21431

Ion Ratio Lower Upper

142 100

127 49.3 40.8 61.2

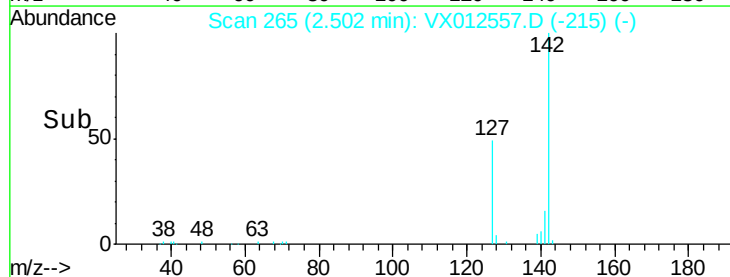
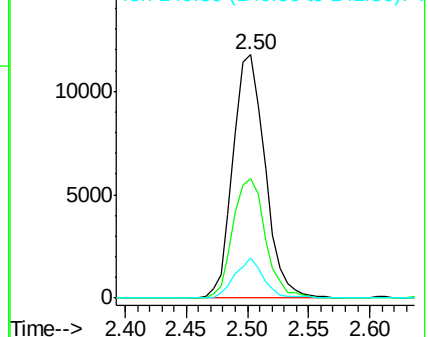
141 14.6 12.1 18.1

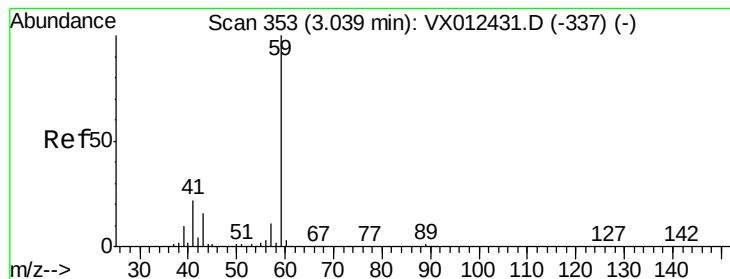


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.807 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

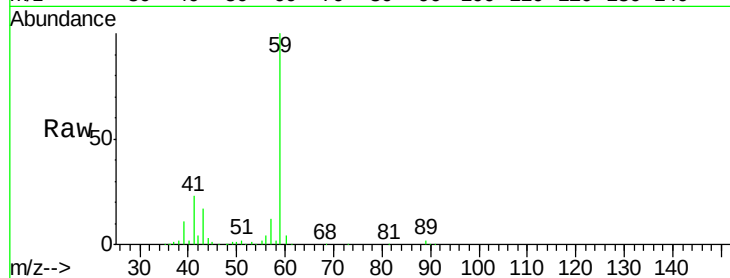
VX0920WBSD01

Tot Ion: 59 Resp: 62756

Ion Ratio Lower Upper

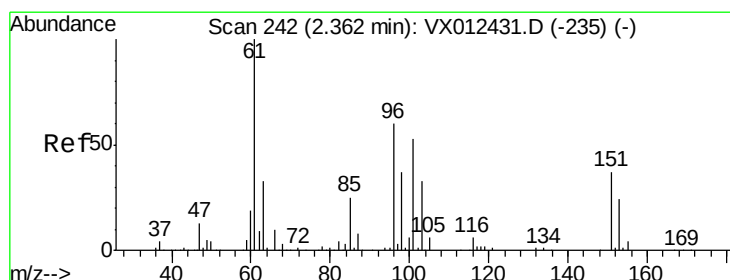
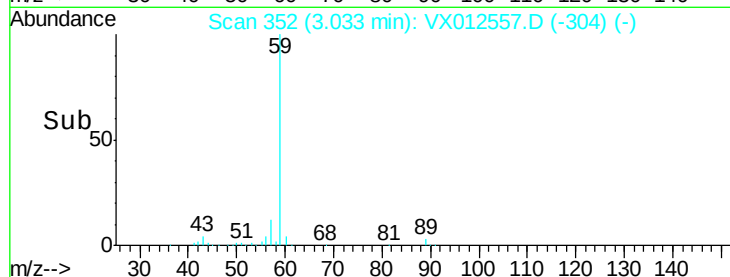
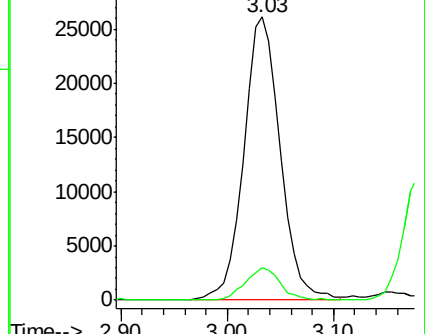
59 100

57 11.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 21.000 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

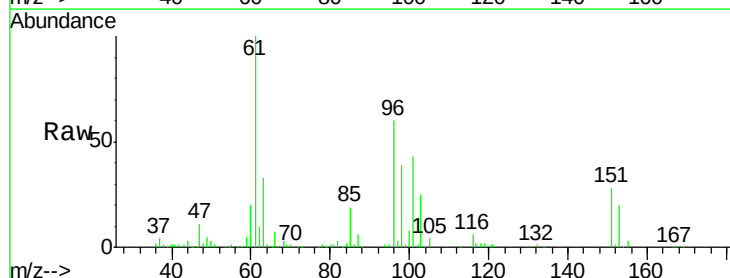
Tgt Ion: 96 Resp: 23865

Ion Ratio Lower Upper

96 100

61 167.7 133.8 200.6

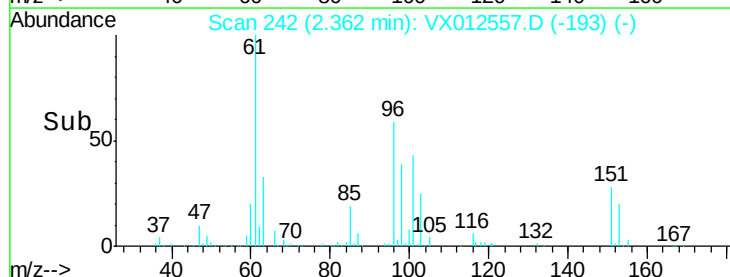
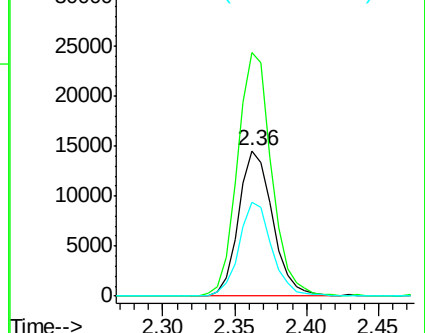
98 64.7 49.9 74.9

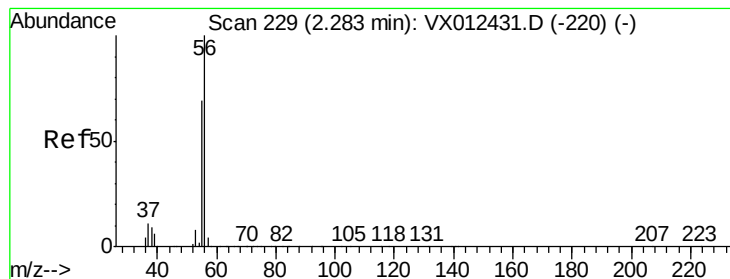


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 82.629 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

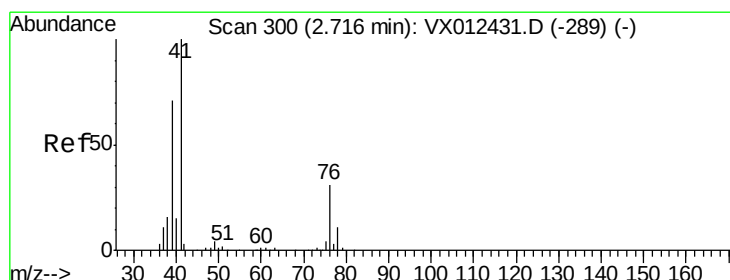
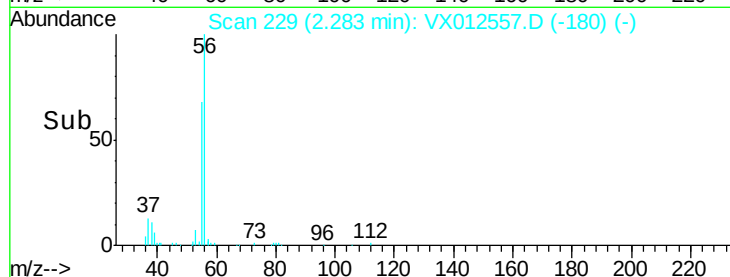
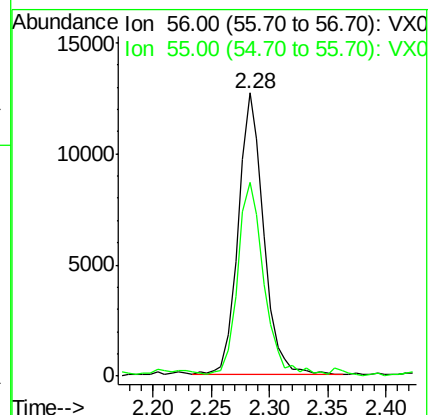
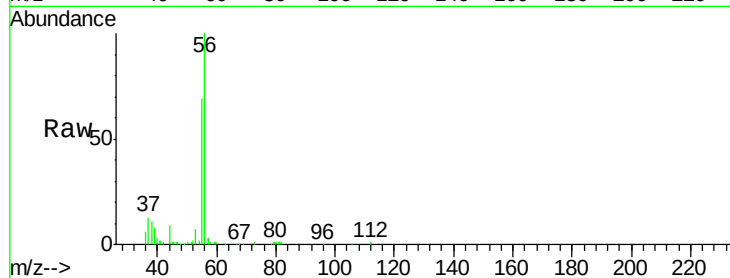
VX0920WBSD01

Tot Ion: 56 Resp: 19053

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.8



#14

Allyl chloride

Concen: 20.453 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

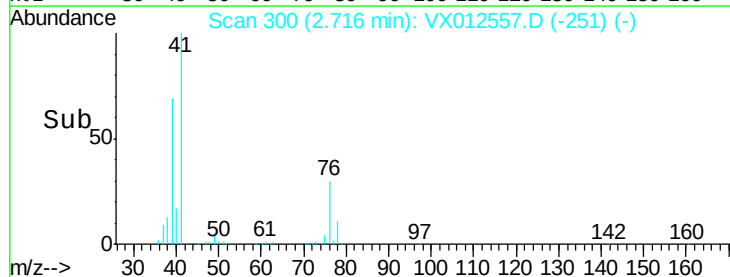
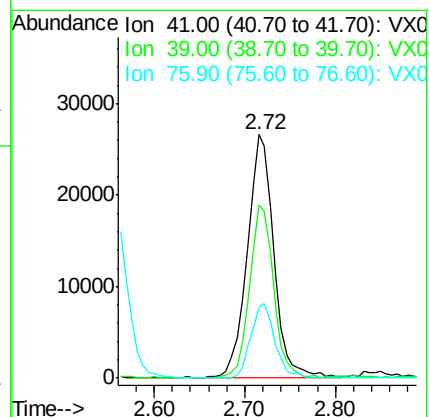
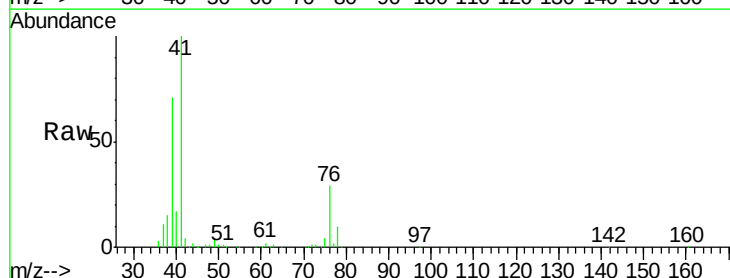
Tgt Ion: 41 Resp: 54114

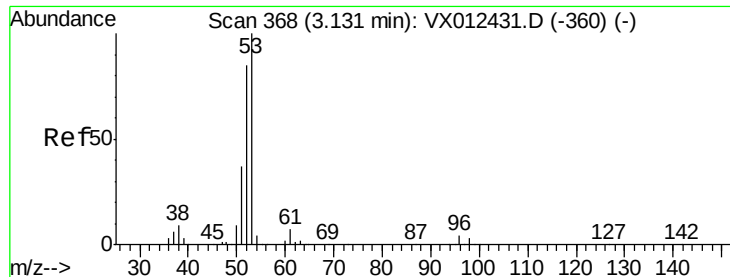
Ion Ratio Lower Upper

41 100

39 63.4 51.3 76.9

76 27.5 22.6 33.8





#15

Acrylonitrile

Concen: 105.950 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

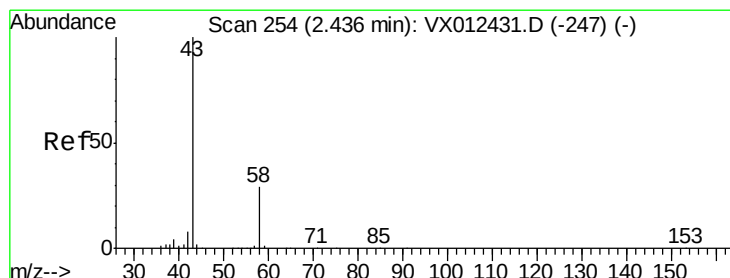
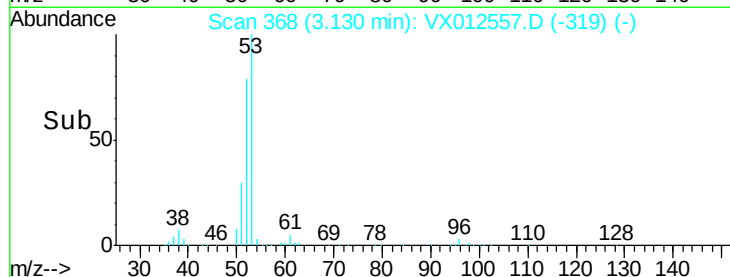
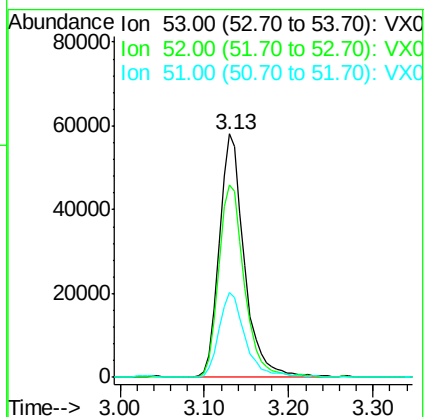
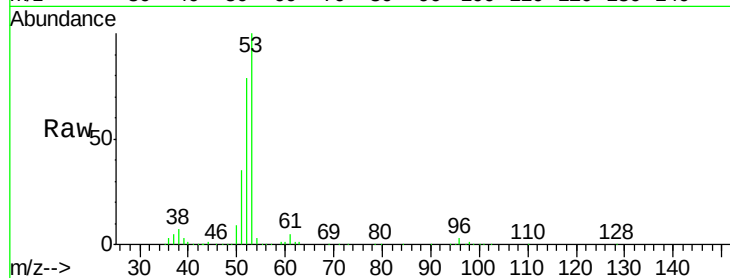
Tot Ion: 53 Resp: 118943

Ion Ratio Lower Upper

53 100

52 81.6 67.0 100.4

51 36.6 29.6 44.4



#16

Acetone

Concen: 88.846 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012557.D

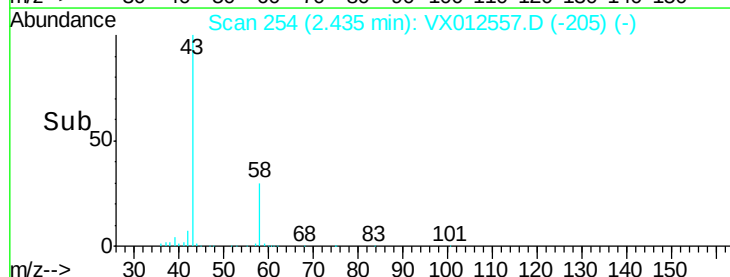
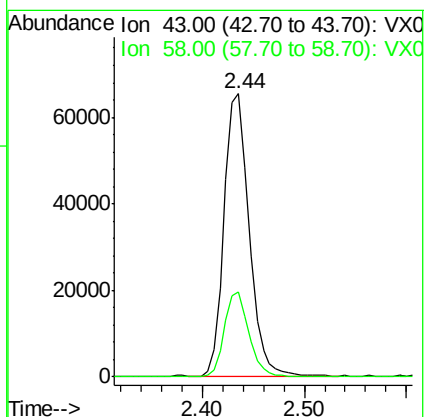
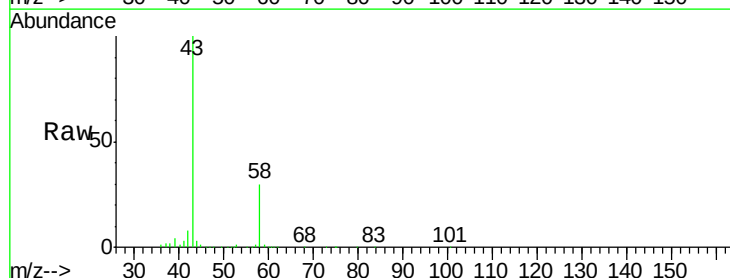
Acq: 20 Sep 2019 15:12

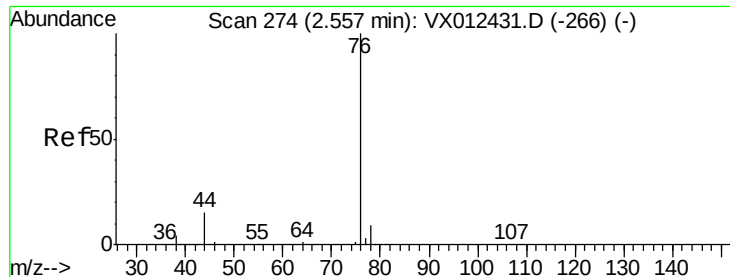
Tgt Ion: 43 Resp: 111245

Ion Ratio Lower Upper

43 100

58 29.8 23.3 34.9





#17

Carbon Disulfide

Concen: 18.219 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

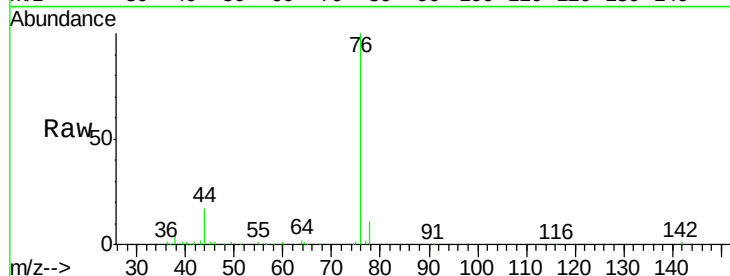
VX0920WBSD01

Tot Ion: 76 Resp: 27368

Ion Ratio Lower Upper

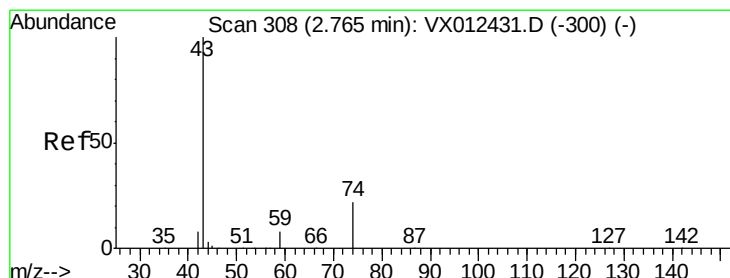
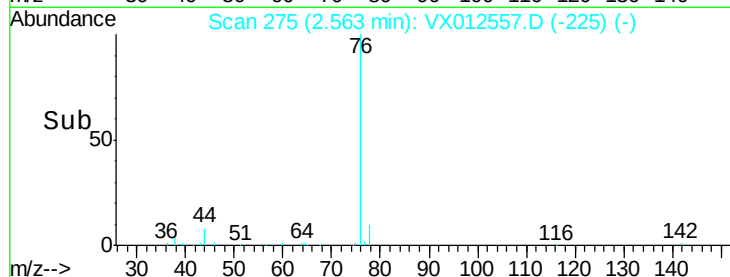
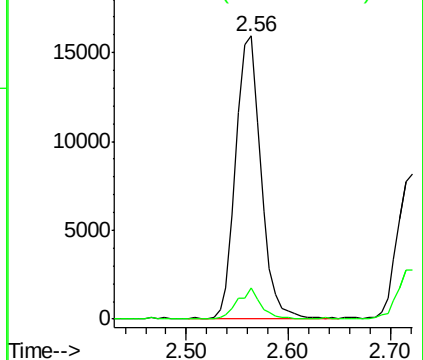
76 100

78 10.9 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: 21.002 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012557.D

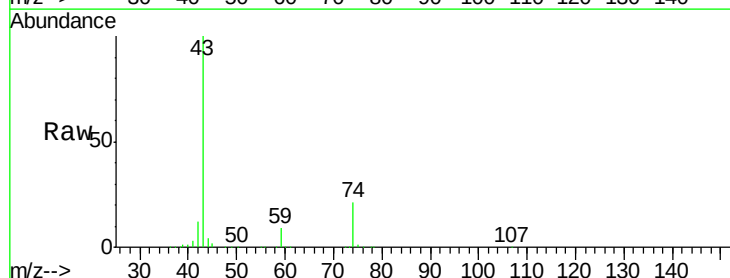
Acq: 20 Sep 2019 15:12

Tgt Ion: 43 Resp: 56696

Ion Ratio Lower Upper

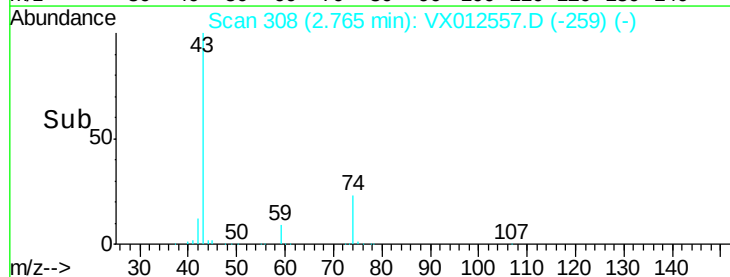
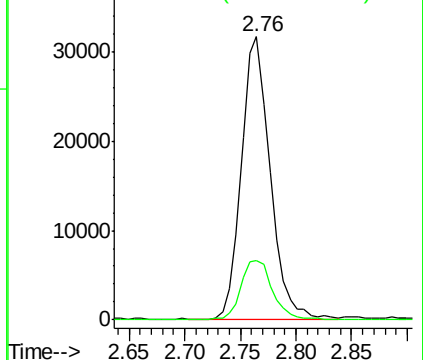
43 100

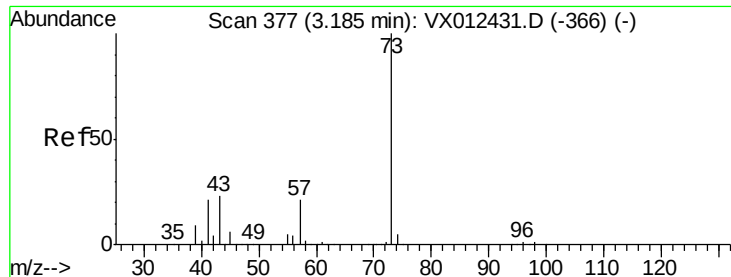
74 23.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

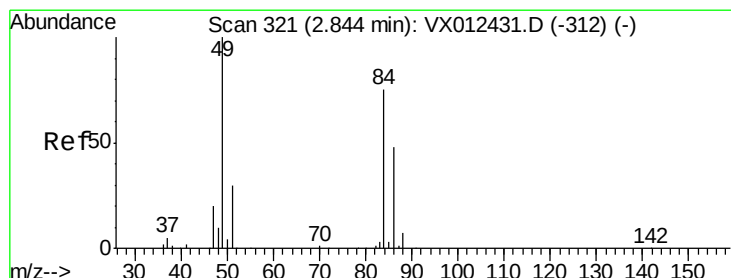
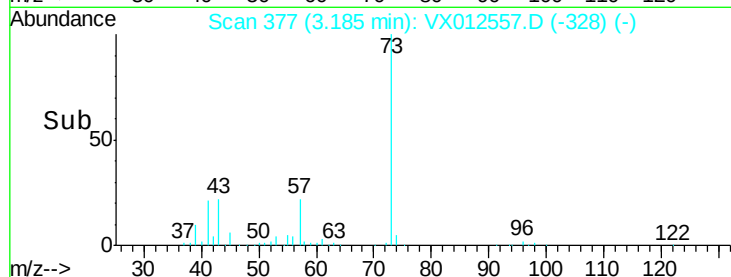
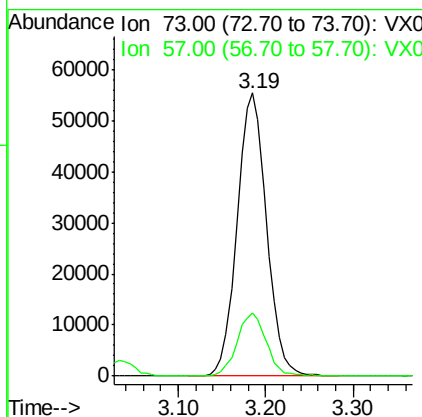
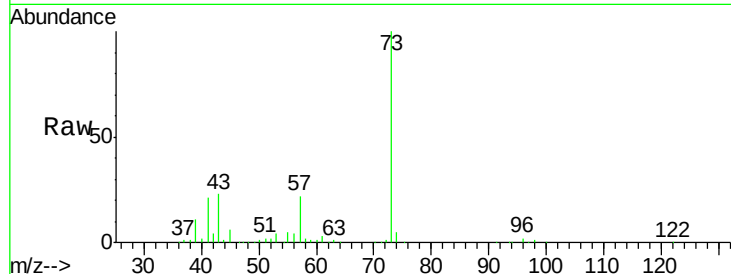




#19
Methyl tert-butyl Ether
Concen: 20.878 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

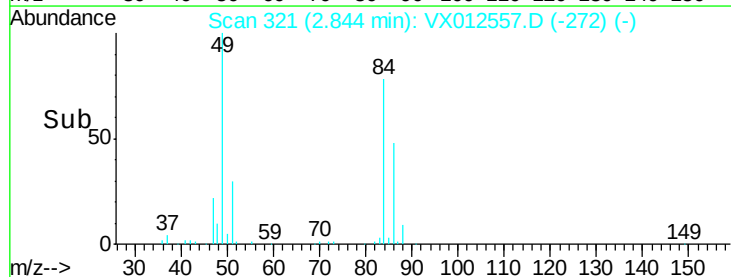
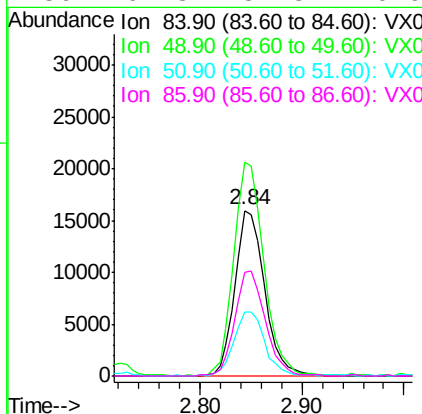
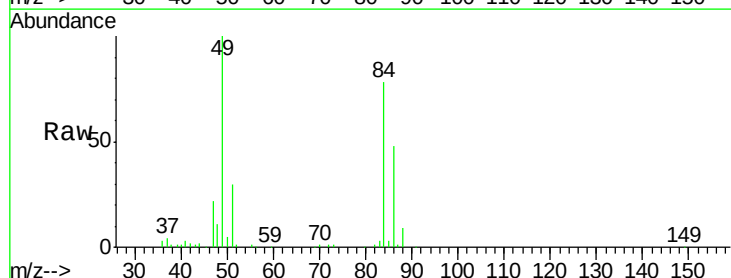
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

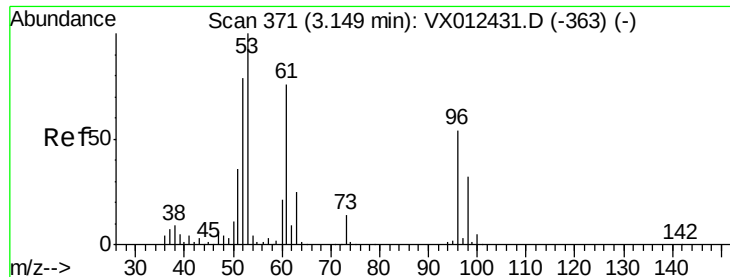
Tot Ion: 73 Resp: 129369
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2



#20
Methylene Chloride
Concen: 20.521 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 84 Resp: 32175
Ion Ratio Lower Upper
84 100
49 128.4 106.8 160.2
51 38.0 32.3 48.5
86 62.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.906 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

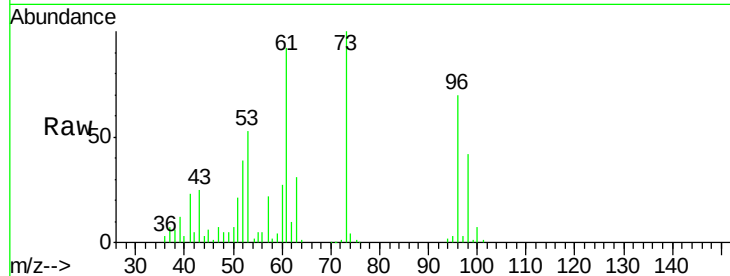
Tot Ion: 96 Resp: 24672

Ion Ratio Lower Upper

96 100

61 131.4 112.0 168.0

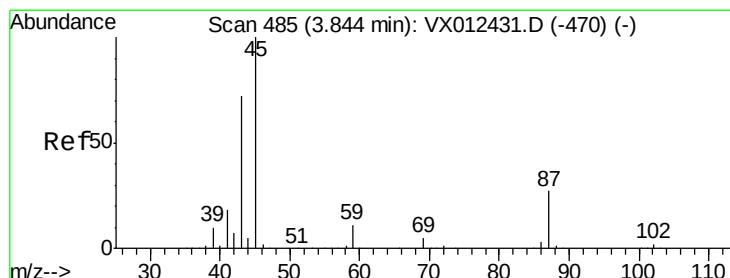
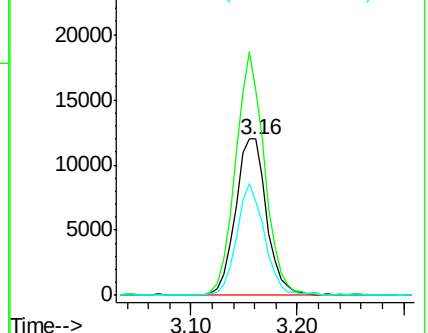
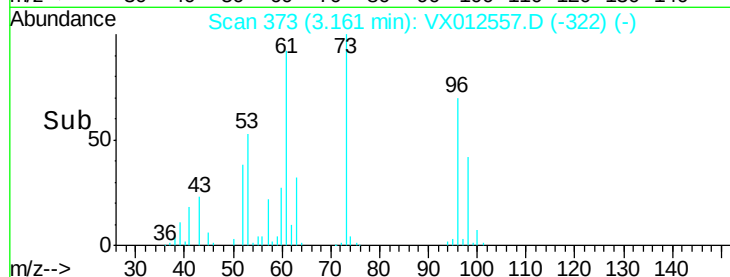
98 59.7 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.989 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion: 45 Resp: 130025

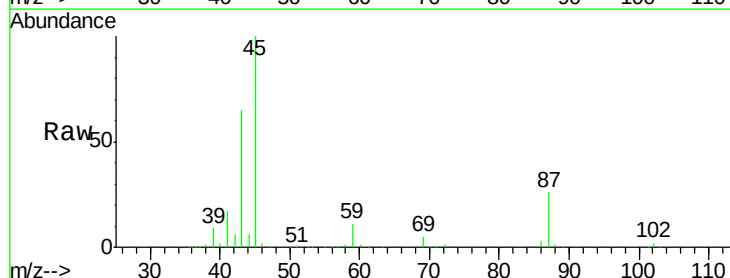
Ion Ratio Lower Upper

45 100

43 64.1 57.8 86.8

87 26.1 21.3 31.9

59 10.4 8.5 12.7

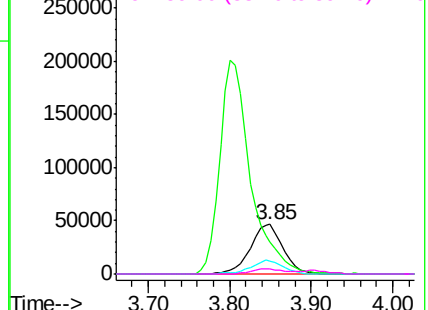
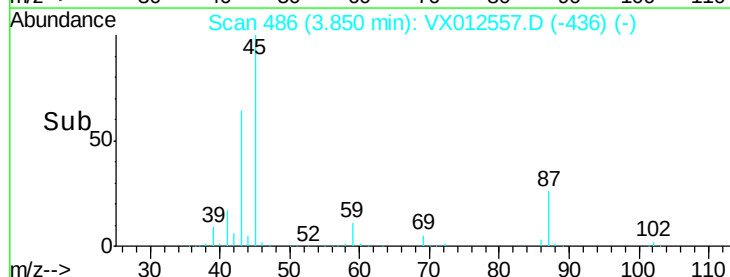


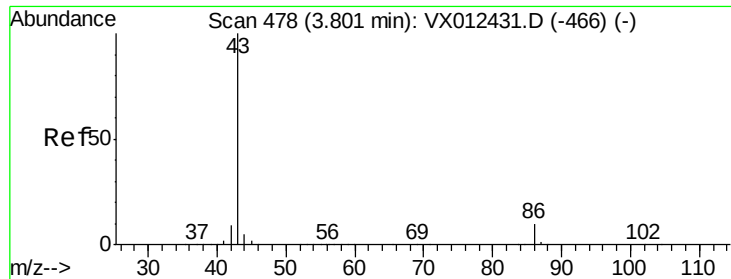
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.963 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

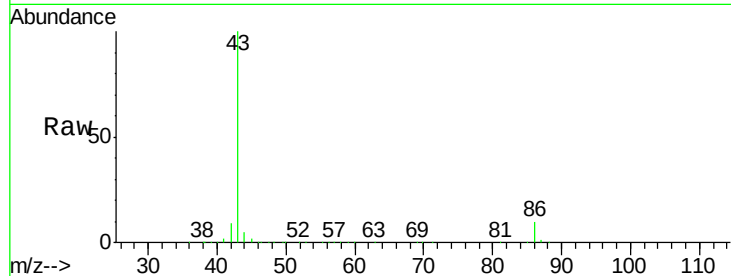
VX0920WBSD01

Tot Ion: 43 Resp: 529802

Ion Ratio Lower Upper

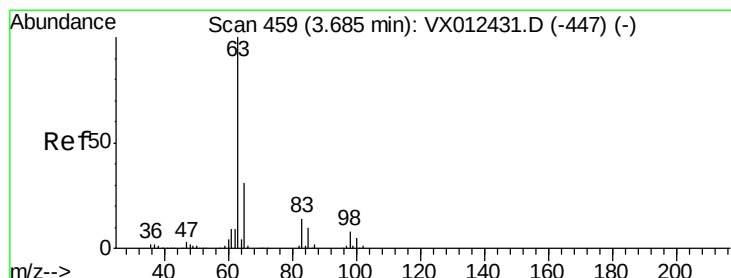
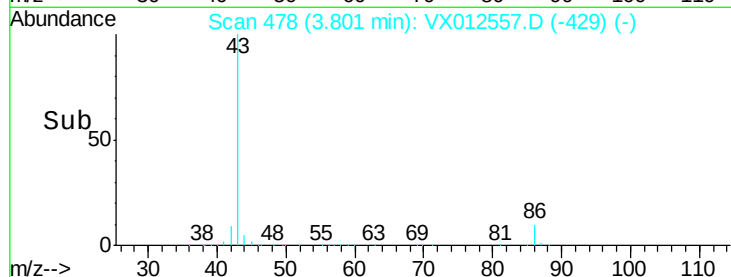
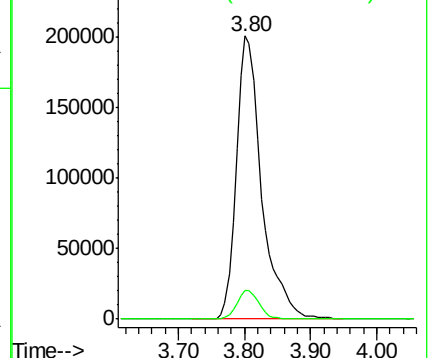
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.241 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

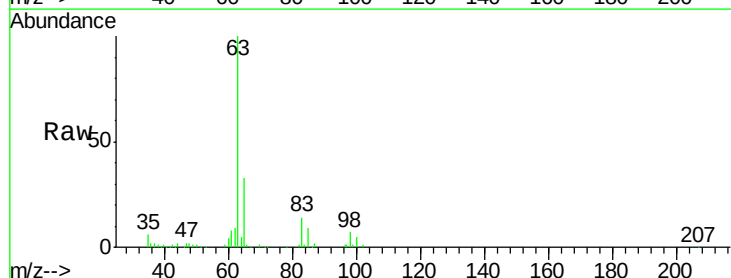
Tgt Ion: 63 Resp: 62960

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

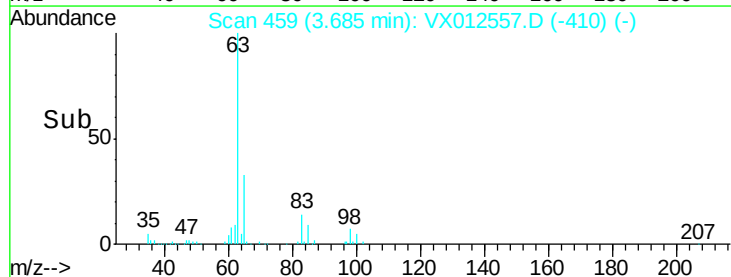
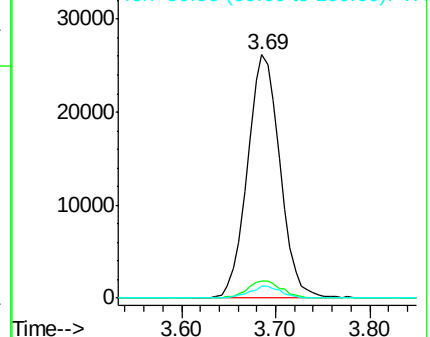
100 4.9 2.3 6.9

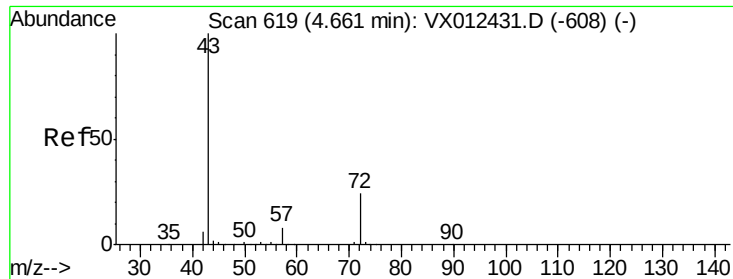


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.298 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

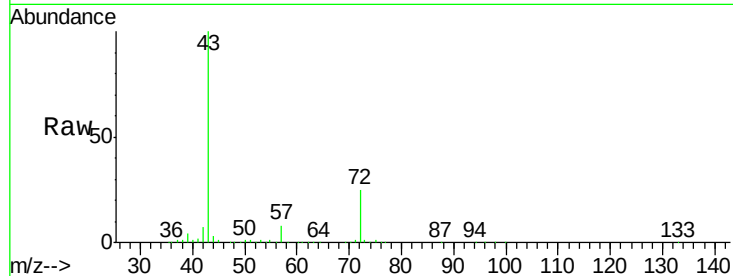
VX0920WBSD01

Tot Ion: 43 Resp: 173052

Ion Ratio Lower Upper

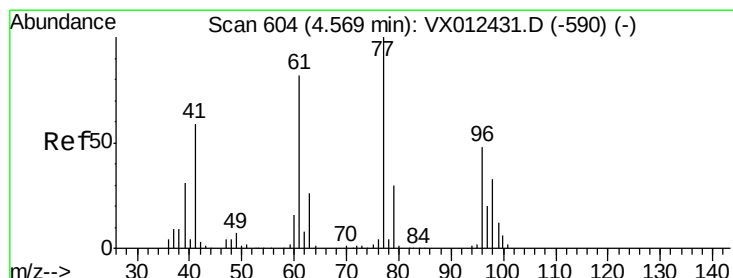
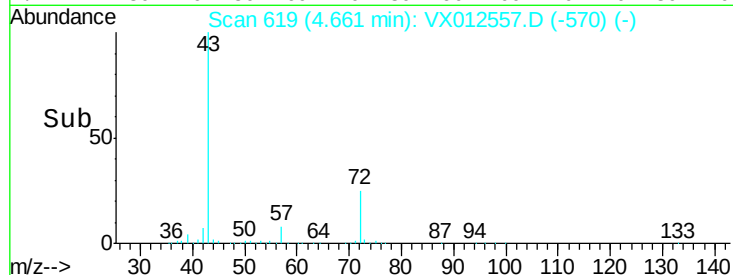
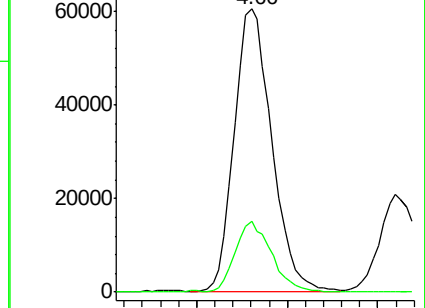
43 100

72 24.8 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: 18.129 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012557.D

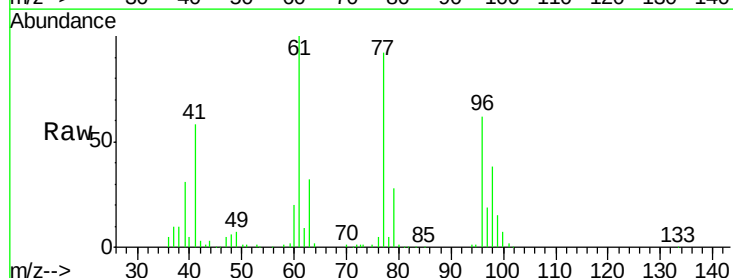
Acq: 20 Sep 2019 15:12

Tgt Ion: 77 Resp: 52847

Ion Ratio Lower Upper

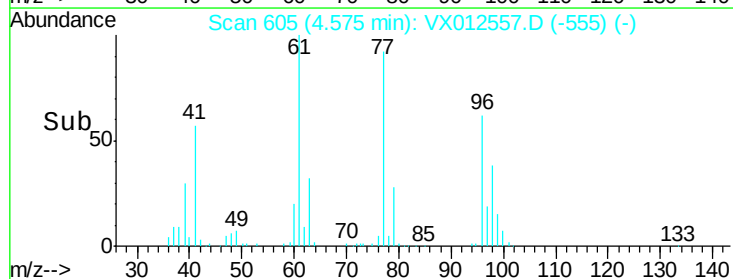
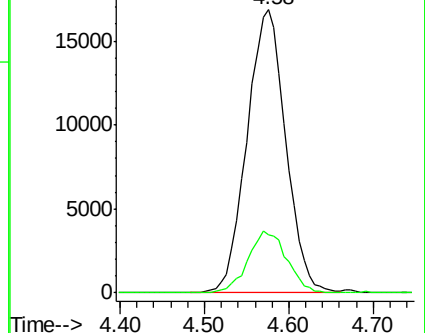
77 100

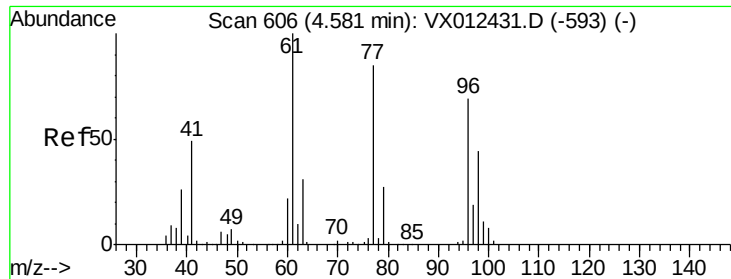
97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



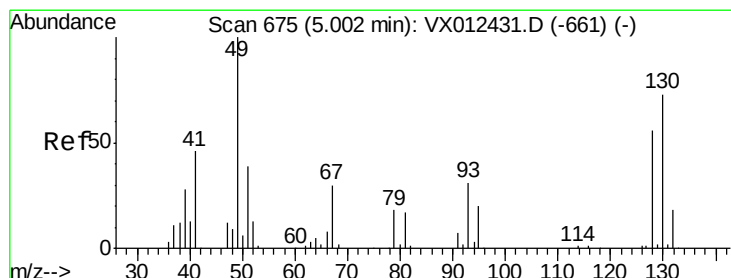
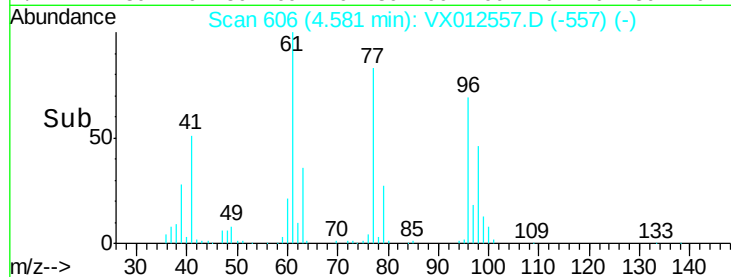
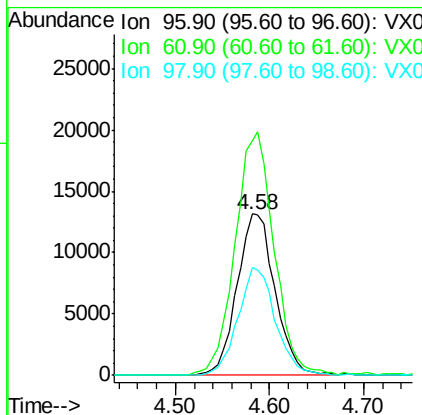
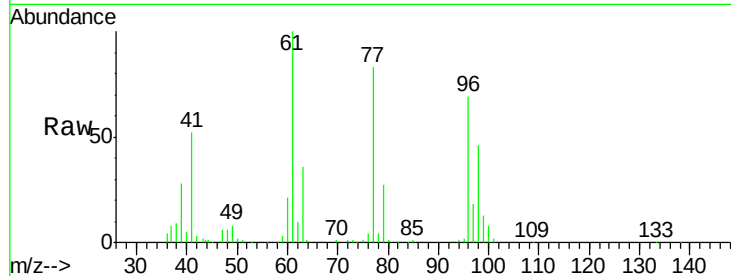


#27

cis-1,2-Dichloroethene
 Concen: 21.011 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0920WBSD01

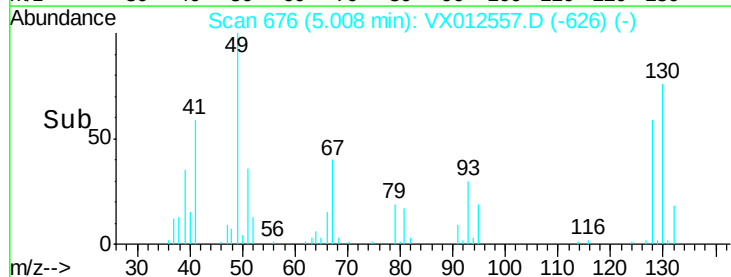
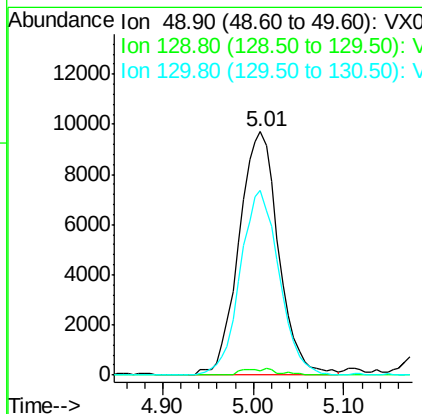
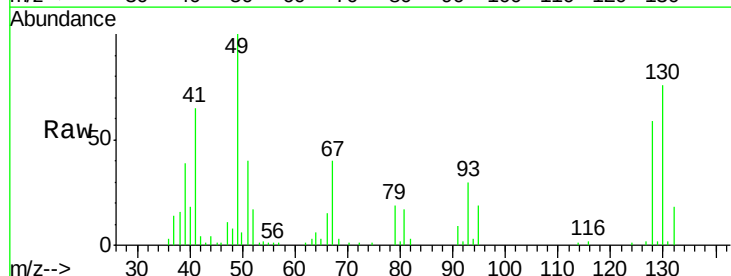
Tot Ion: 96 Resp: 37041
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 319.4
 98 66.3 0.0 130.6

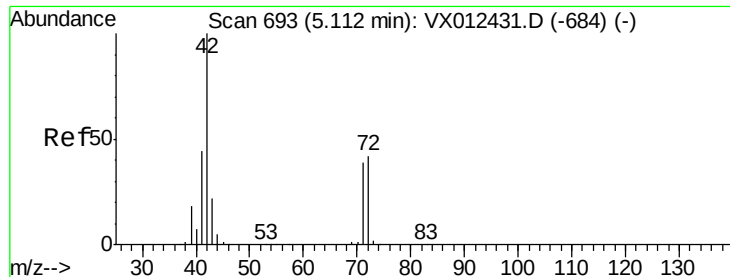


#28

Bromochloromethane
 Concen: 19.217 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 49 Resp: 29365
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 74.7 58.2 87.4

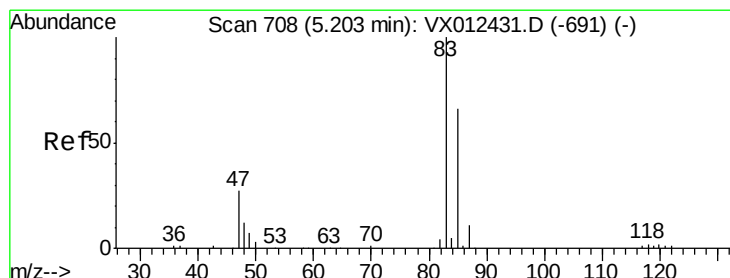
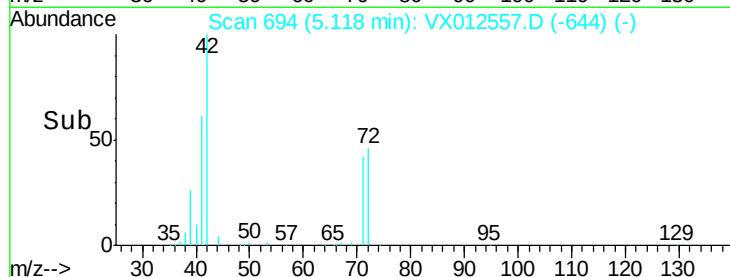
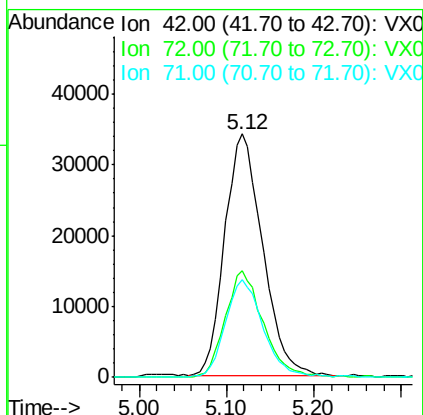
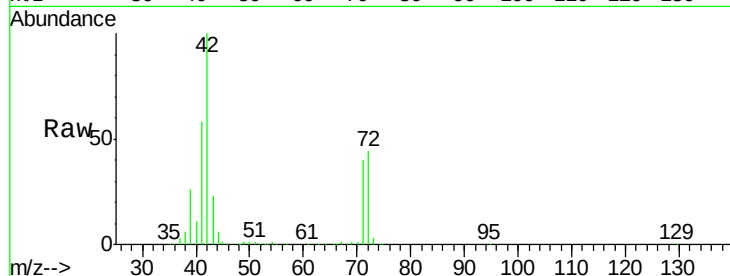




#29
Tetrahydrofuran
Concen: 103.167 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

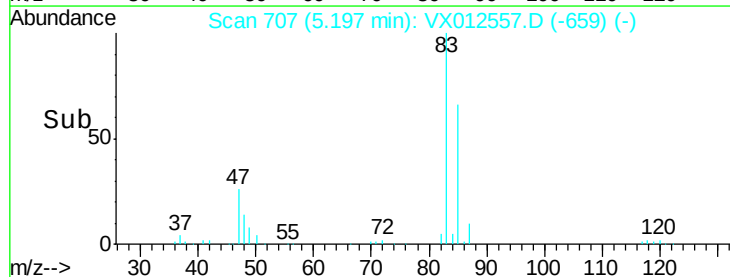
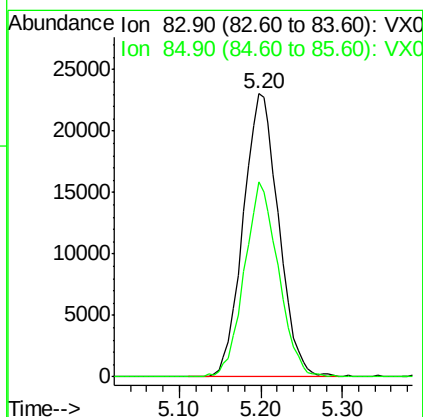
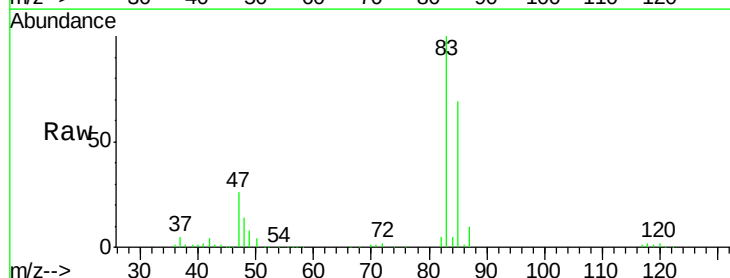
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

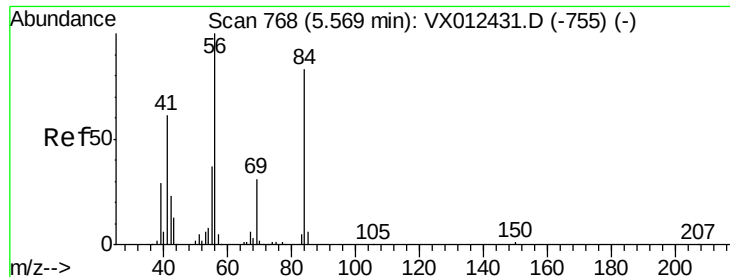
Tot Ion: 42 Resp: 102420
Ion Ratio Lower Upper
42 100
72 44.6 34.0 51.0
71 40.2 31.5 47.3



#30
Chloroform
Concen: 20.438 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 83 Resp: 69572
Ion Ratio Lower Upper
83 100
85 69.0 53.0 79.4





#31

Cyclohexane

Concen: 21.030 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

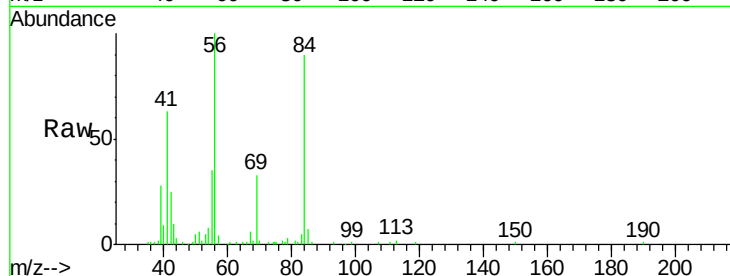
Tot Ion: 56 Resp: 37628

Ion Ratio Lower Upper

56 100

69 32.6 25.0 37.6

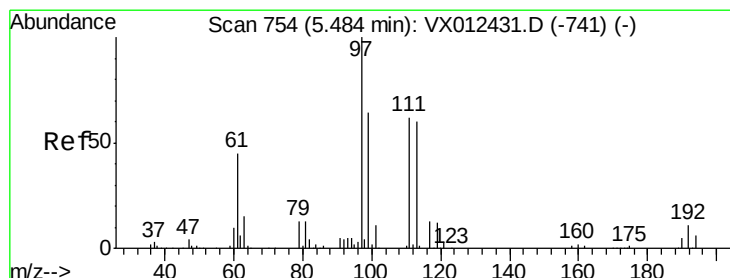
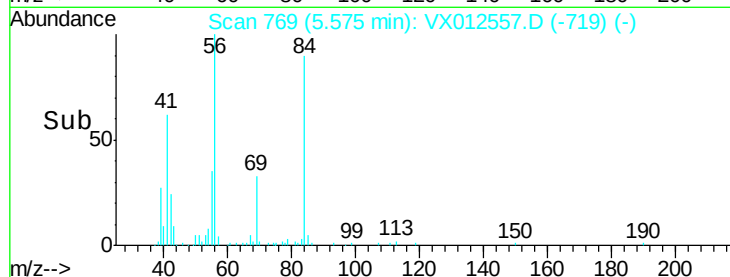
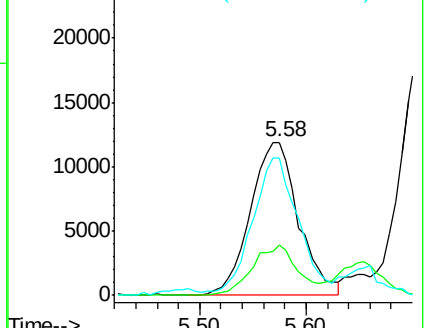
84 85.2 66.4 99.6



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: 20.454 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

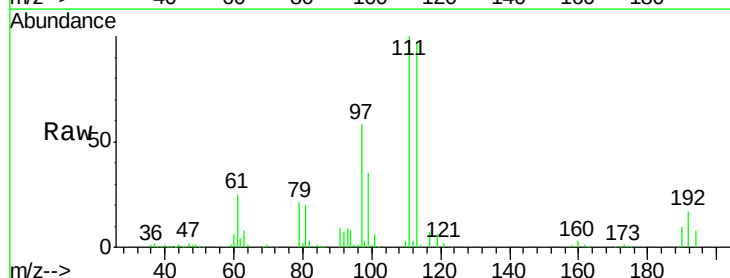
Tgt Ion: 97 Resp: 58194

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

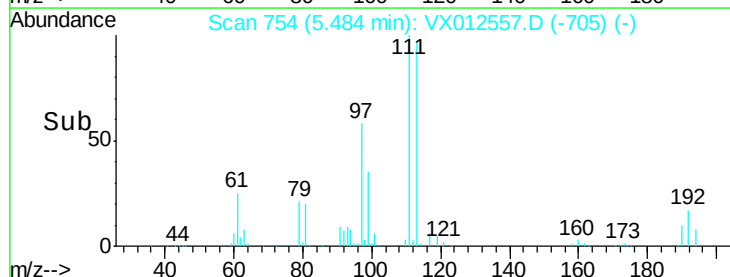
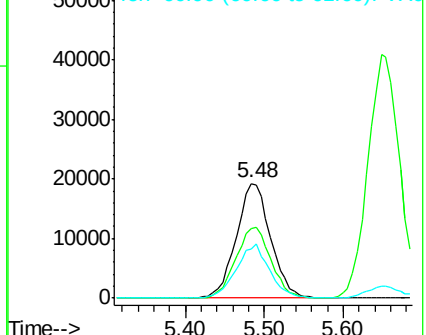
61 45.1 36.1 54.1

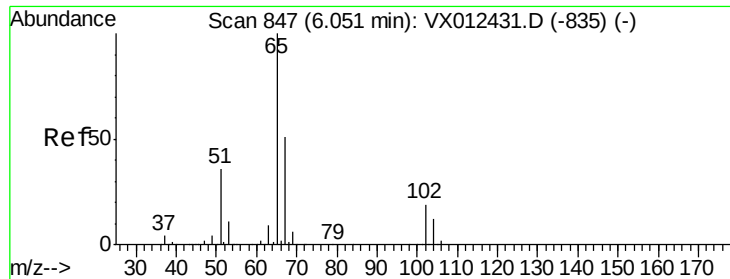


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

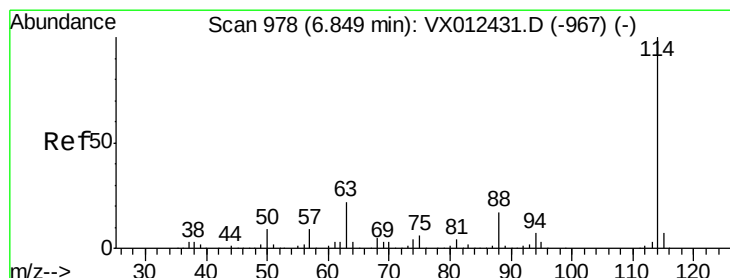
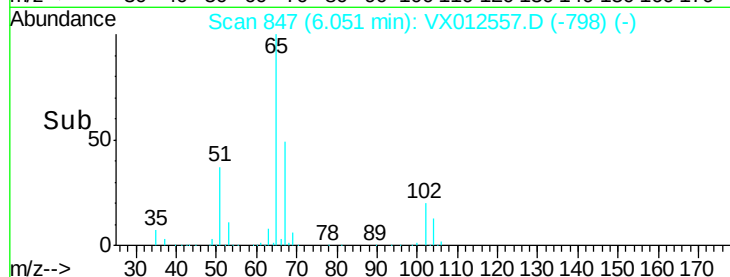
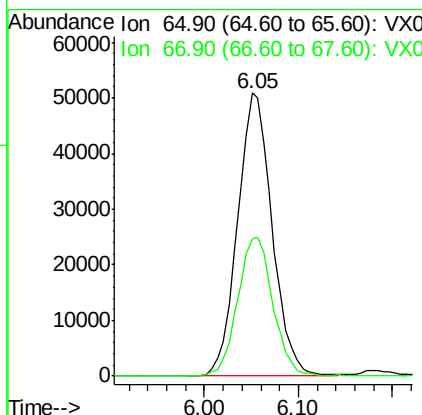
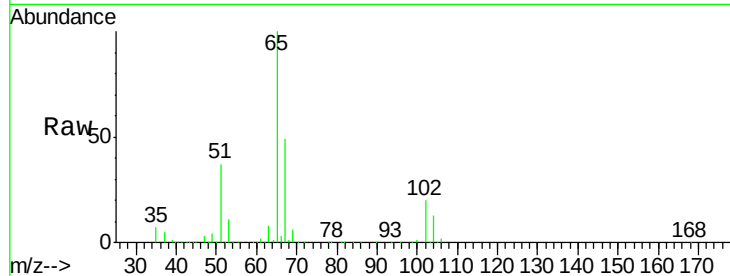




#33
 1,2-Dichloroethane-d4
 Concen: 50.311 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

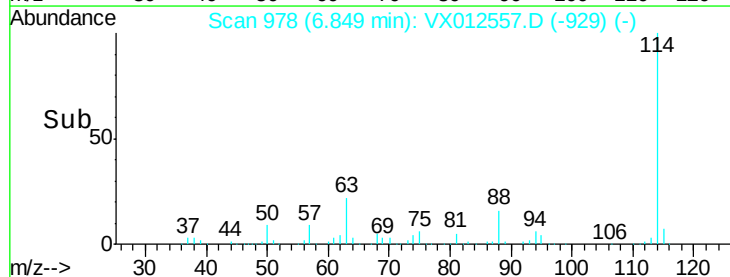
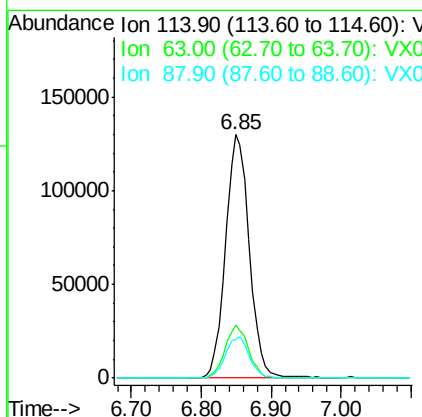
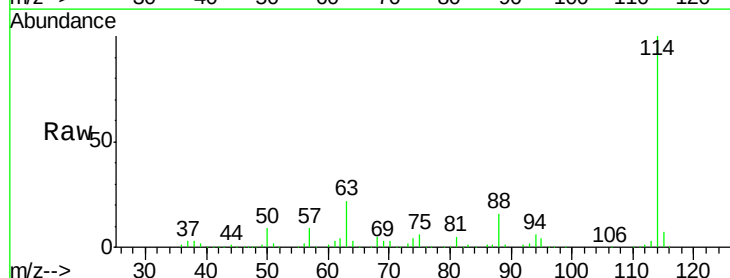
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

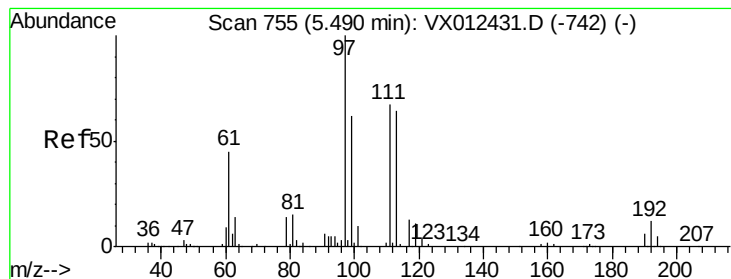
Tot Ion: 65 Resp: 130338
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 114 Resp: 306184
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

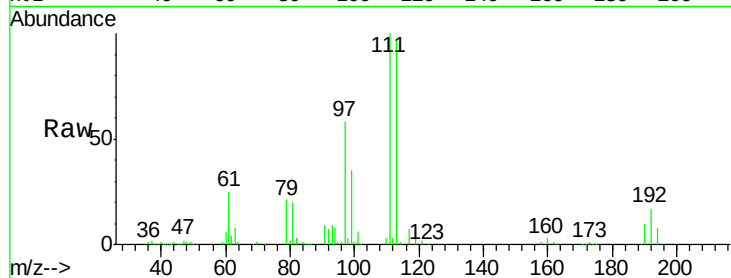
Tot Ion:113 Resp: 93892

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

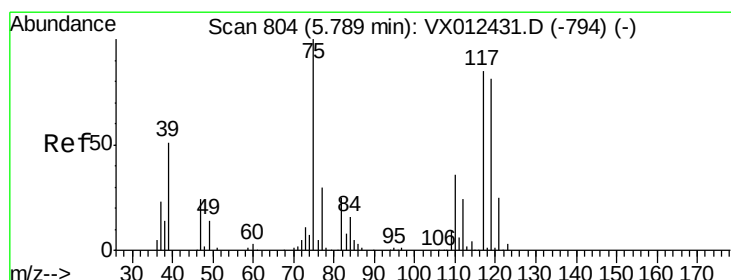
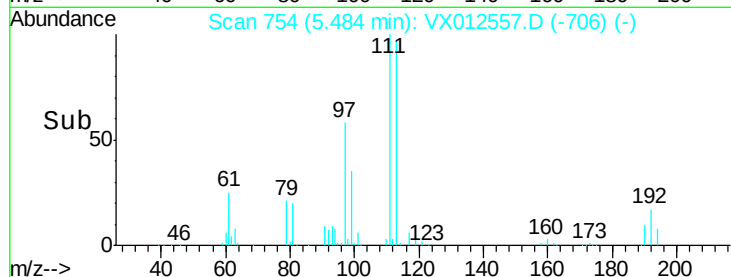
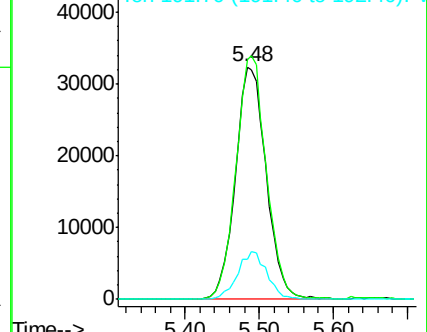
192 19.5 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.093 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

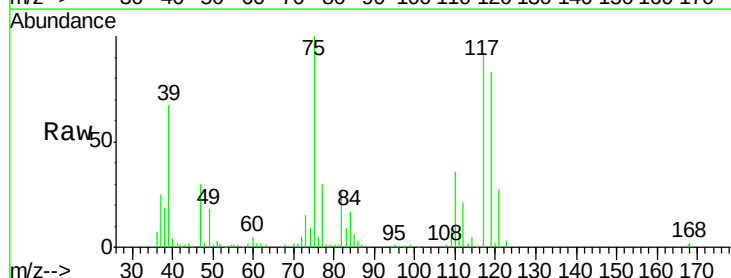
Tgt Ion: 75 Resp: 37390

Ion Ratio Lower Upper

75 100

110 35.4 16.7 50.0

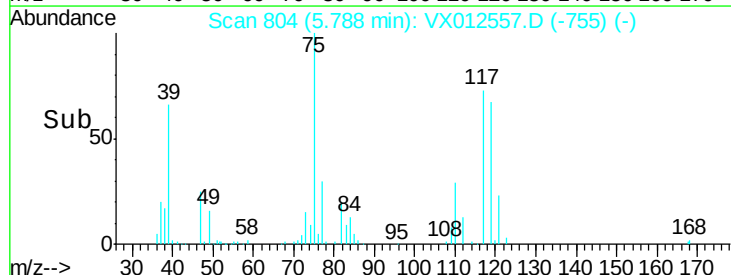
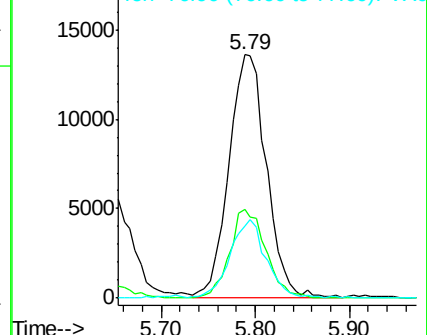
77 31.6 24.2 36.2

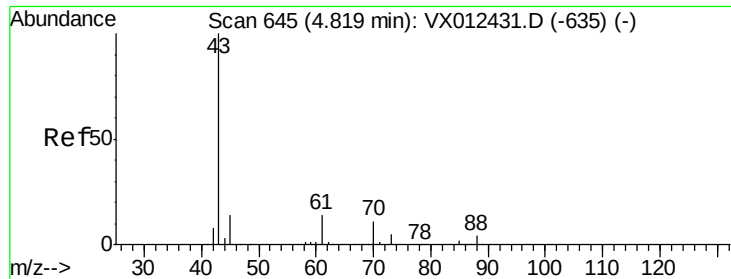


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

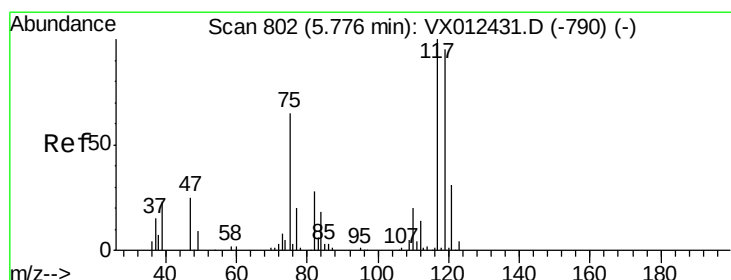
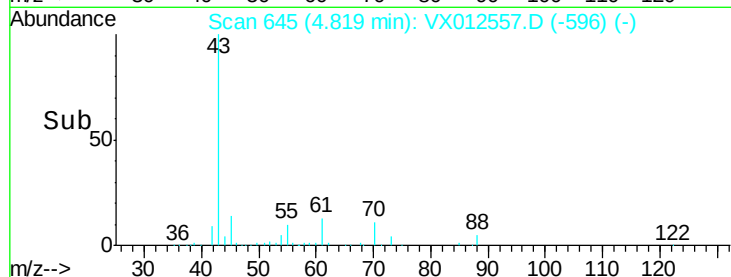
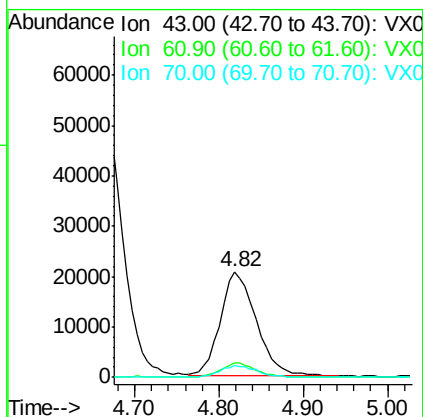
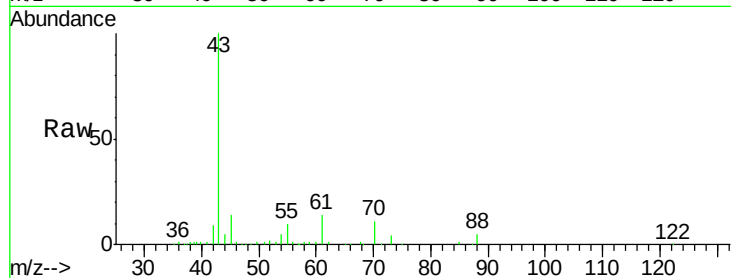




#37
Ethyl Acetate
Concen: 21.239 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

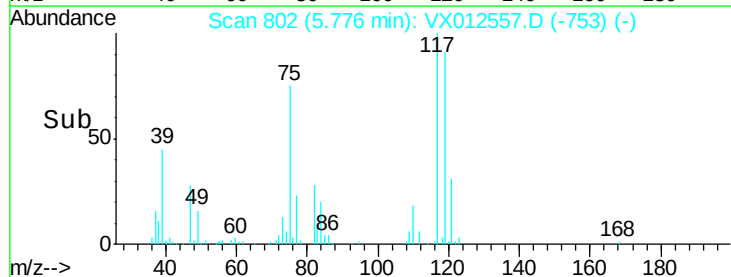
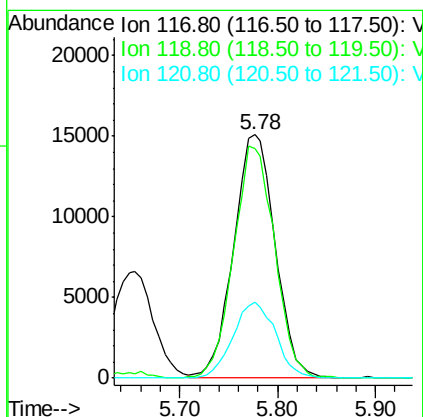
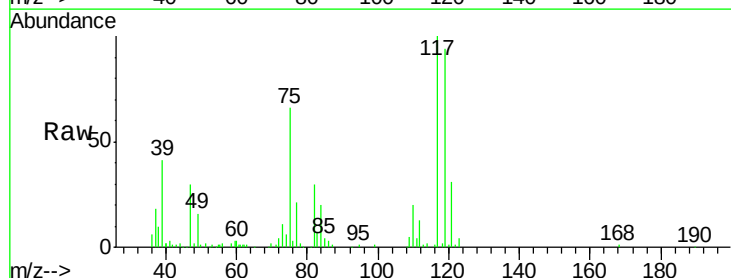
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

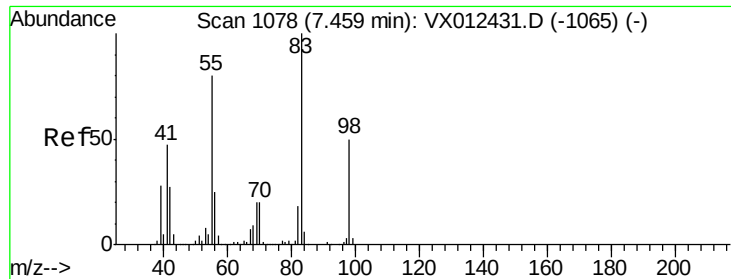
Tot Ion: 43 Resp: 60666
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.4
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 117 Resp: 44452
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5
121 31.4 24.2 36.4

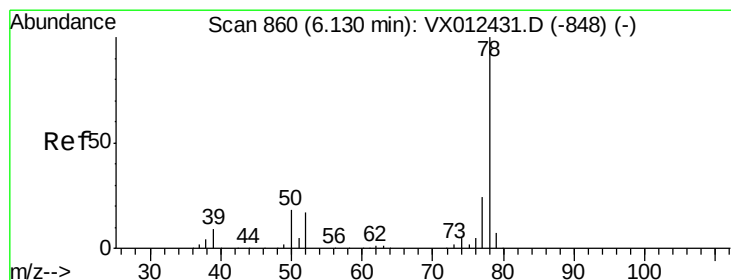
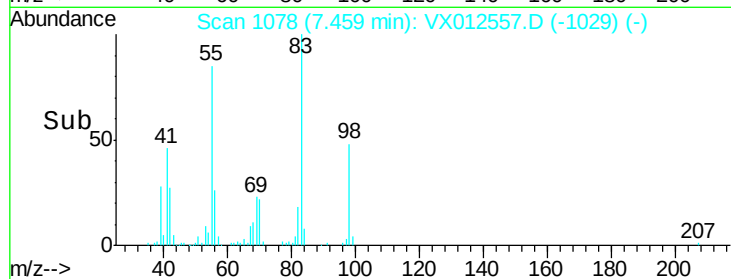
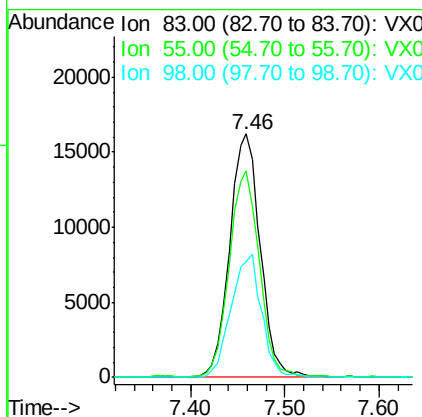
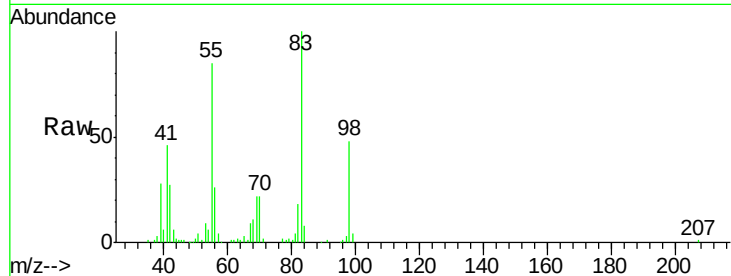




#39
Methylvlcyclohexane
Concen: 20.211 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

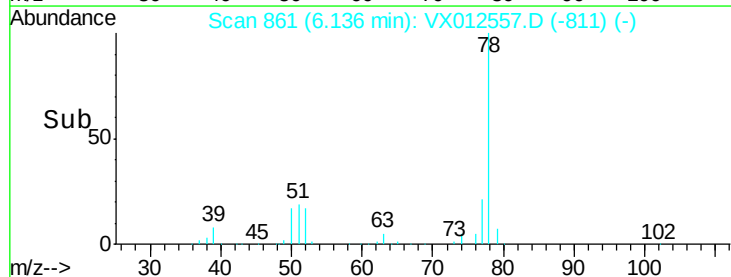
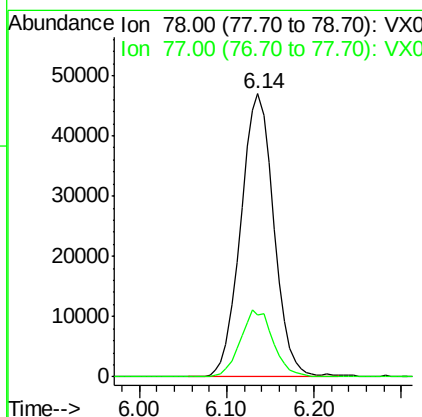
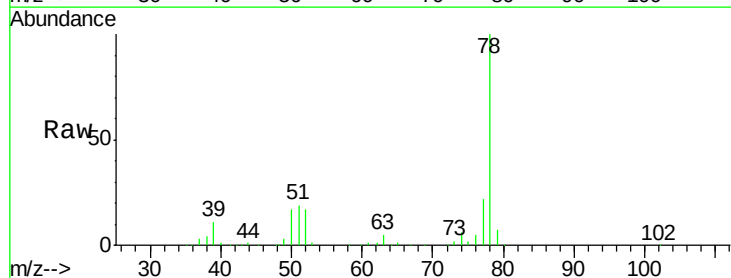
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

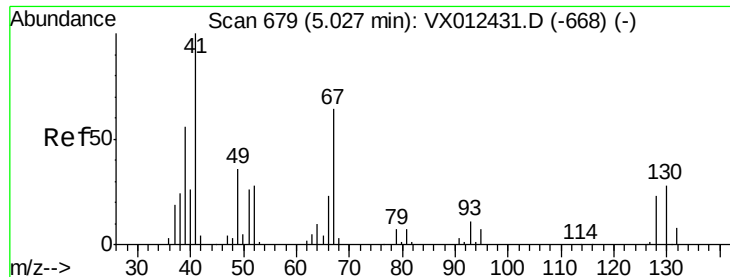
Tot Ion: 83 Resp: 36562
Ion Ratio Lower Upper
83 100
55 85.0 64.4 96.6
98 47.5 40.1 60.1



#40
Benzene
Concen: 20.865 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 78 Resp: 123464
Ion Ratio Lower Upper
78 100
77 21.9 19.2 28.8





#41

Methacrylonitrile

Concen: 20.518 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

Tot Ion: 41 Resp: 37738

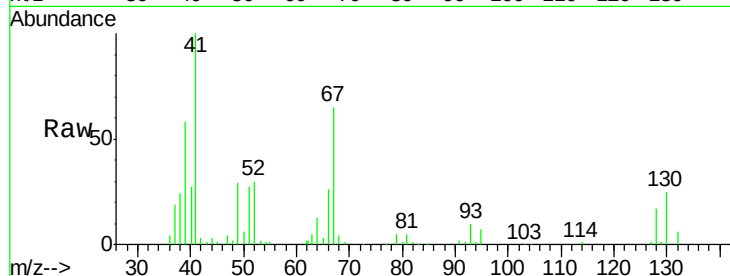
Ion Ratio Lower Upper

41 100

39 53.5 46.0 69.0

67 67.2 52.2 78.2

52 27.3 22.7 34.1

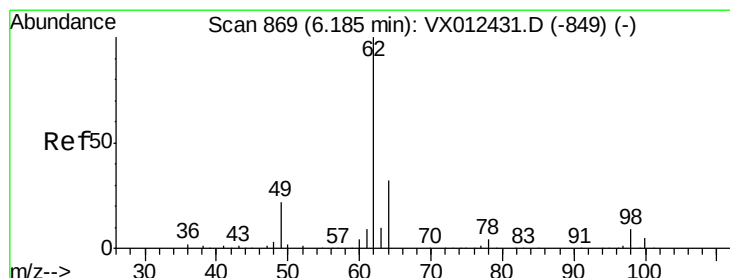
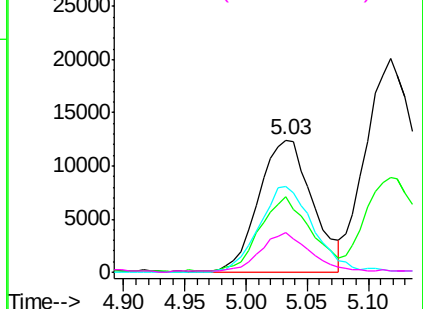
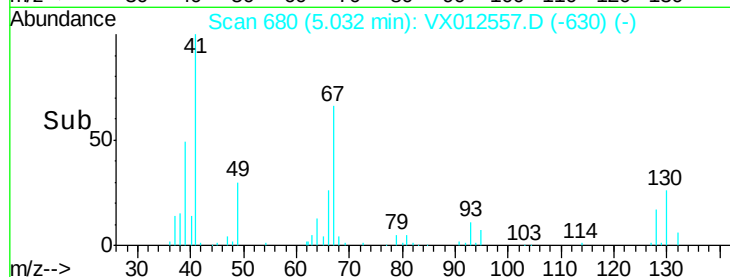


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.703 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012557.D

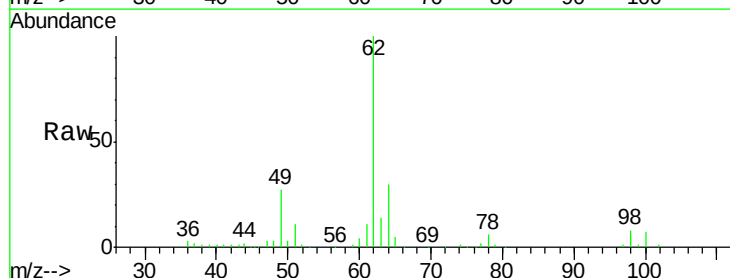
Acq: 20 Sep 2019 15:12

Tgt Ion: 62 Resp: 56822

Ion Ratio Lower Upper

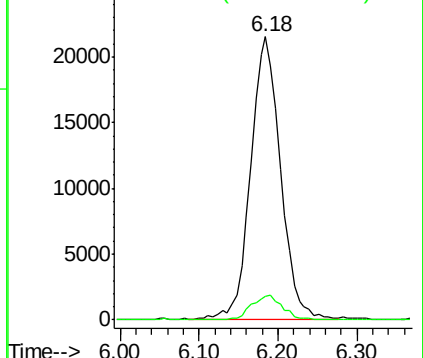
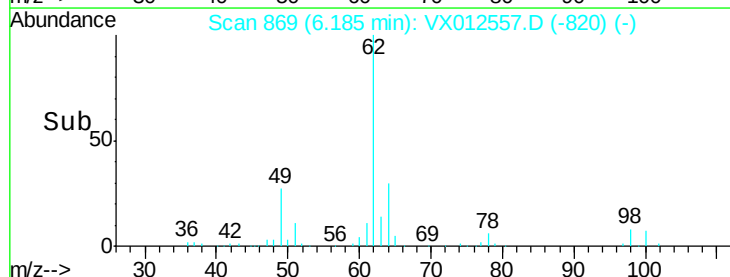
62 100

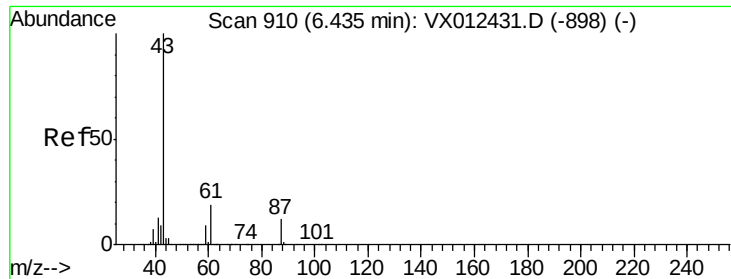
98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.332 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

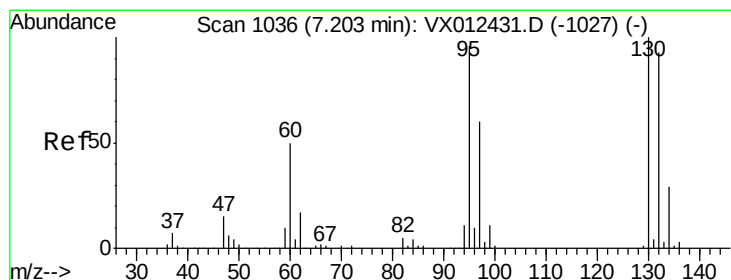
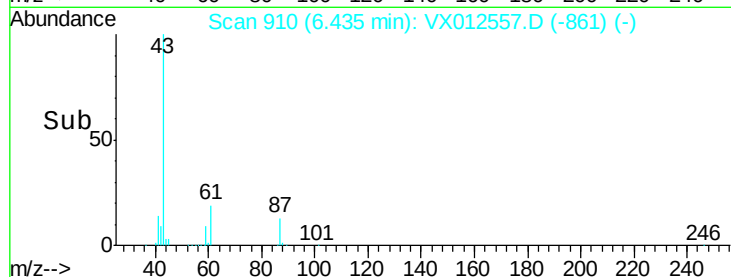
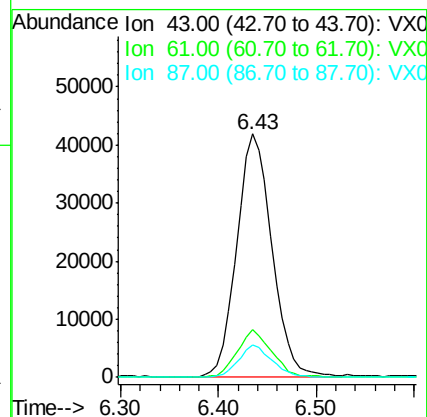
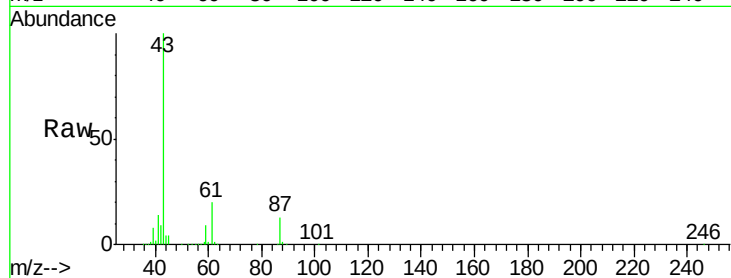
Tot Ion: 43 Resp: 104237

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.0

87 12.7 9.8 14.8



#44

Trichloroethene

Concen: 21.462 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012557.D

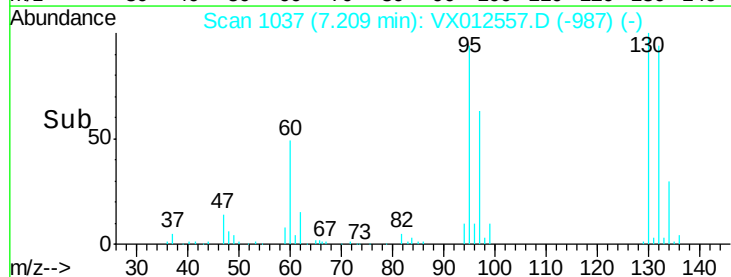
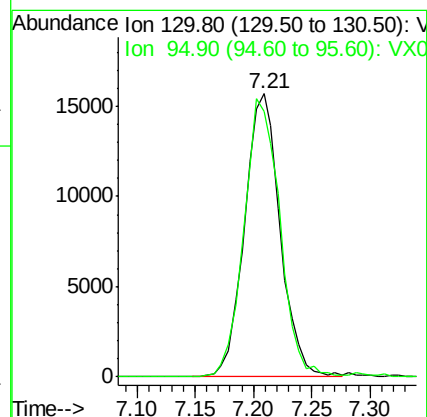
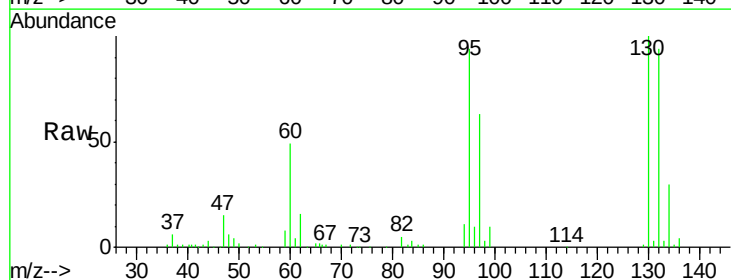
Acq: 20 Sep 2019 15:12

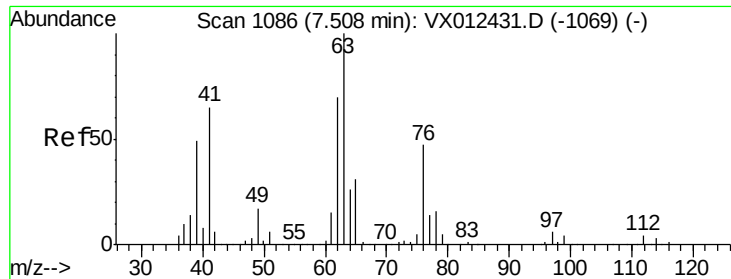
Tgt Ion:130 Resp: 33407

Ion Ratio Lower Upper

130 100

95 93.7 0.0 193.0





#45

1,2-Dichloropropane

Concen: 20.822 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

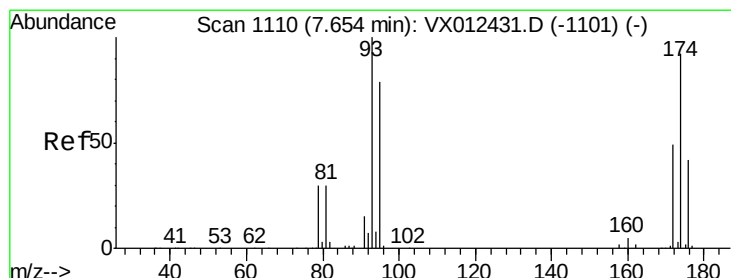
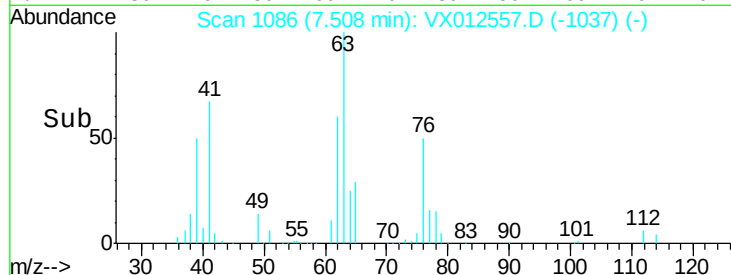
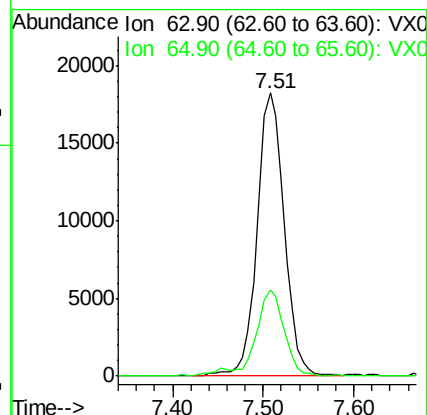
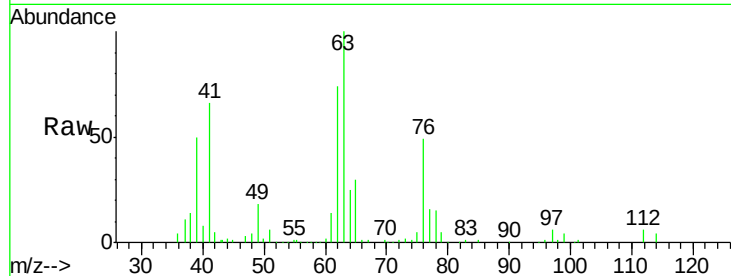
VX0920WBSD01

Tot Ion: 63 Resp: 37854

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6



#46

Dibromomethane

Concen: 20.897 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

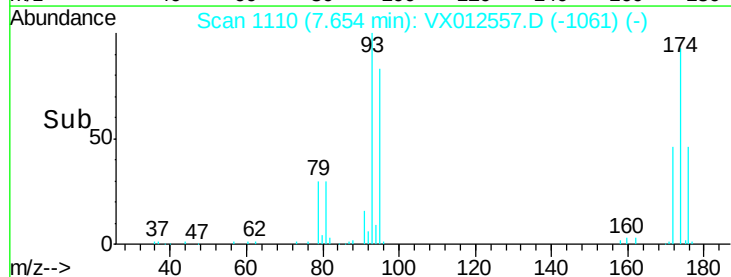
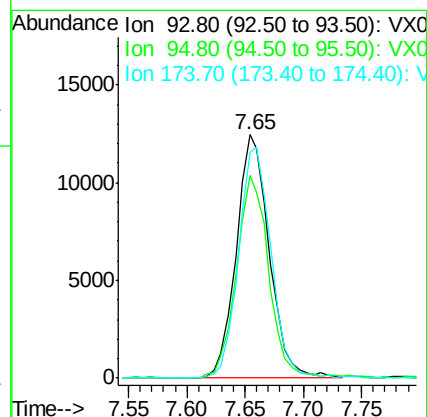
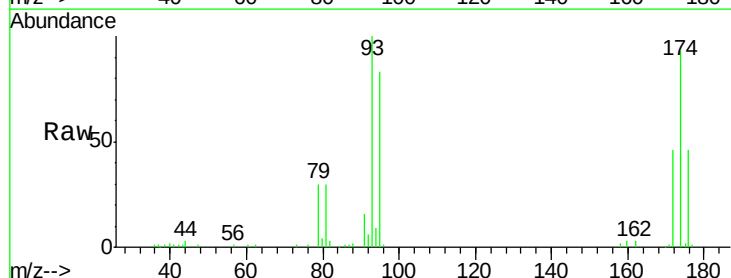
Tgt Ion: 93 Resp: 24584

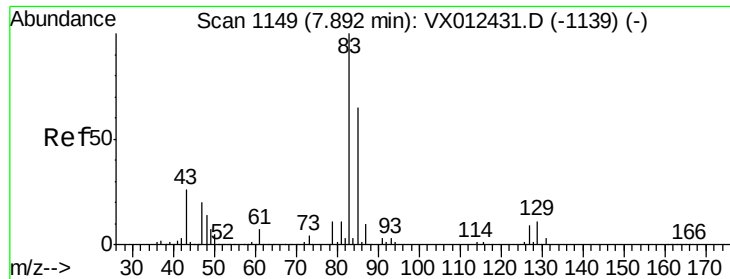
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 93.6 77.4 116.0





#47

Bromodichloromethane

Concen: 19.633 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

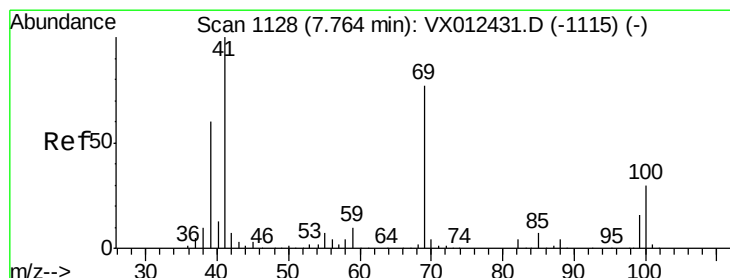
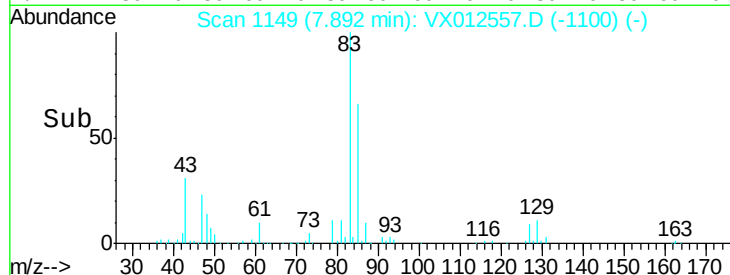
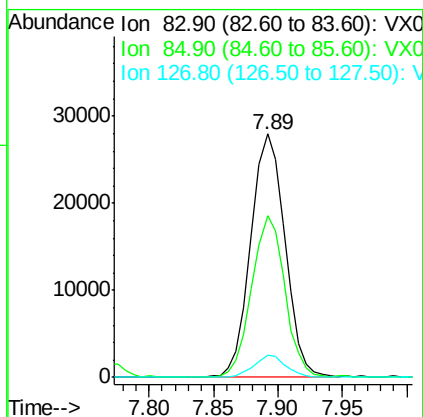
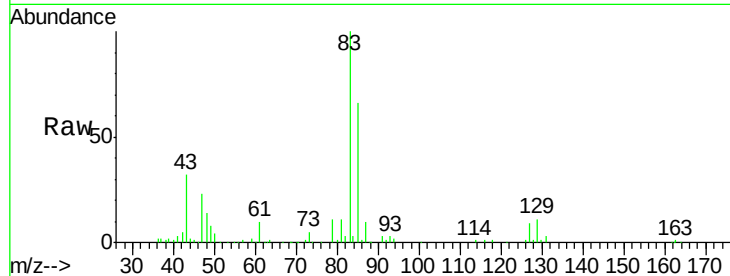
Tot Ion: 83 Resp: 51428

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

127 9.1 7.3 10.9



#48

Methyl methacrylate

Concen: 19.839 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

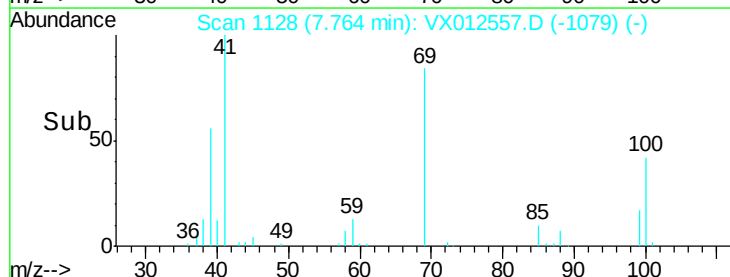
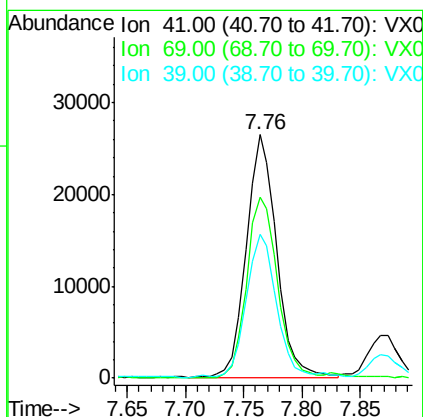
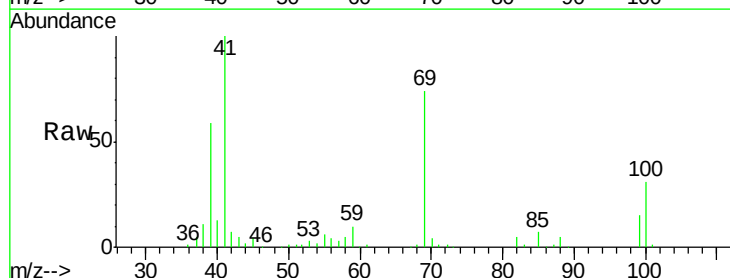
Tgt Ion: 41 Resp: 47944

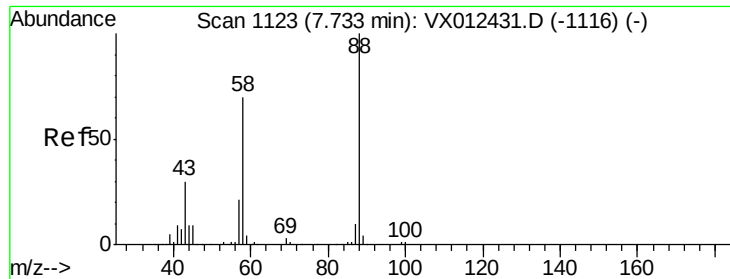
Ion Ratio Lower Upper

41 100

69 76.4 59.9 89.9

39 59.6 47.8 71.6

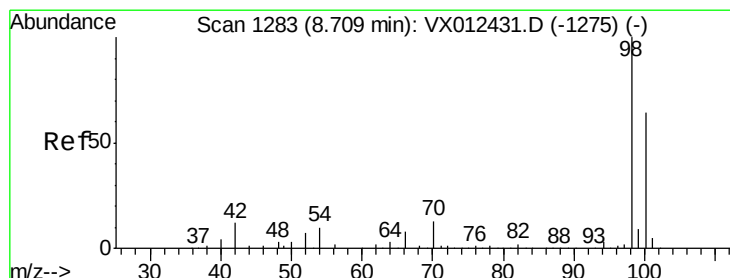
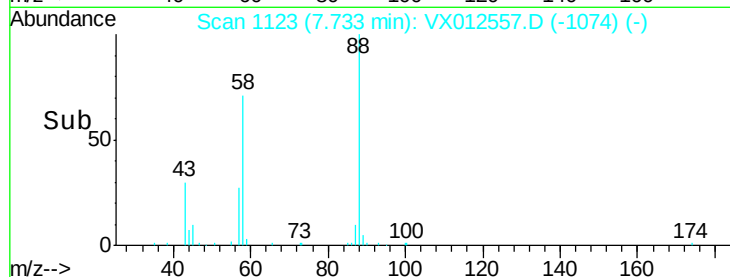
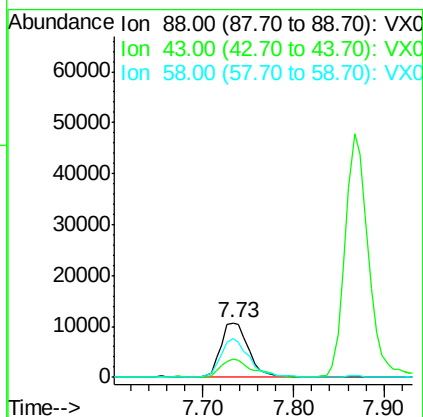
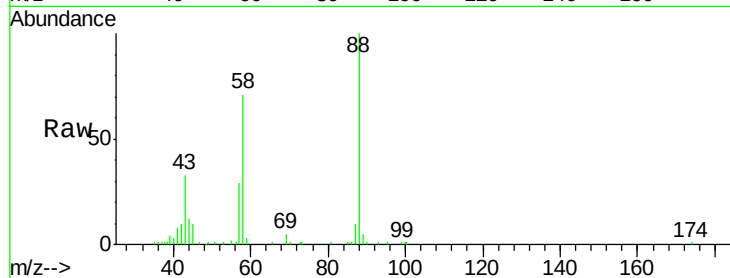




#49
1,4-Dioxane
Concen: 393.454 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

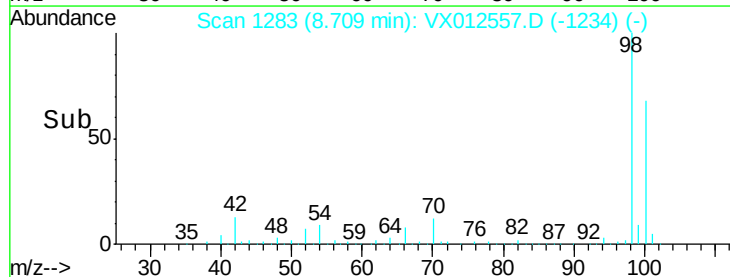
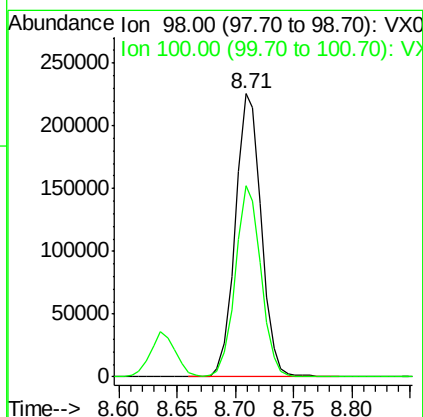
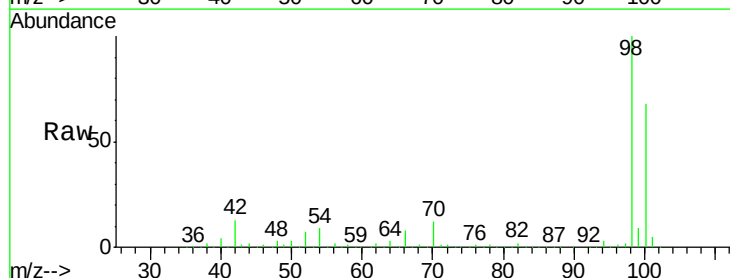
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

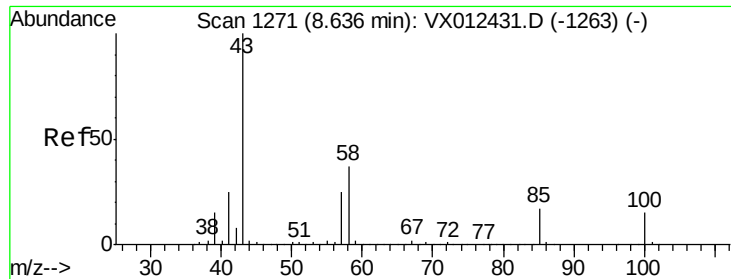
Tot Ion: 88 Resp: 23142
Ion Ratio Lower Upper
88 100
43 36.7 29.4 44.0
58 72.8 57.5 86.3



#50
Toluene-d8
Concen: 51.106 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 98 Resp: 350561
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 103.687 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

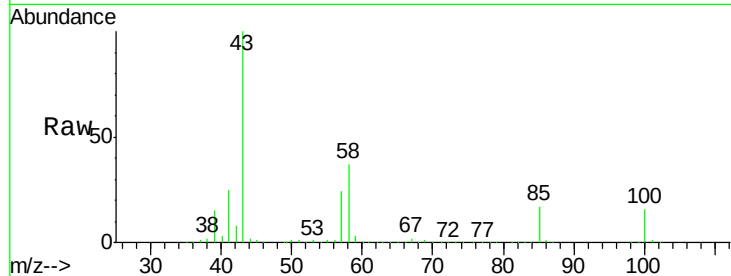
VX0920WBSD01

Tot Ion: 43 Resp: 348600

Ion Ratio Lower Upper

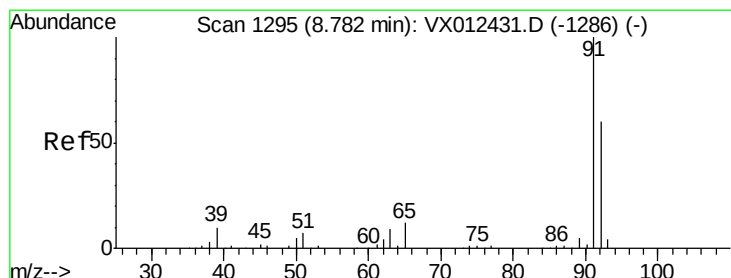
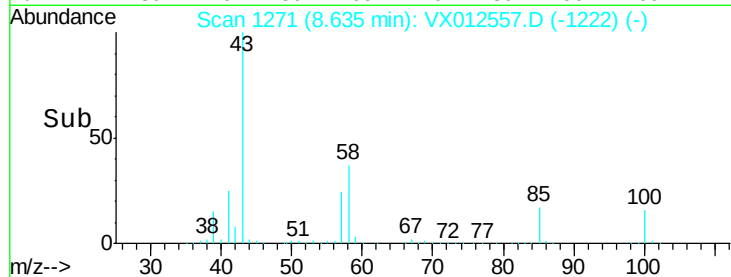
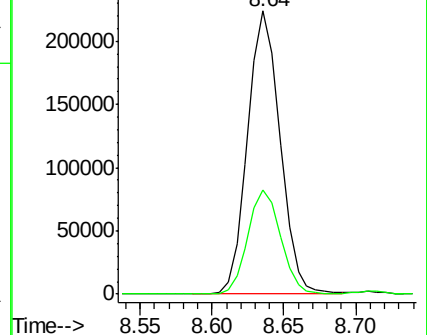
43 100

58 37.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.983 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012557.D

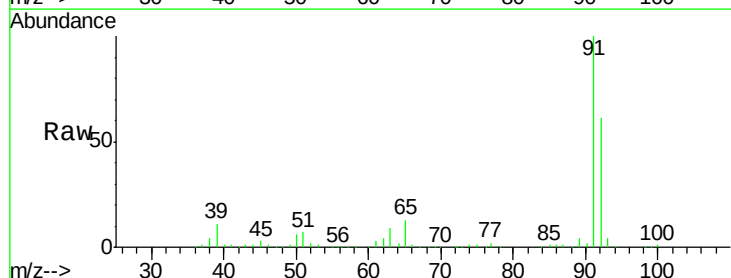
Acq: 20 Sep 2019 15:12

Tgt Ion: 92 Resp: 80007

Ion Ratio Lower Upper

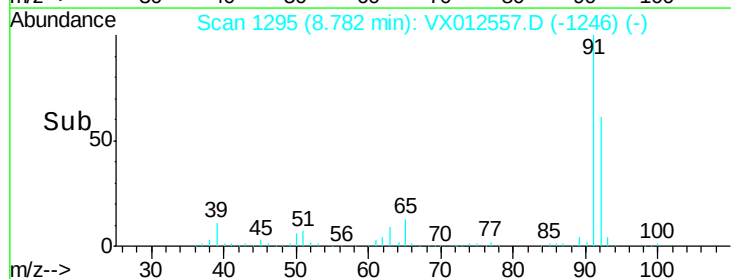
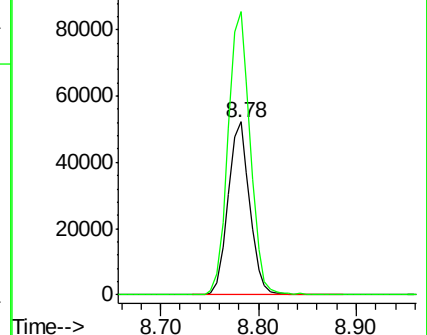
92 100

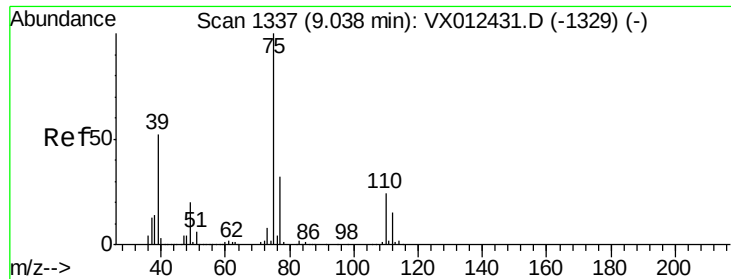
91 168.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

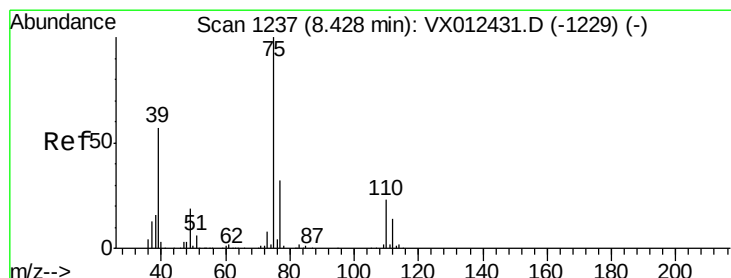
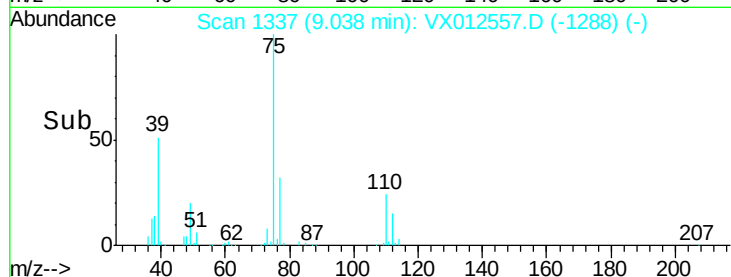
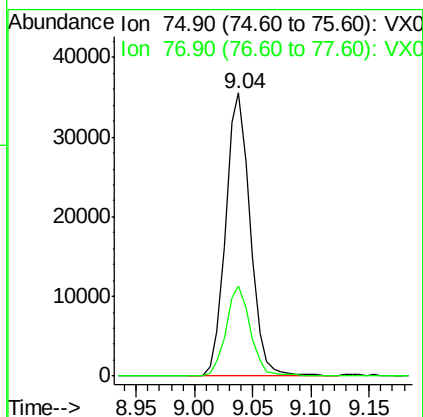
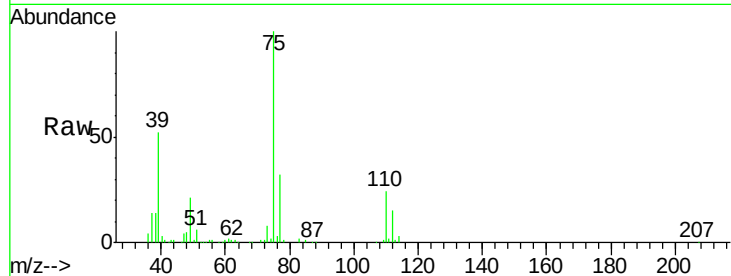




#53
t-1,3-Dichloropropene
Concen: 19.093 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

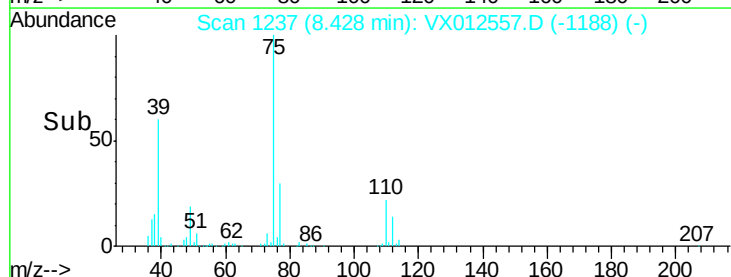
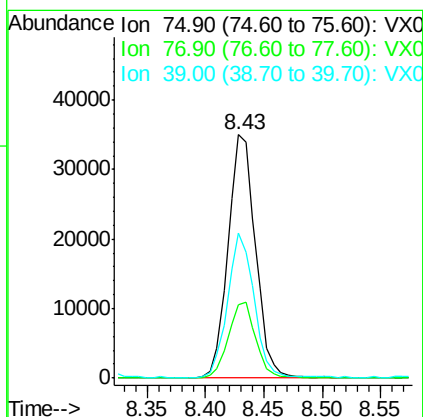
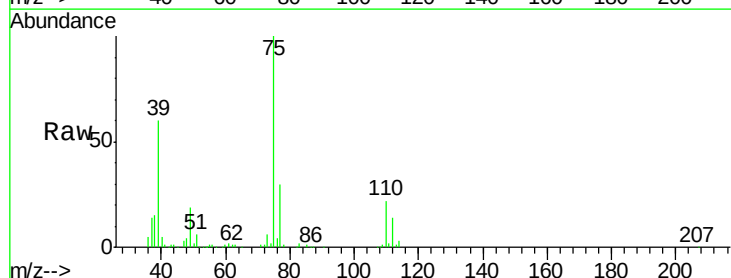
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

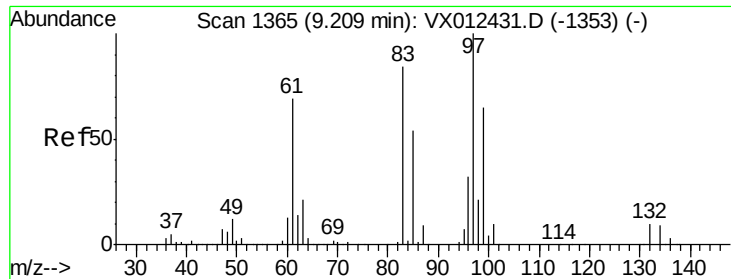
Tot Ion: 75 Resp: 51989
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.395 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 75 Resp: 57493
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.8
39 59.3 45.5 68.3

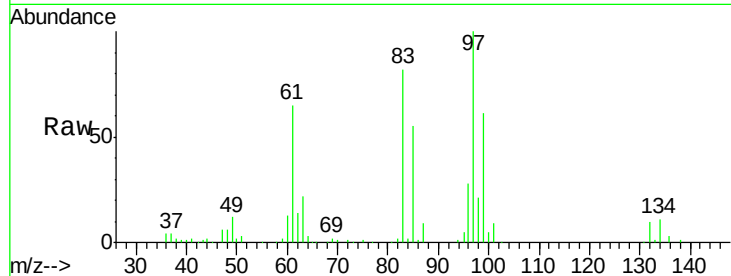




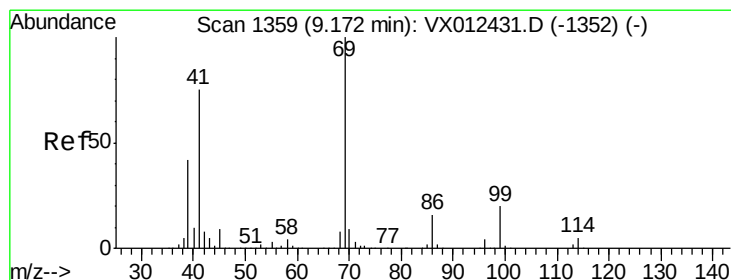
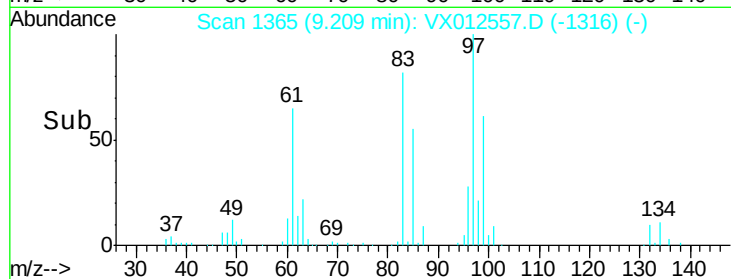
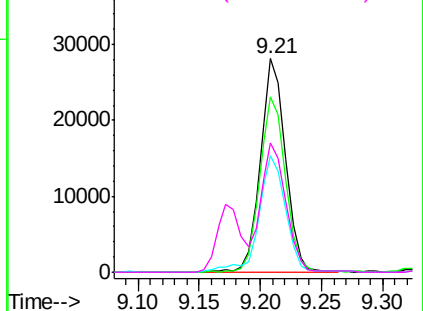
#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Tot Ion:	97	Resp:	40534
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.2
85	54.8	43.5	65.3
99	60.7	51.8	77.8

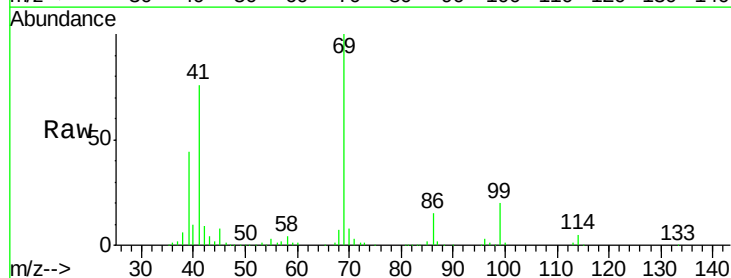


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

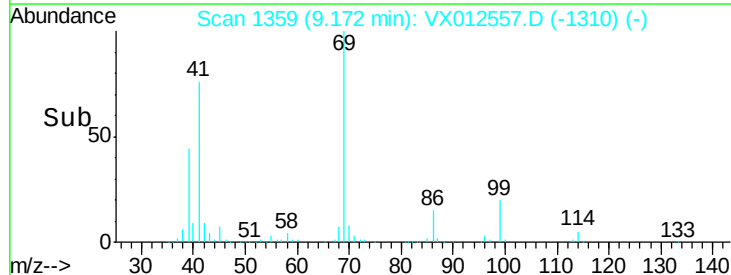
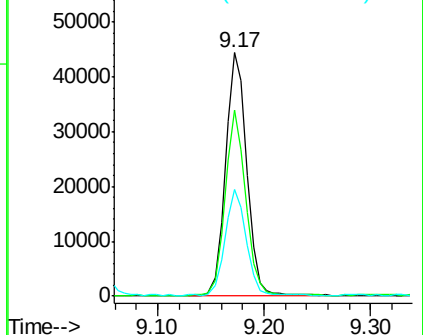


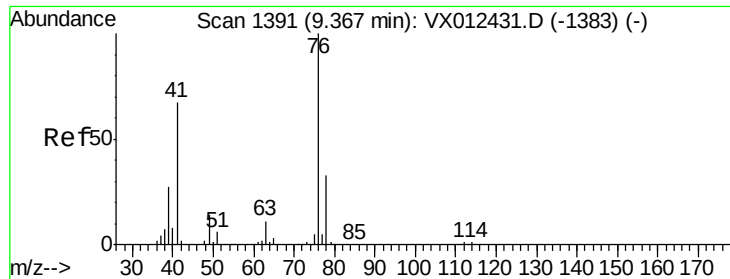
#56
 Ethyl methacrylate
 Concen: 20.269 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion:	69	Resp:	62255
Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.4	87.6
39	44.3	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: 21.351 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

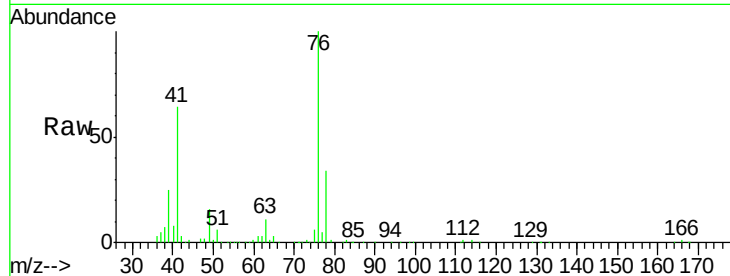
VX0920WBSD01

Tot Ion: 76 Resp: 66919

Ion Ratio Lower Upper

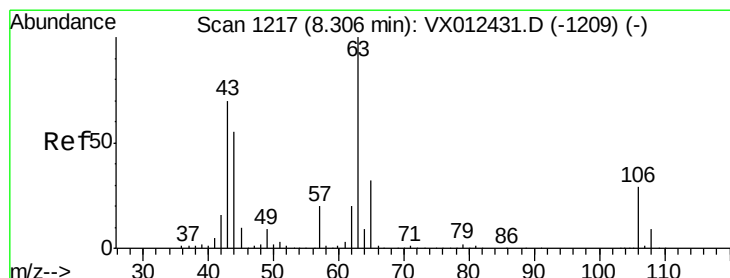
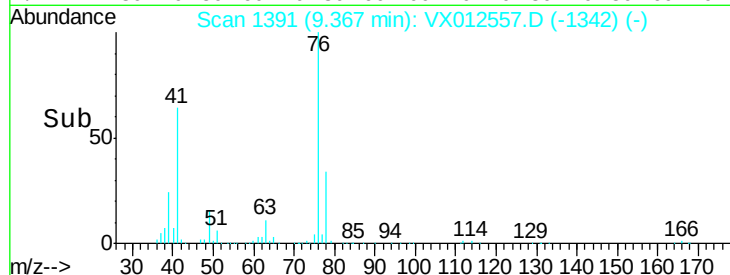
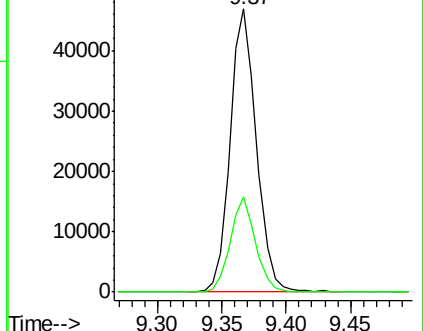
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.381 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012557.D

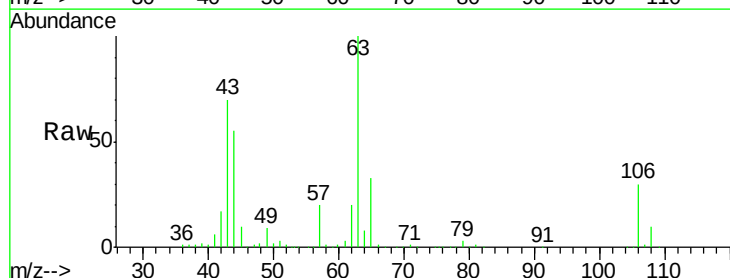
Acq: 20 Sep 2019 15:12

Tgt Ion: 63 Resp: 161182

Ion Ratio Lower Upper

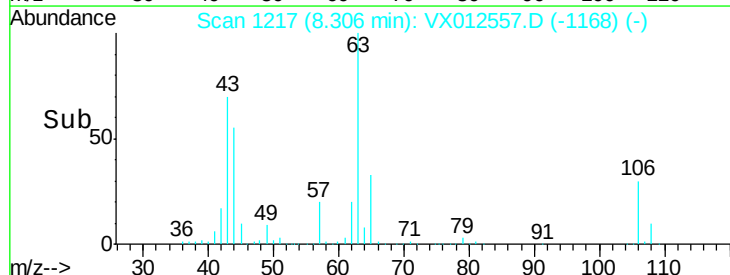
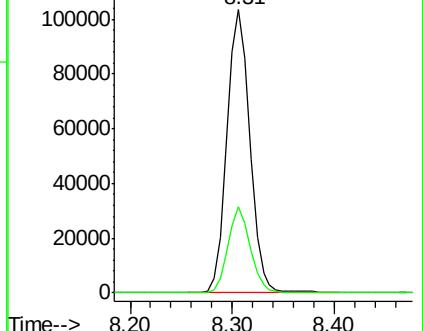
63 100

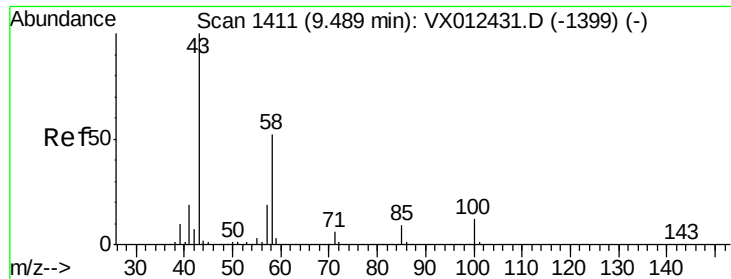
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

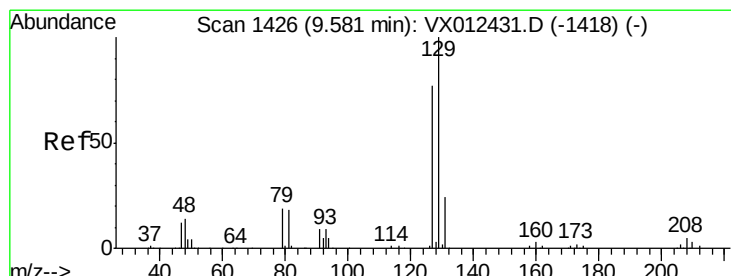
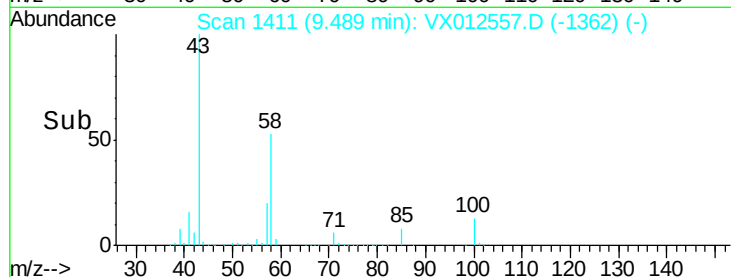
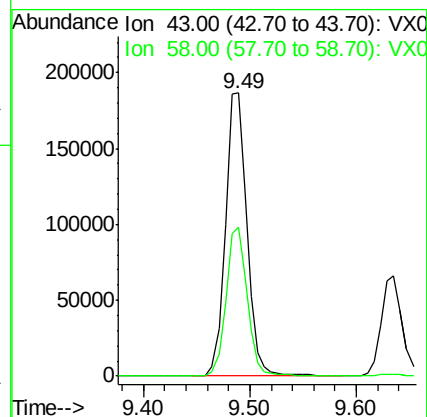
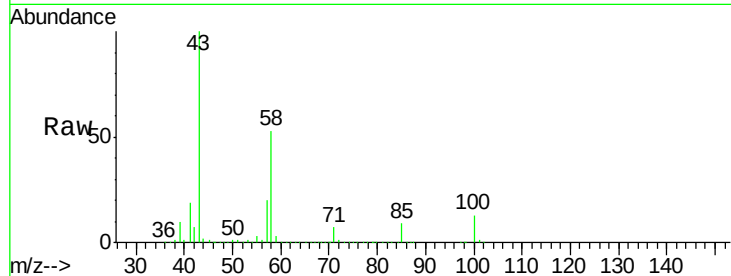




#59
2-Hexanone
Concen: 100.348 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

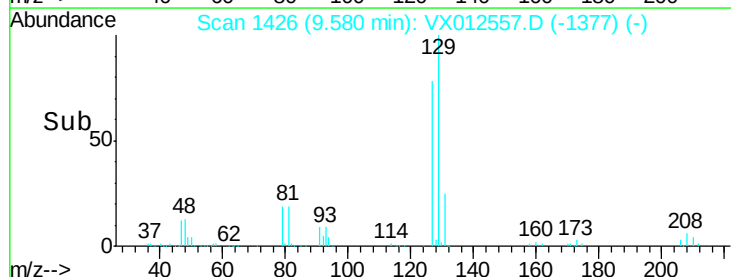
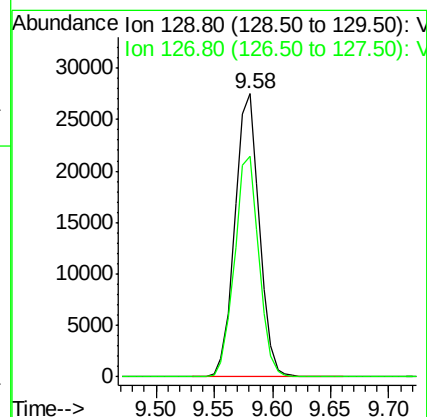
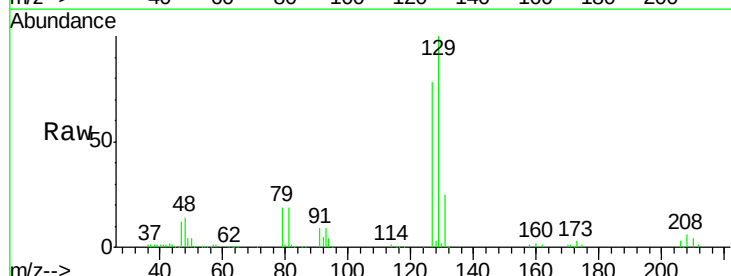
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

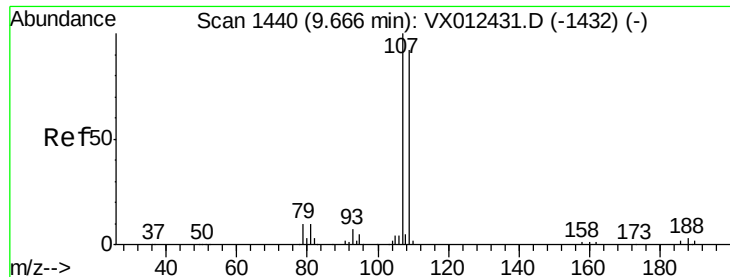
Tot Ion: 43 Resp: 263209
Ion Ratio Lower Upper
43 100
58 51.8 25.7 77.1



#60
Dibromochloromethane
Concen: 20.089 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:129 Resp: 40198
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.230 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

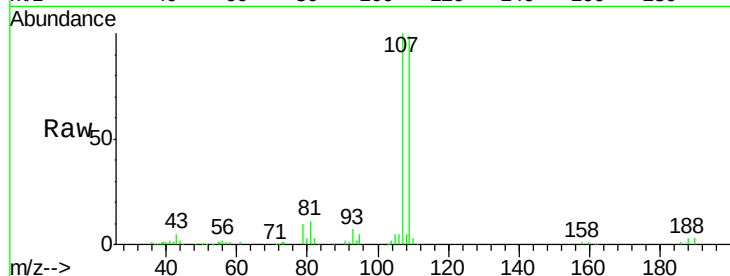
VX0920WBSD01

Tot Ion:107 Resp: 38090

Ion Ratio Lower Upper

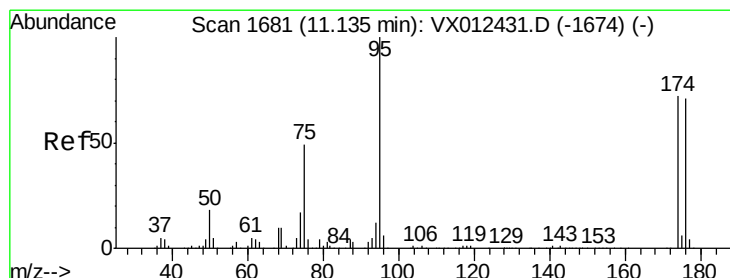
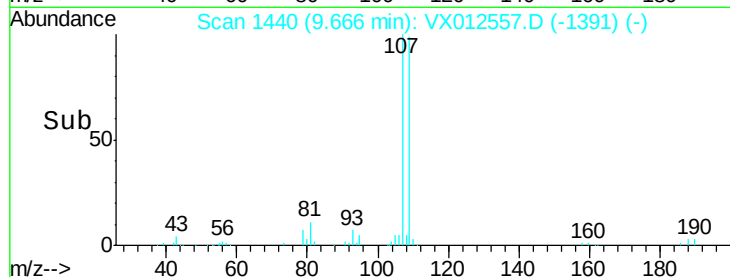
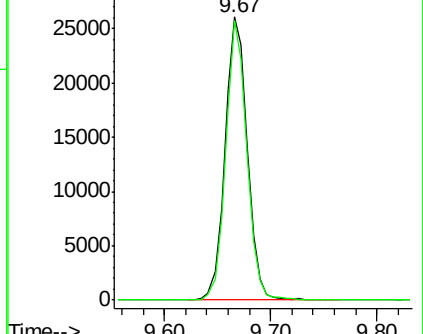
107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.879 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

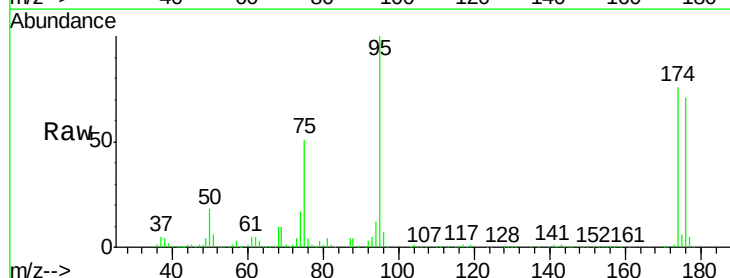
Tgt Ion: 95 Resp: 139213

Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.0

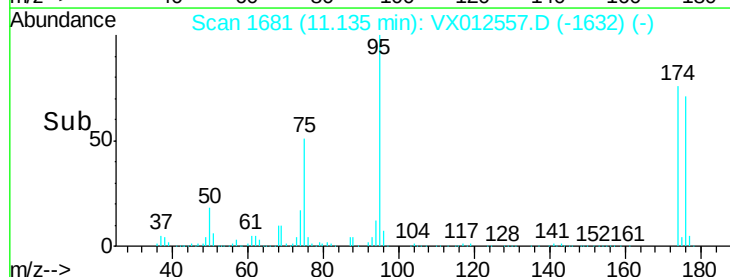
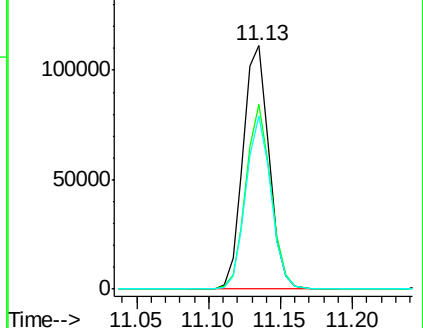
176 68.5 0.0 135.4

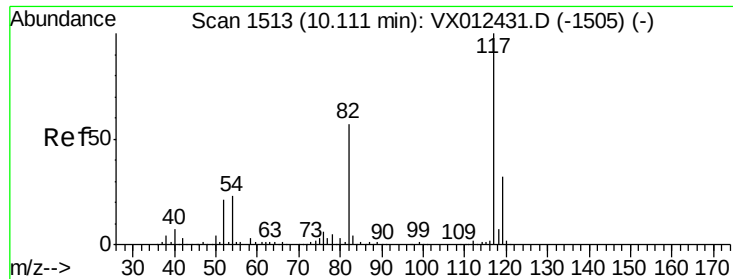


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

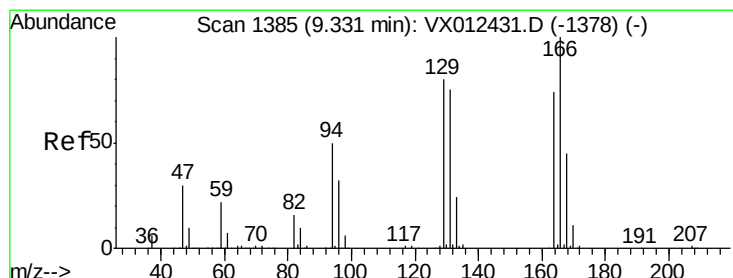
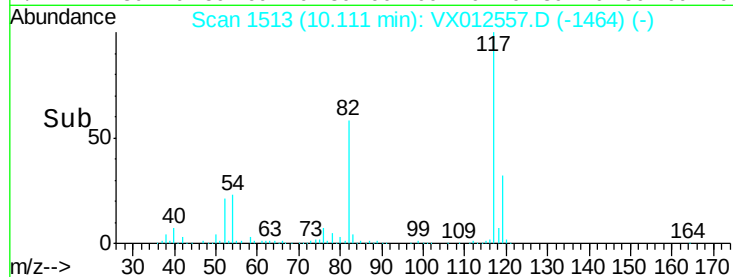
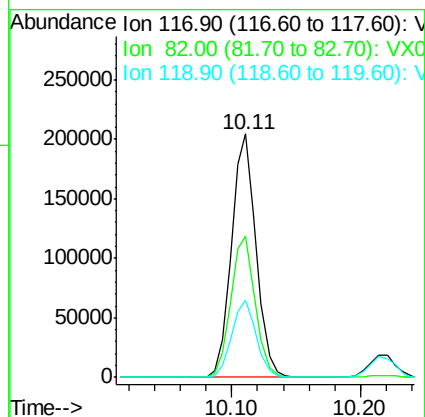
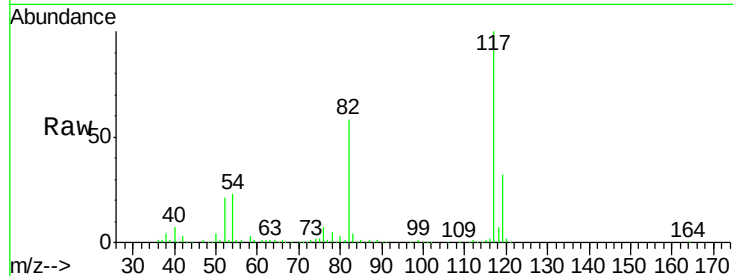




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

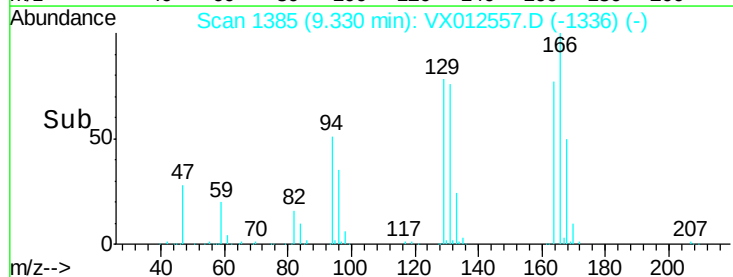
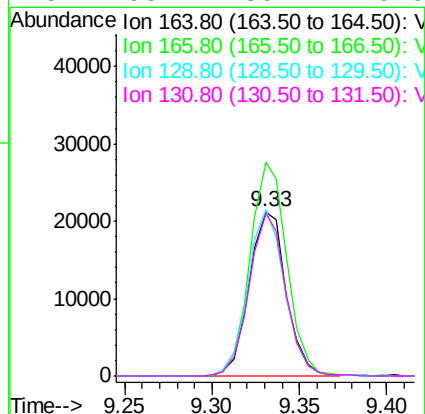
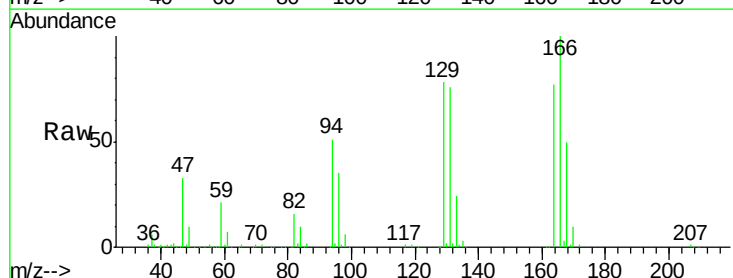
Instrument :
MSVOA_X
ClientSampled :
VX0920WBSD01

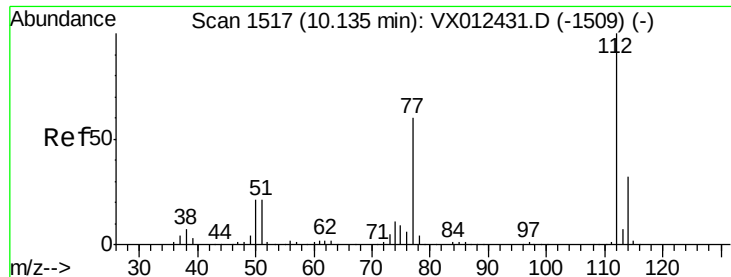
Tot Ion:117 Resp: 272353
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 25.183 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:164 Resp: 31429
Ion Ratio Lower Upper
164 100
166 129.8 107.8 161.6
129 101.0 86.2 129.2
131 98.7 80.4 120.6

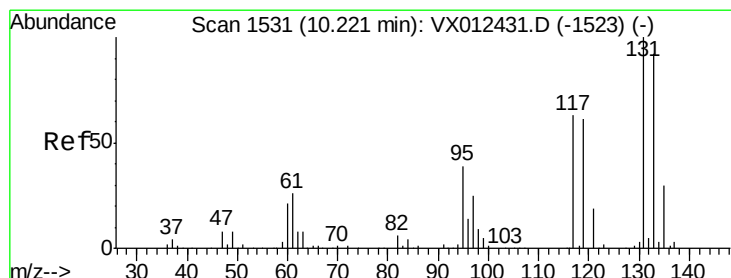
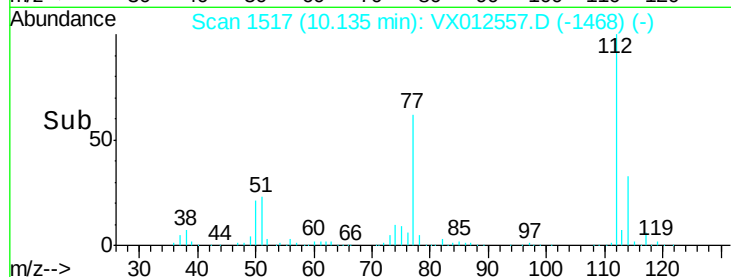
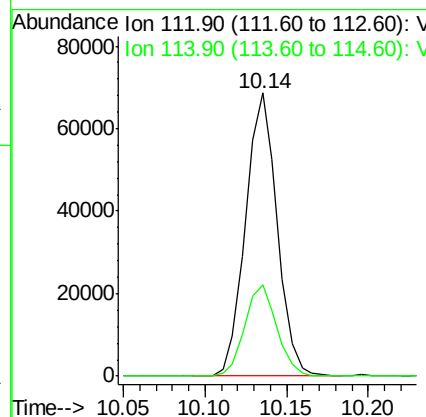
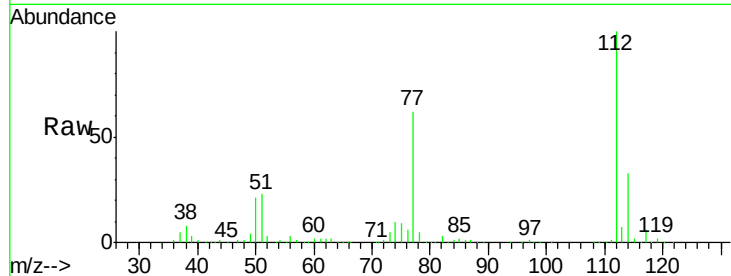




#65
Chlorobenzene
Concen: 20.640 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

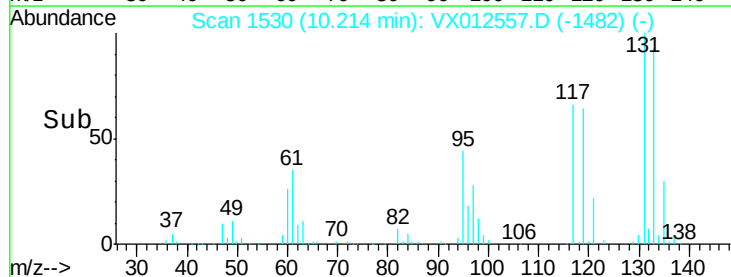
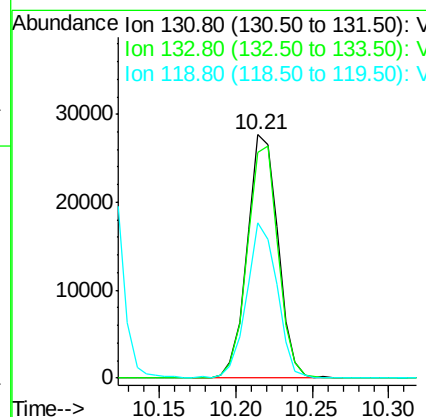
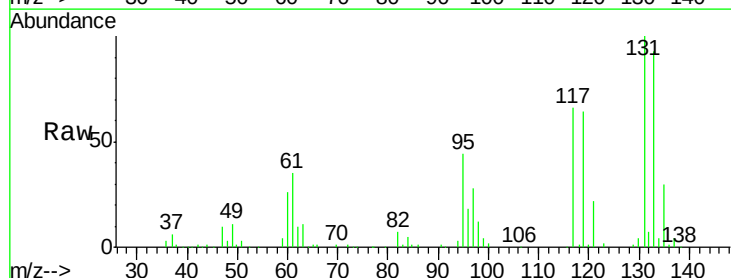
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

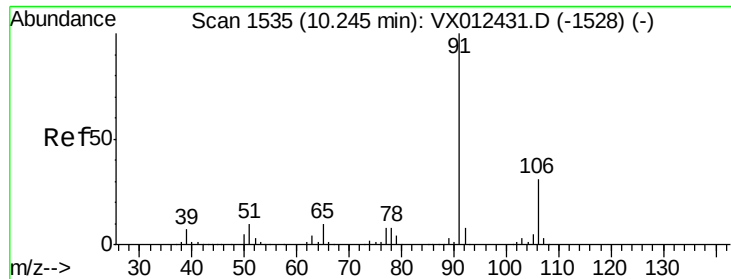
Tot Ion:112 Resp: 92778
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.743 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:131 Resp: 38698
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 63.2 31.3 93.8

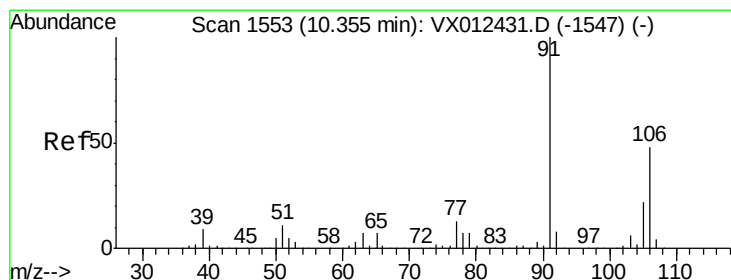
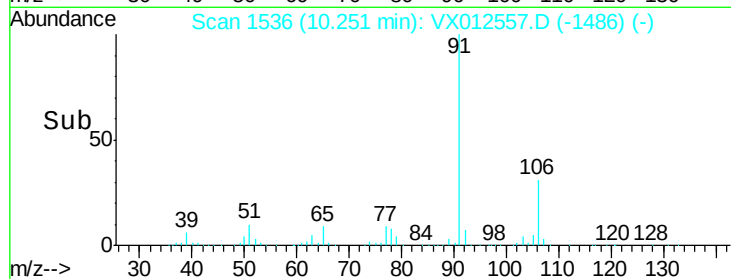
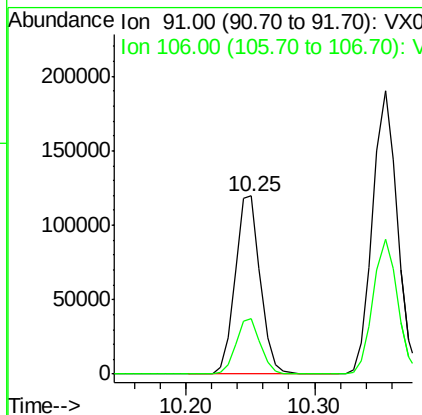
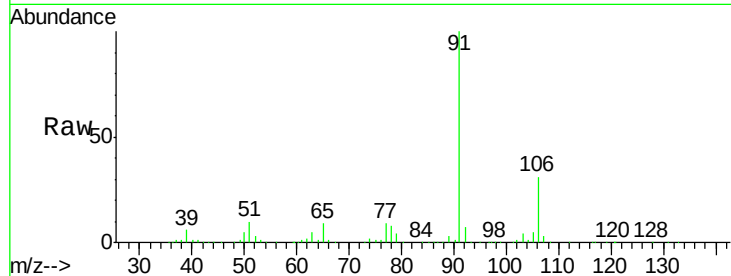




#67
Ethyl Benzene
Concen: 21.052 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

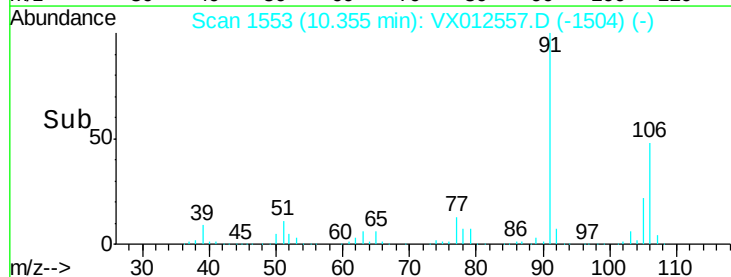
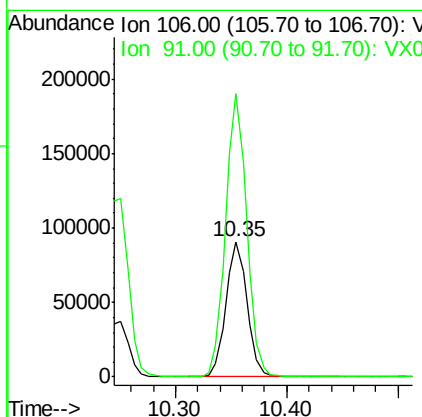
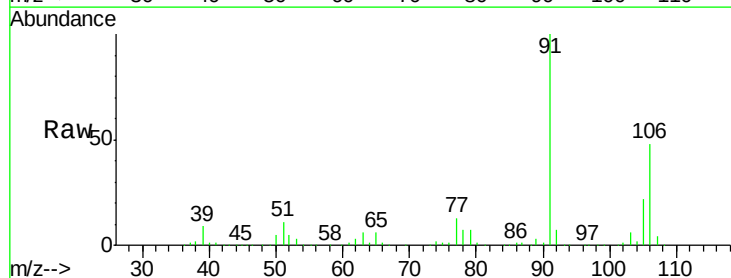
Instrument :
MSVOA_X
ClientSampled :
VX0920WBSD01

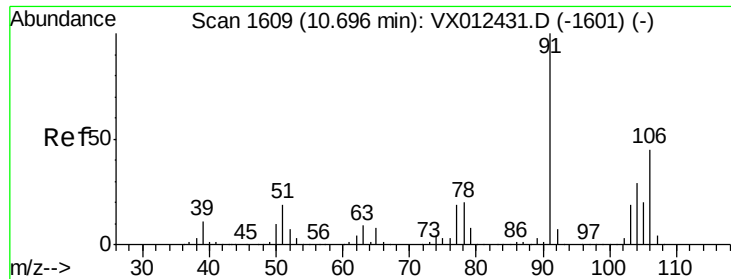
Tot Ion: 91 Resp: 162583
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 42.419 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion: 106 Resp: 119197
Ion Ratio Lower Upper
106 100
91 209.1 166.6 250.0

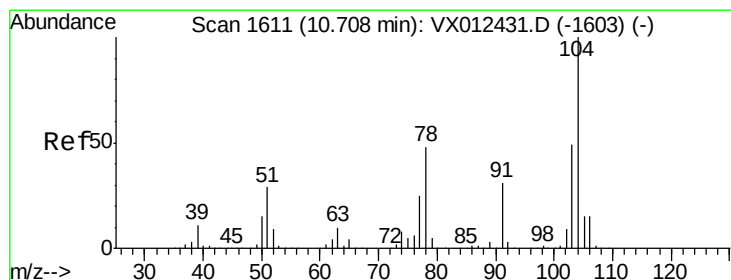
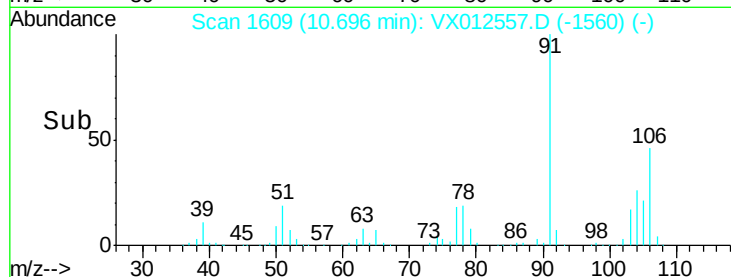
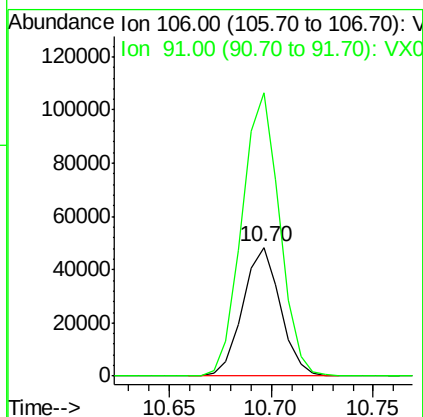
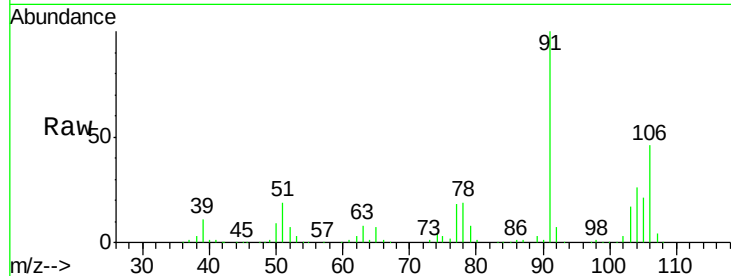




#69
o-Xylene
Concen: 21.424 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

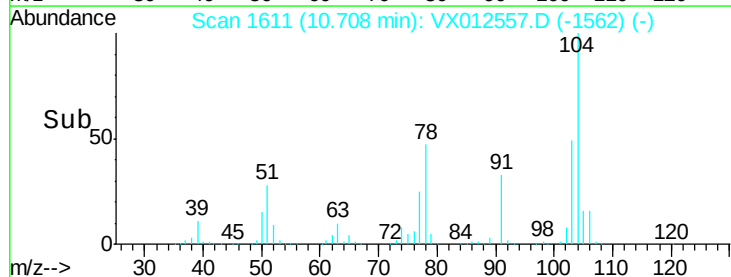
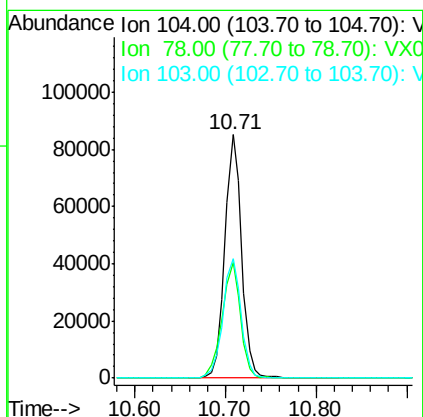
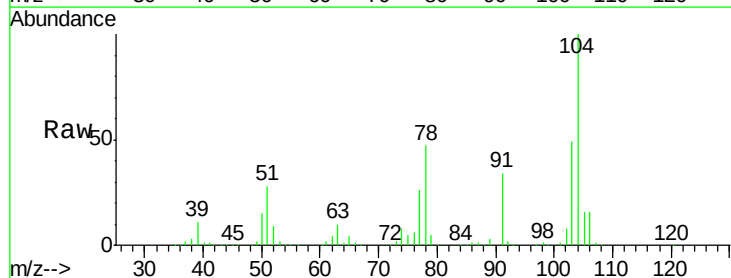
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

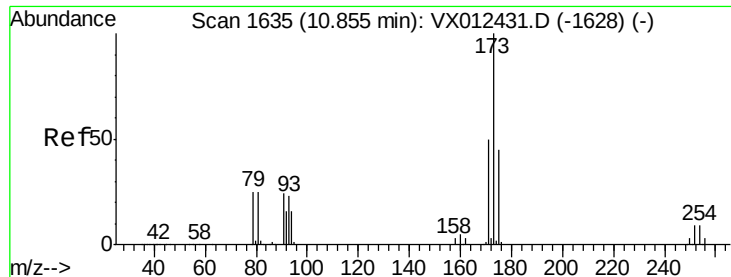
Tot Ion:106 Resp: 61911
Ion Ratio Lower Upper
106 100
91 221.5 109.4 328.2



#70
Styrene
Concen: 21.444 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012557.D
Acq: 20 Sep 2019 15:12

Tgt Ion:104 Resp: 109644
Ion Ratio Lower Upper
104 100
78 52.3 43.4 65.2
103 53.4 43.3 64.9





#71

Bromoform

Concen: 18.009 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

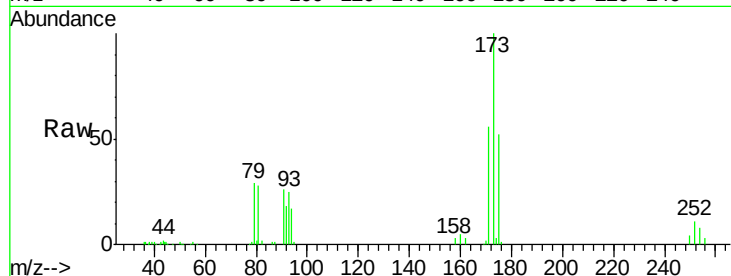
Tot Ion:173 Resp: 25799

Ion Ratio Lower Upper

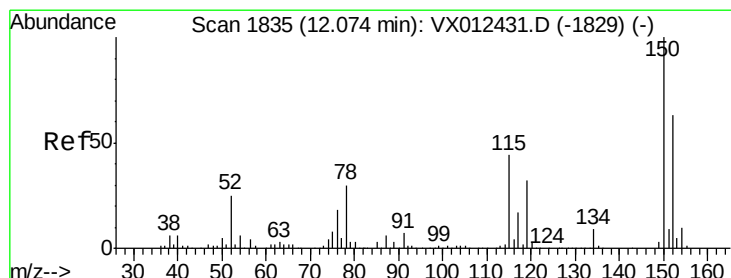
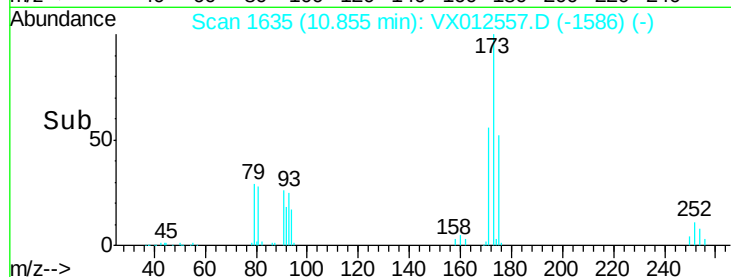
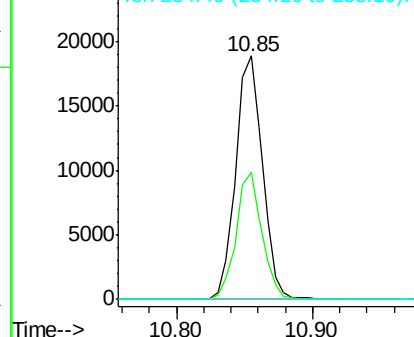
173 100

175 50.1 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: VX012557.D

Acq: 20 Sep 2019 15:12

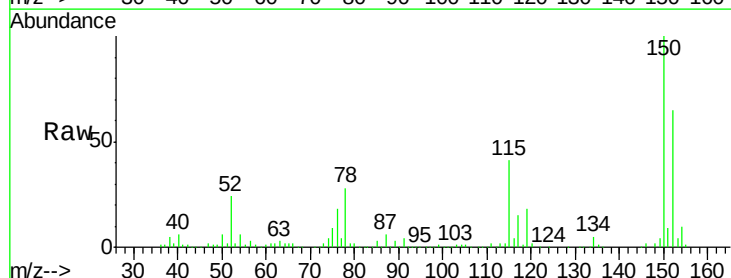
Tgt Ion:152 Resp: 126728

Ion Ratio Lower Upper

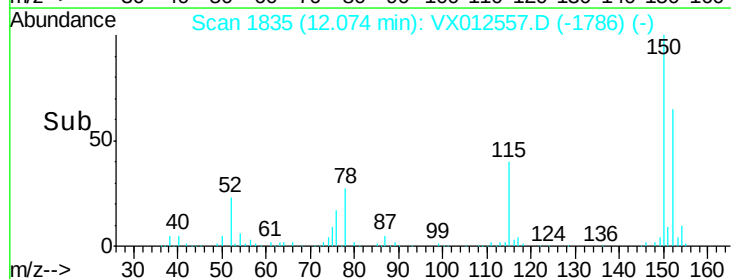
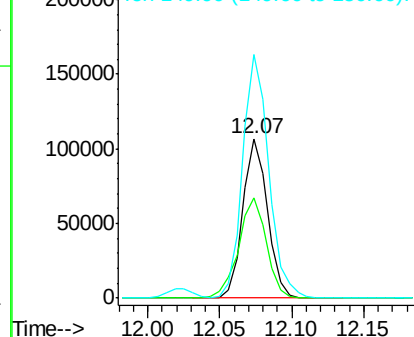
152 100

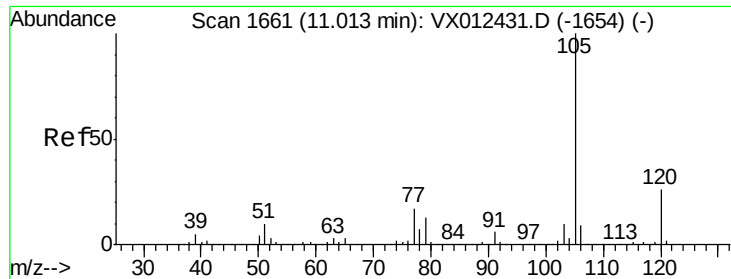
115 71.0 44.1 132.3

150 162.5 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.571 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

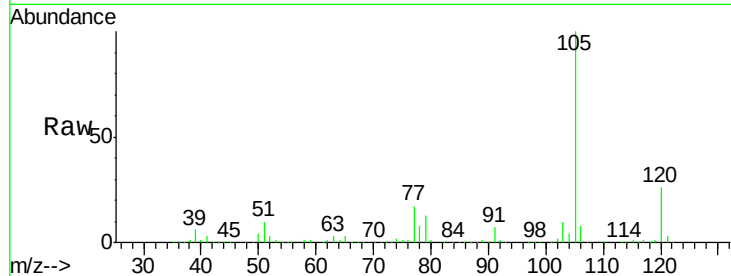
VX0920WBSD01

Tot Ion:105 Resp: 171519

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

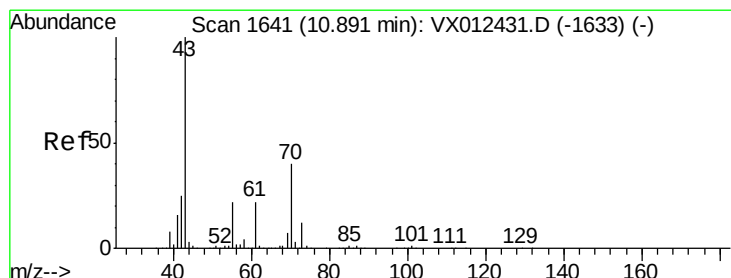
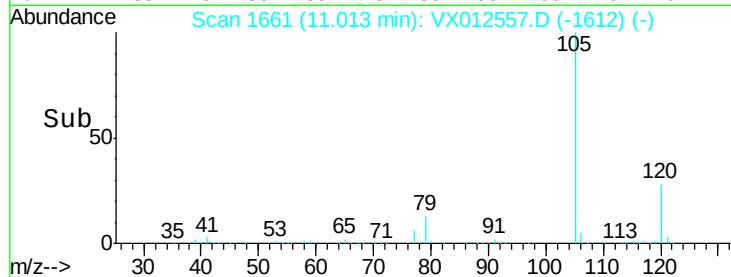
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.970 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Tgt Ion: 43 Resp: 89769

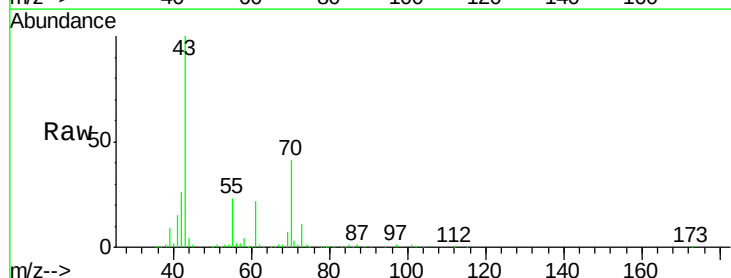
Ion Ratio Lower Upper

43 100

70 41.8 32.4 48.6

55 23.8 18.2 27.4

61 22.4 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

120000

100000

80000

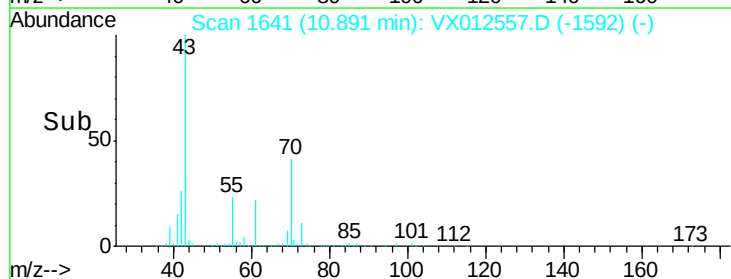
60000

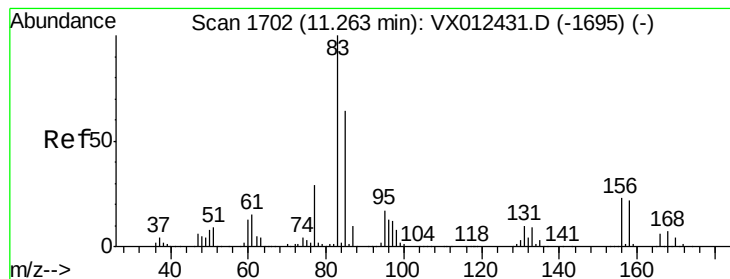
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.930 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0920WBSD01

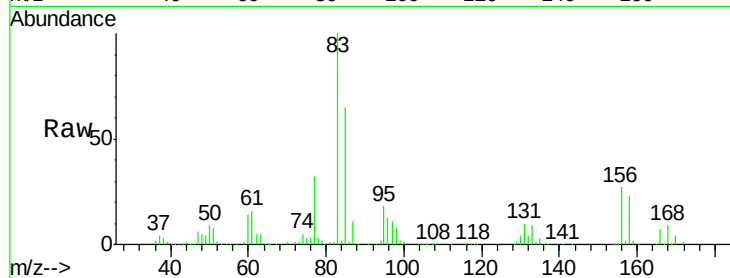
Tot Ion: 83 Resp: 65284

Ion Ratio Lower Upper

83 100

131 11.2 5.2 15.6

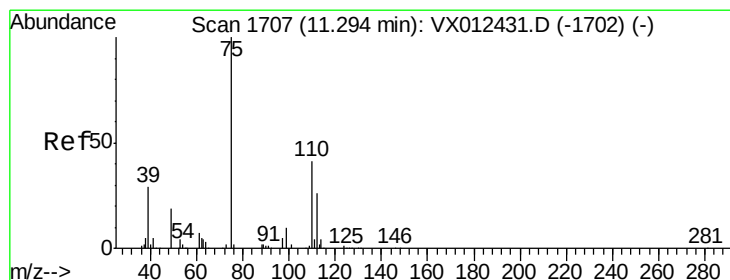
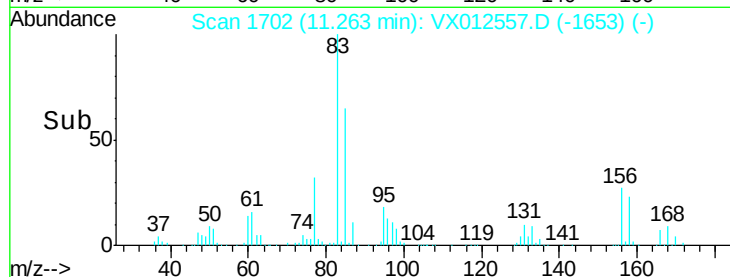
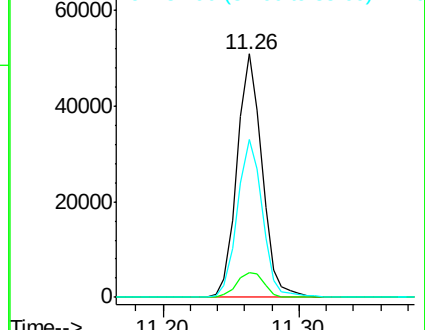
85 65.5 32.0 96.0



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: 25.316 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012557.D

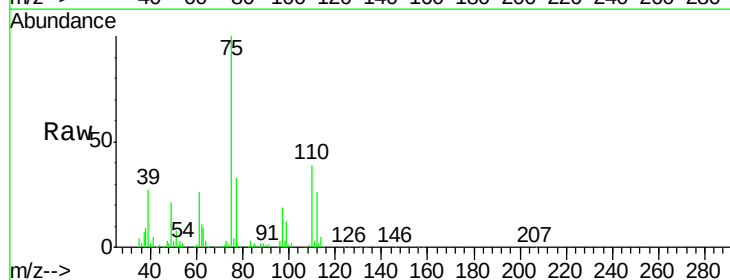
Acq: 20 Sep 2019 15:12

Tgt Ion: 75 Resp: 73695

Ion Ratio Lower Upper

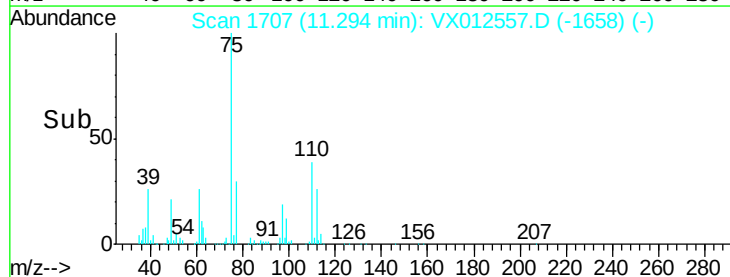
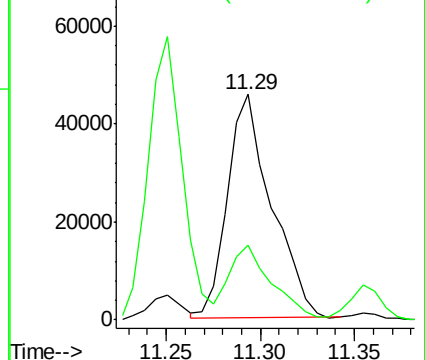
75 100

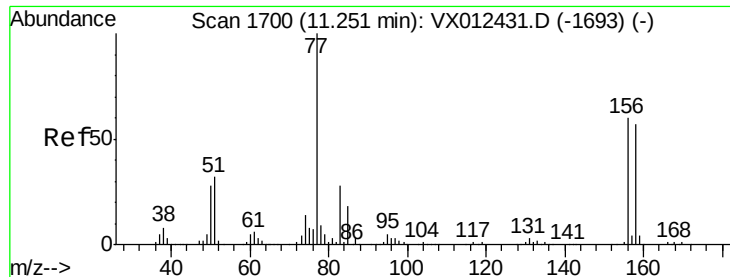
77 32.5 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.463 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

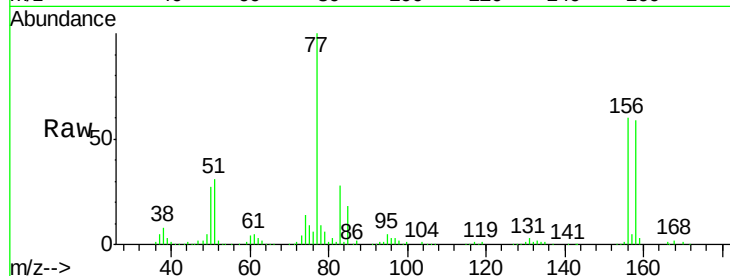
Tot Ion:156 Resp: 43560

Ion Ratio Lower Upper

156 100

77 169.0 87.3 261.8

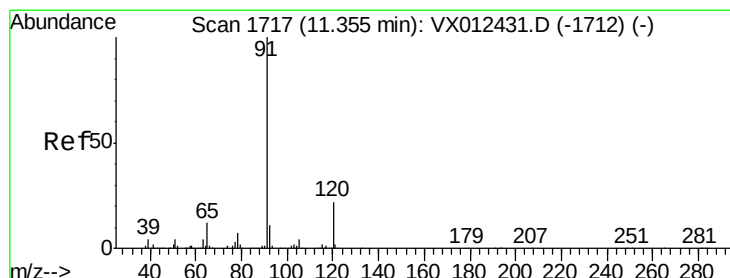
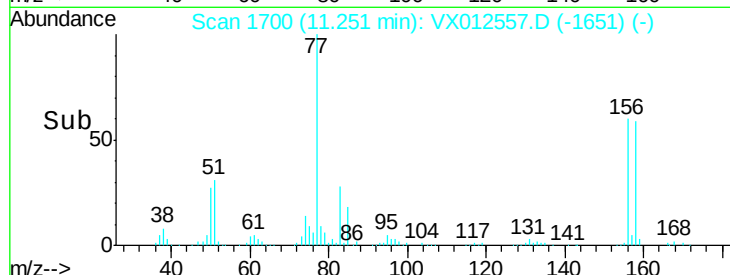
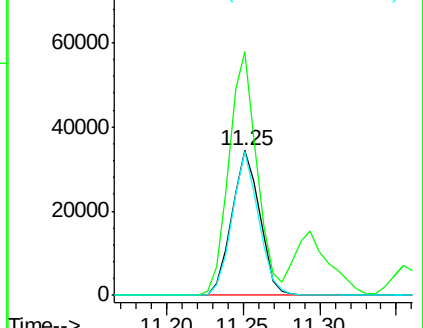
158 94.6 48.5 145.6



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: 20.756 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012557.D

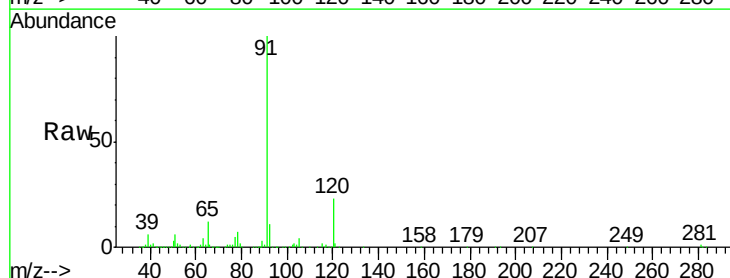
Acq: 20 Sep 2019 15:12

Tgt Ion: 91 Resp: 183948

Ion Ratio Lower Upper

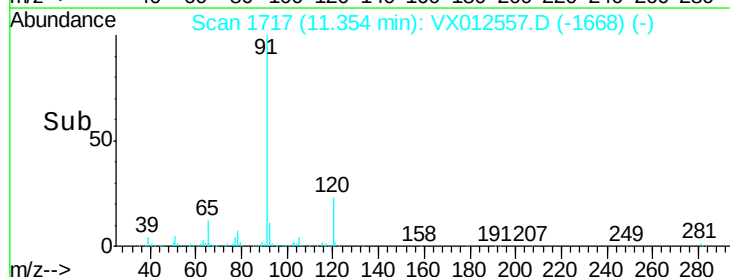
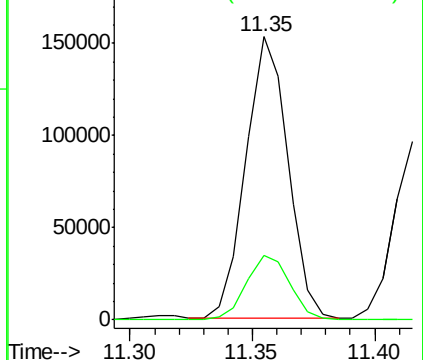
91 100

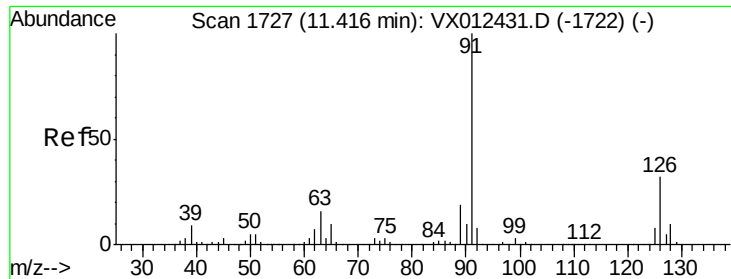
120 23.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

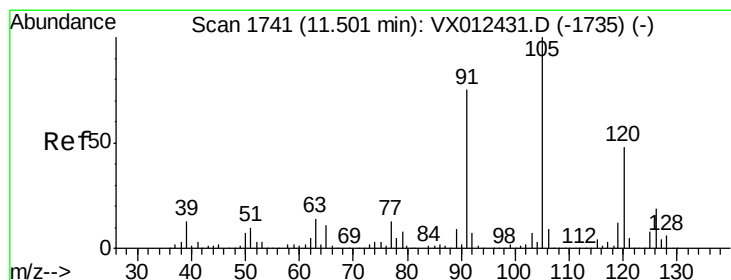
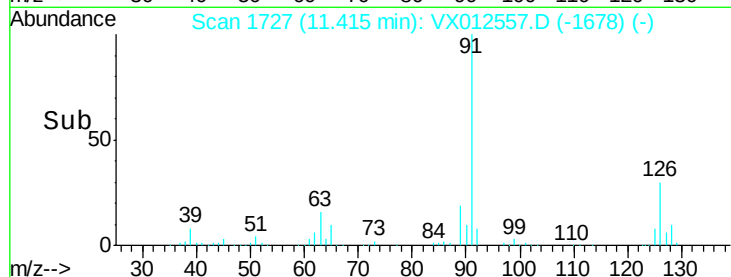
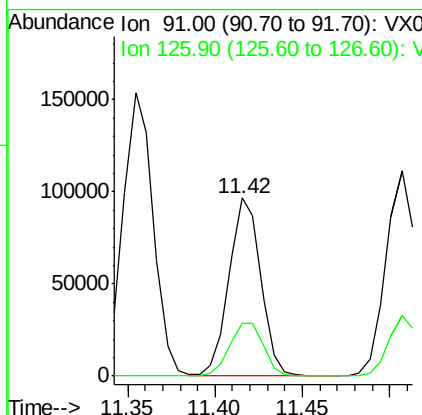
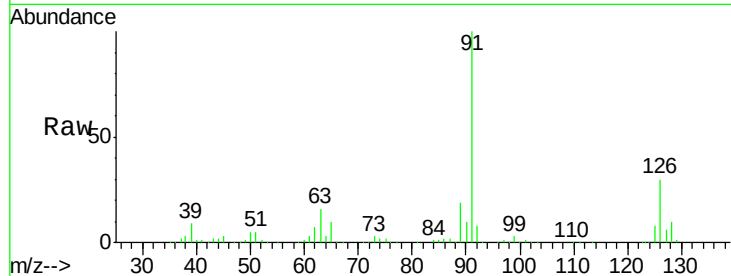




#79
 2-Chlorotoluene
 Concen: 21.043 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

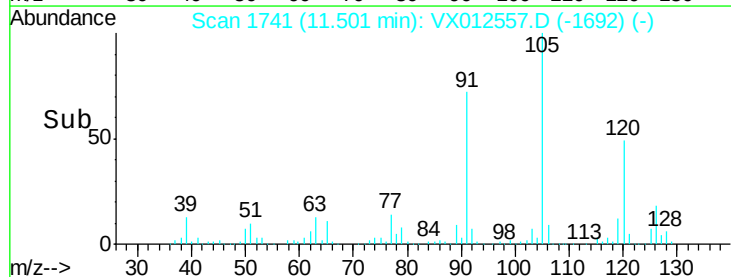
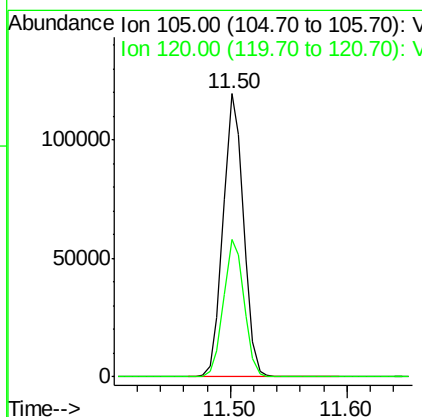
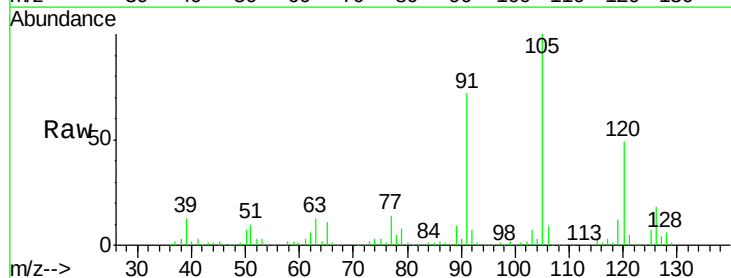
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

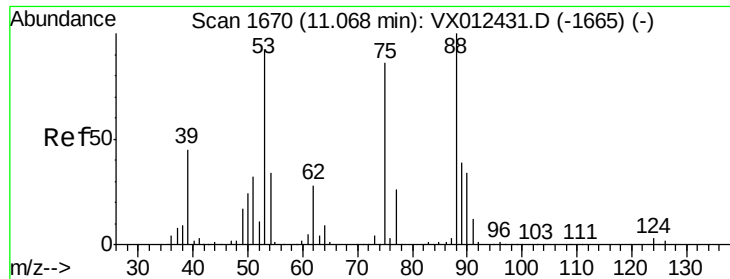
Tot Ion: 91 Resp: 121318
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.266 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion:105 Resp: 144210
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.530 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0920WBSD01

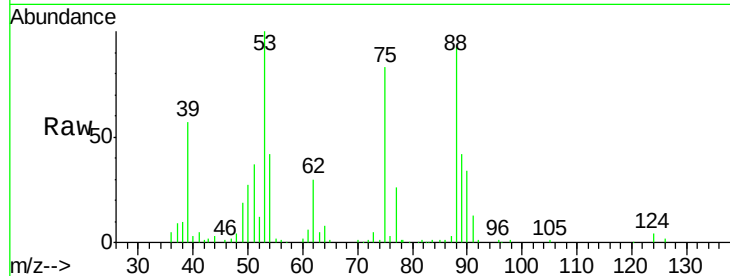
Tot Ion: 75 Resp: 17446

Ion Ratio Lower Upper

75 100

53 119.2 83.6 125.4

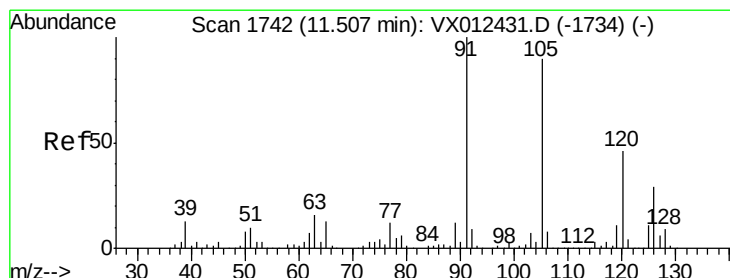
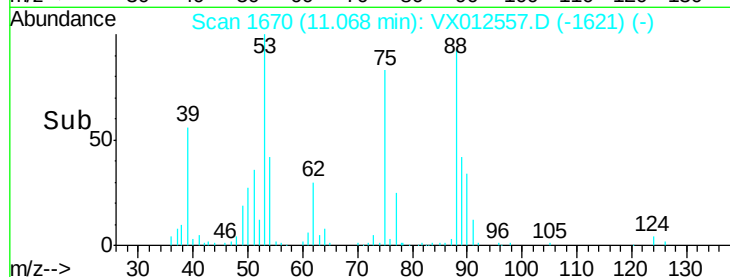
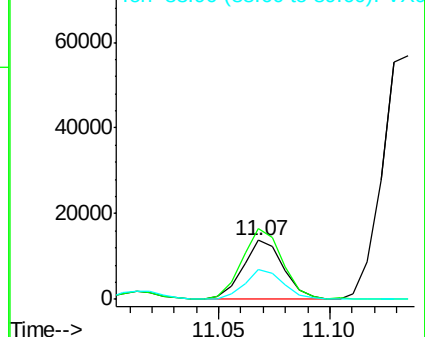
89 47.8 36.3 54.5



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: 20.846 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012557.D

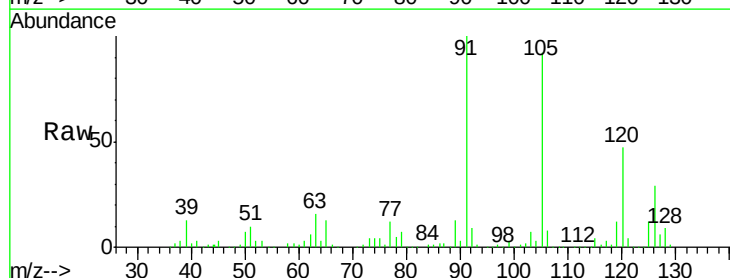
Acq: 20 Sep 2019 15:12

Tgt Ion: 91 Resp: 137938

Ion Ratio Lower Upper

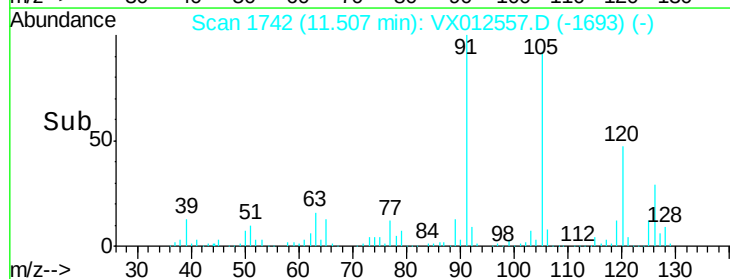
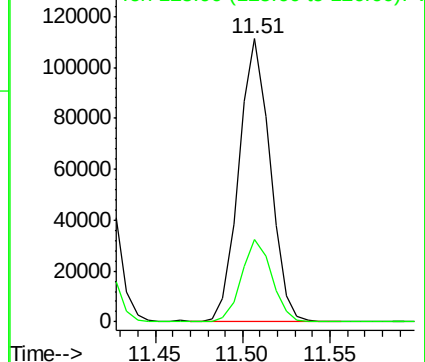
91 100

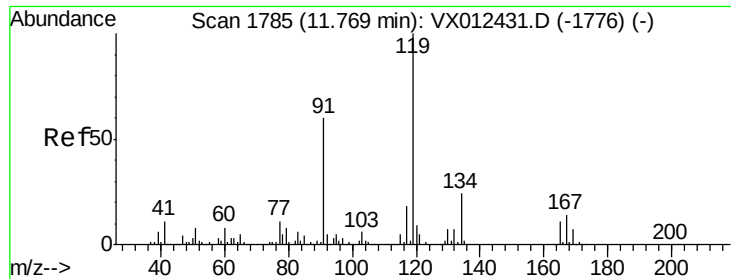
126 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

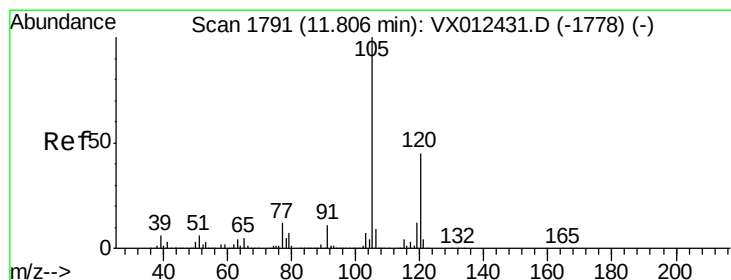
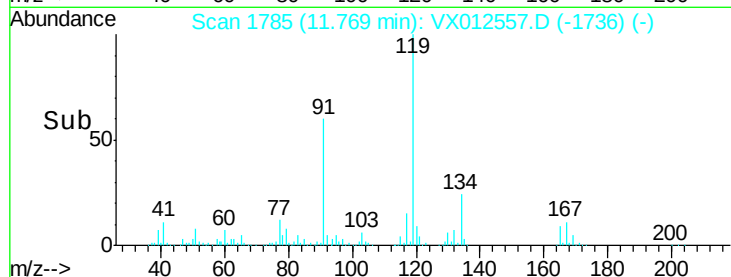
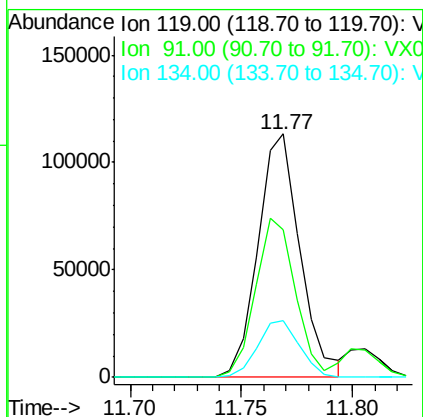
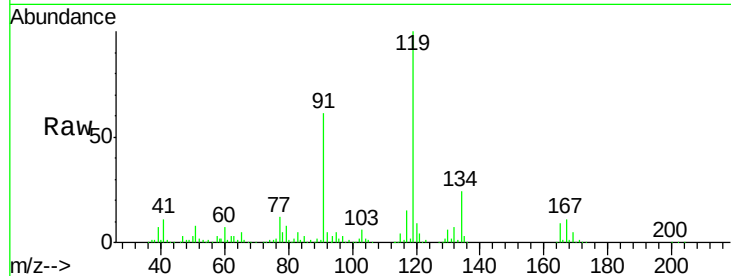




#83
 tert-Butylbenzene
 Concen: 20.497 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

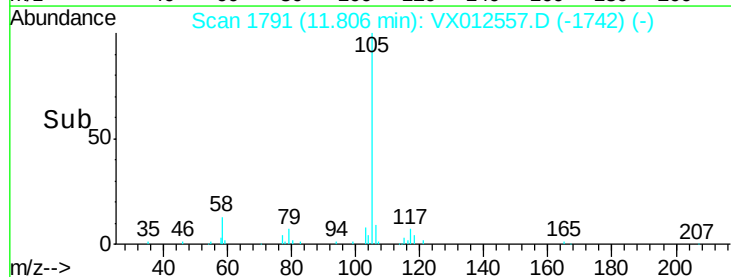
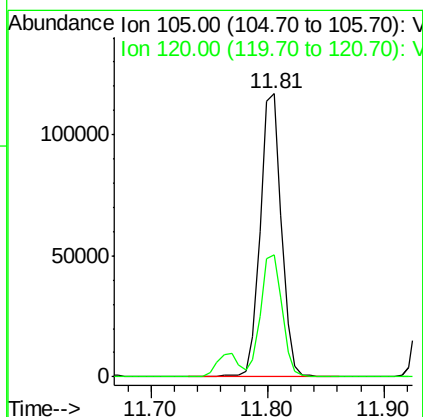
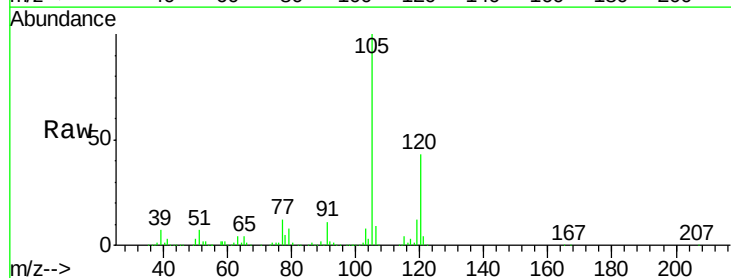
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

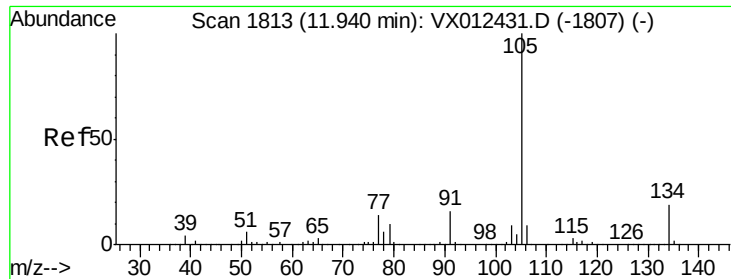
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.0	90.0
134	23.3	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.470 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 21.006 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

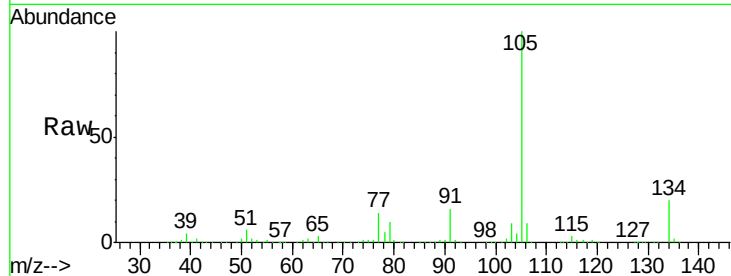
VX0920WBSD01

Tot Ion:105 Resp: 168196

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

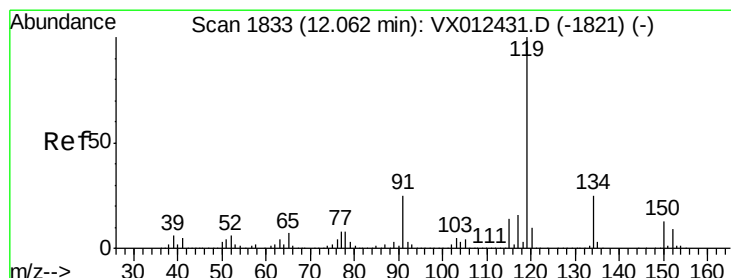
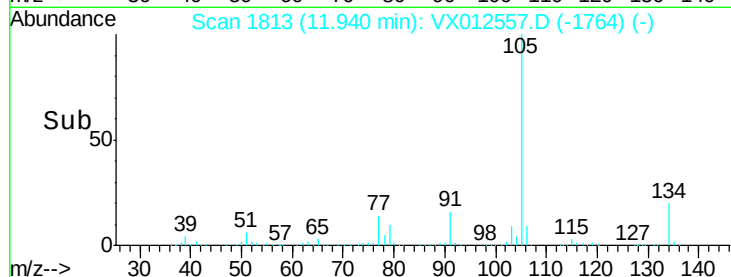
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.183 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

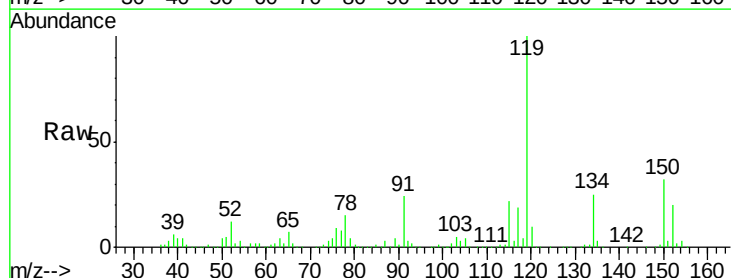
Tgt Ion:119 Resp: 155747

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 25.3 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

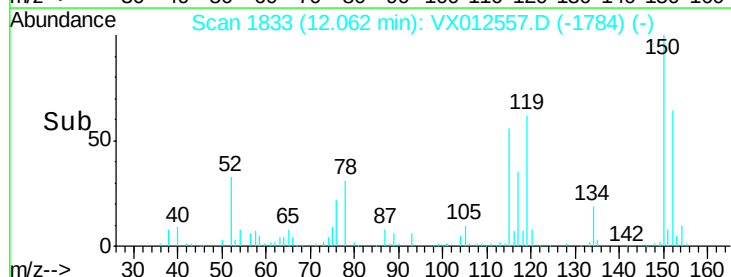
150000

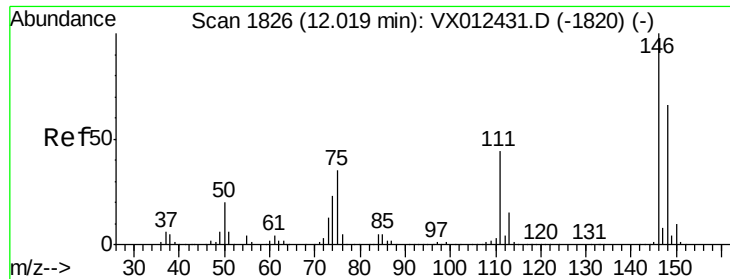
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.225 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

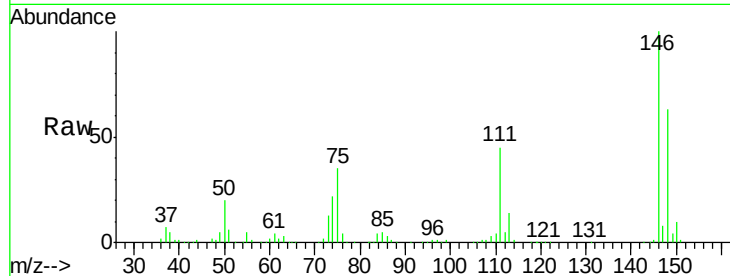
Tot Ion:146 Resp: 77424

Ion Ratio Lower Upper

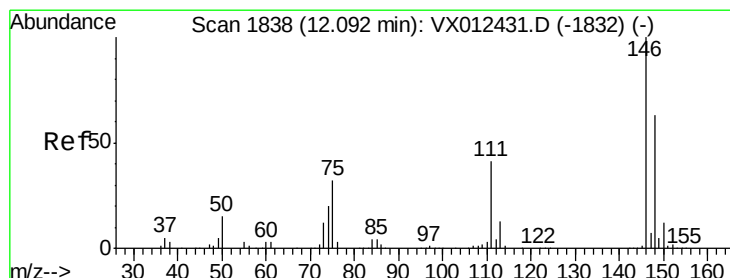
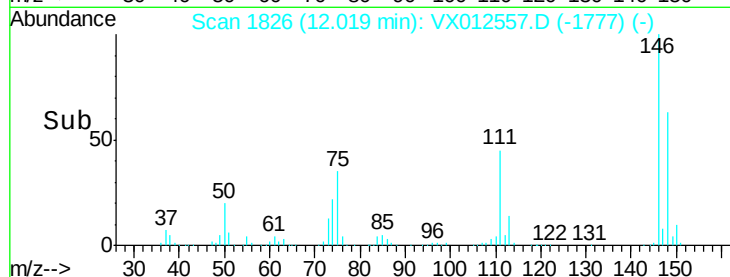
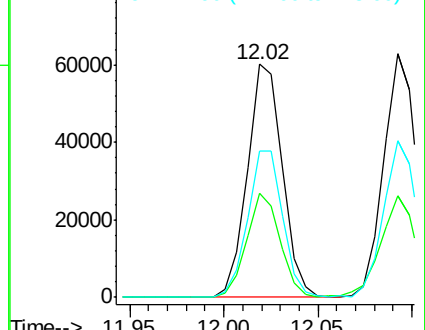
146 100

111 42.8 21.3 64.0

148 63.0 32.4 97.2



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



#88

1,4-Dichlorobenzene

Concen: 20.495 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

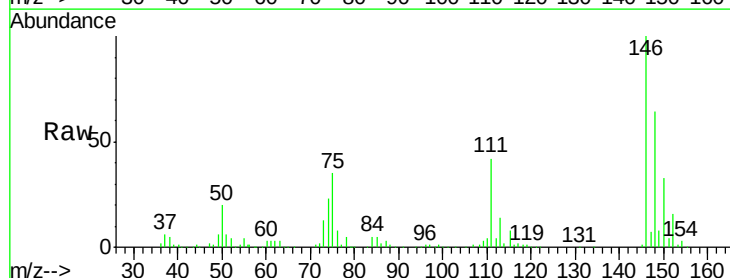
Tgt Ion:146 Resp: 76795

Ion Ratio Lower Upper

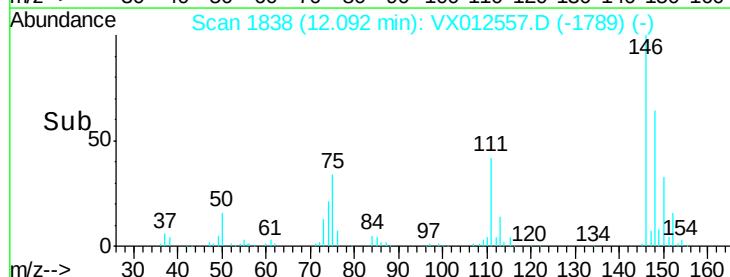
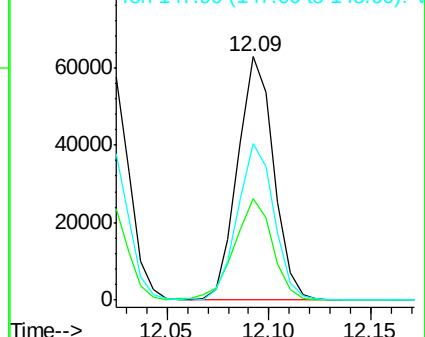
146 100

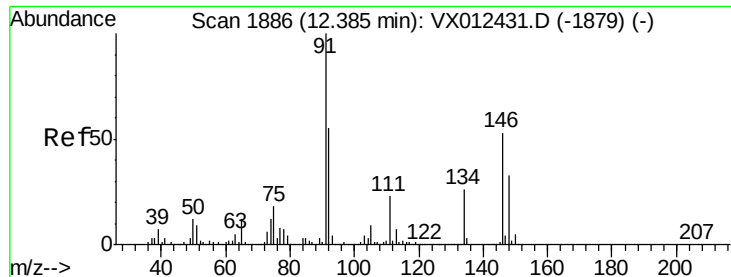
111 44.3 21.1 63.3

148 65.4 32.1 96.5



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





#89

n-Butylbenzene

Concen: 19.414 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

VX0920WBSD01

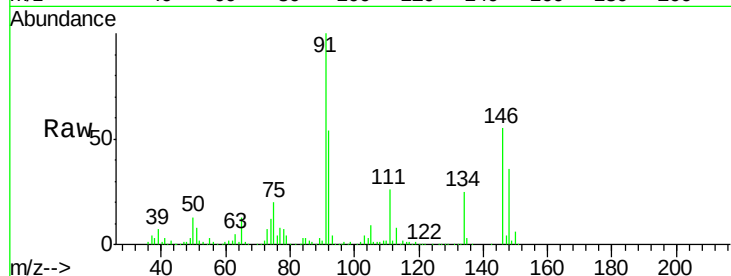
Tot Ion: 91 Resp: 127359

Ion Ratio Lower Upper

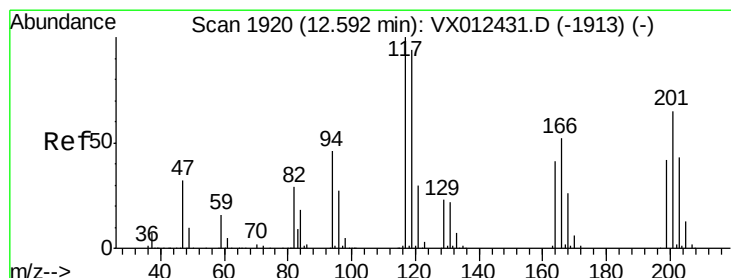
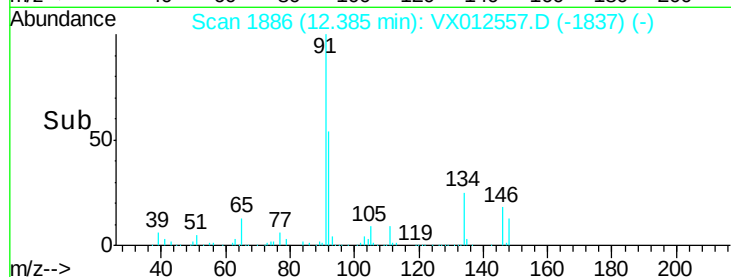
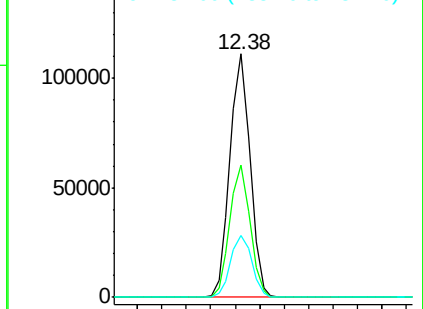
91 100

92 54.7 27.7 83.0

134 26.5 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.700 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012557.D

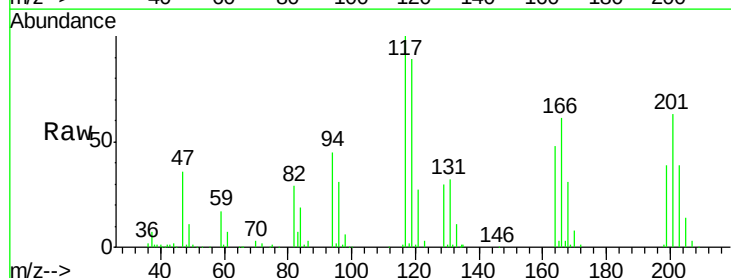
Acq: 20 Sep 2019 15:12

Tgt Ion: 117 Resp: 26558

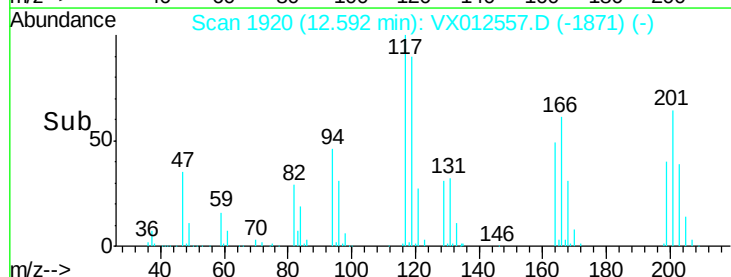
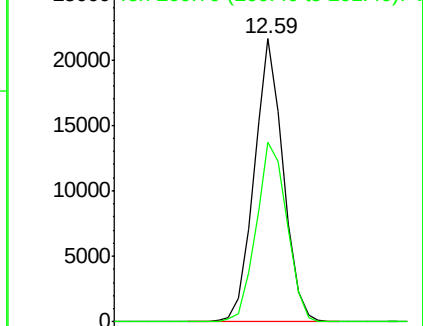
Ion Ratio Lower Upper

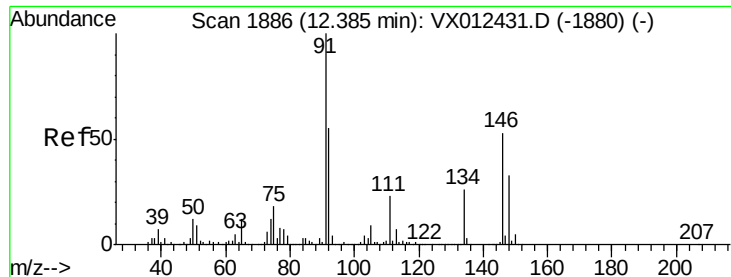
117 100

201 67.3 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

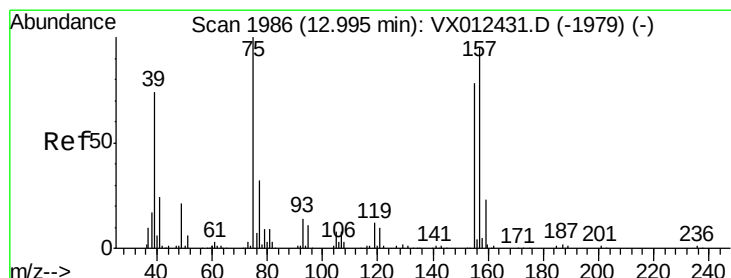
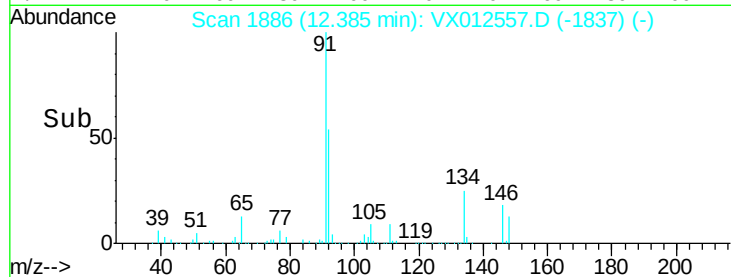
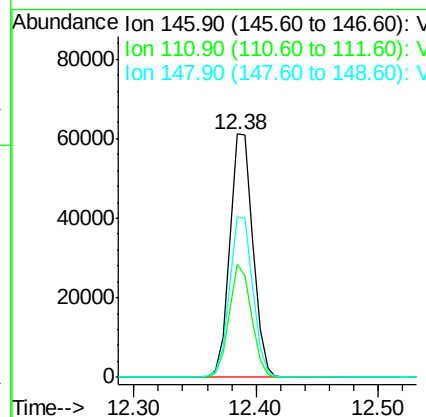
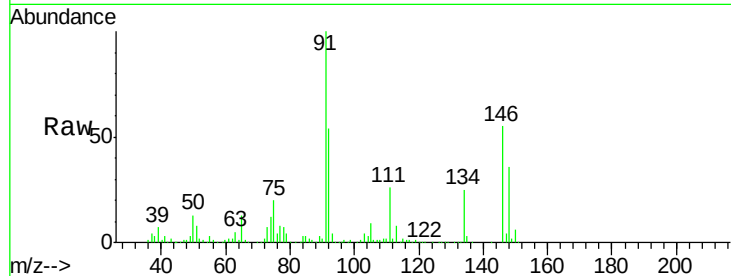




#91
 1,2-Dichlorobenzene
 Concen: 20.889 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

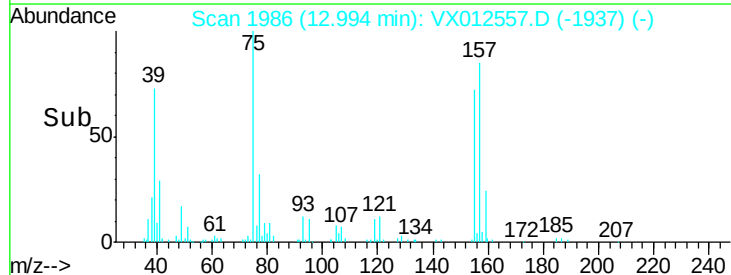
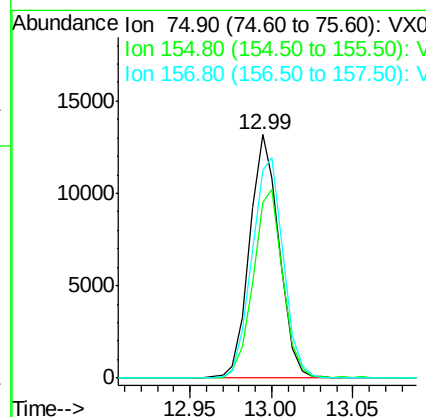
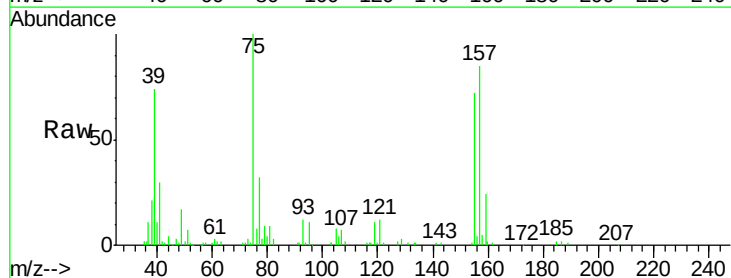
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

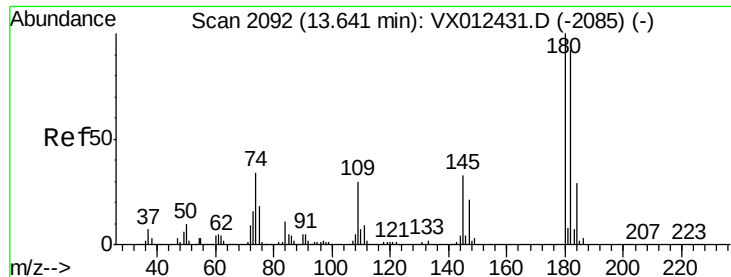
Tot Ion:146 Resp: 79642
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.1
 148 66.6 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion: 75 Resp: 16608
 Ion Ratio Lower Upper
 75 100
 155 77.9 38.6 115.8
 157 95.6 50.6 151.9

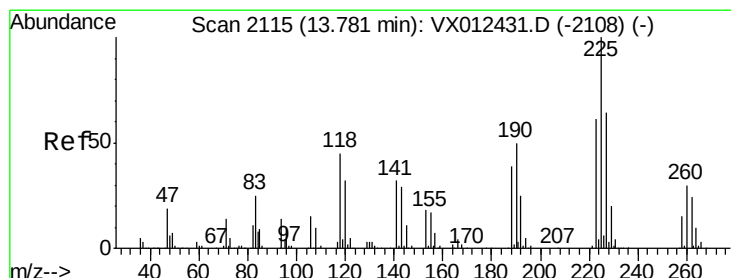
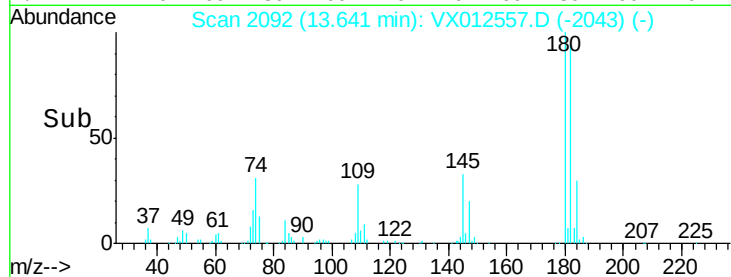
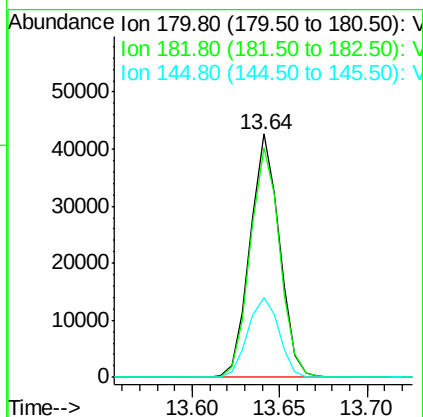
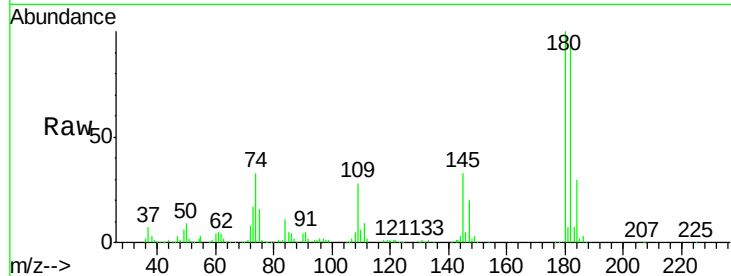




#93
 1,2,4-Trichlorobenzene
 Concen: 20.506 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

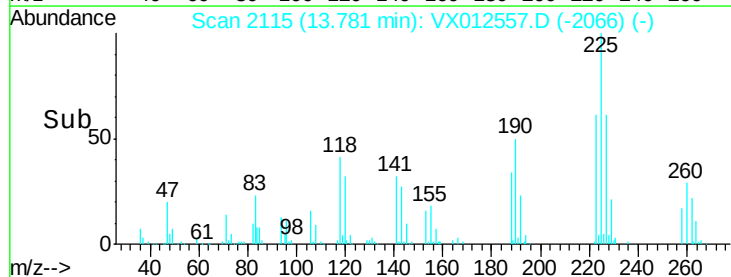
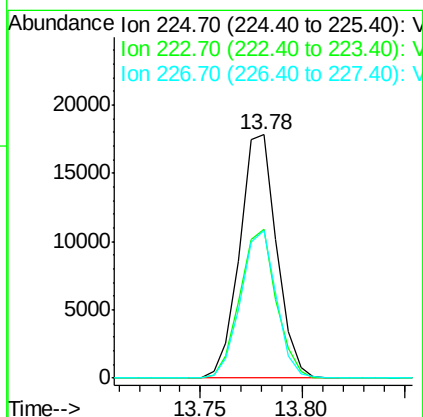
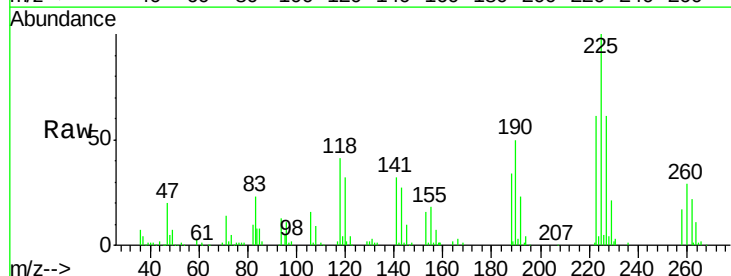
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

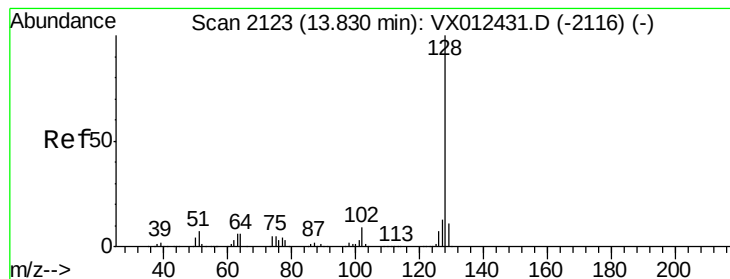
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.0
145	34.8	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 19.412 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012557.D
 Acq: 20 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	32.0	96.2
227	58.4	31.9	95.5





#95

Naphthalene

Concen: 21.569 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBSD01

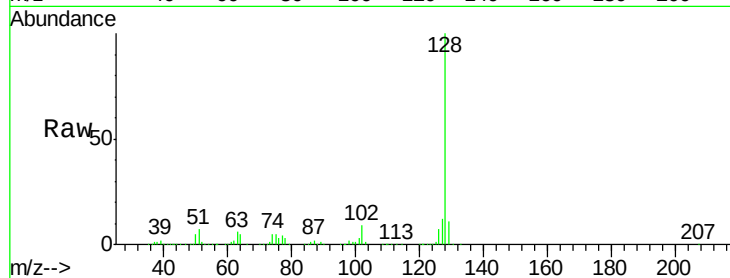
Tot Ion:128 Resp: 188472

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

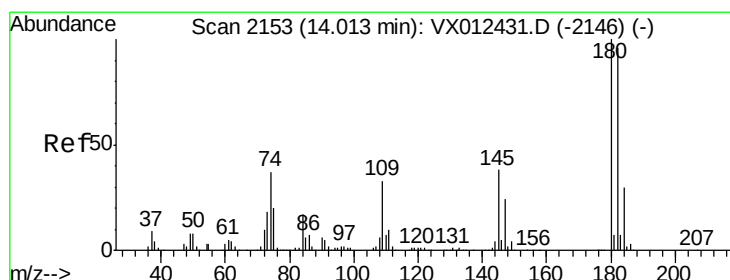
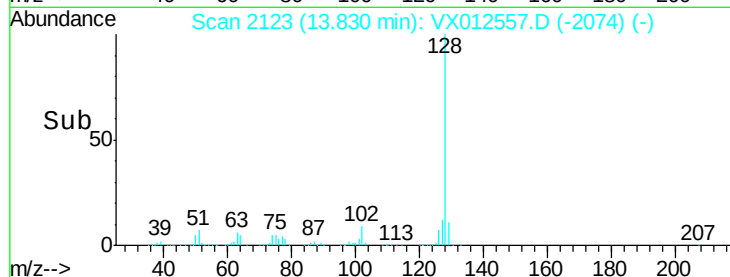
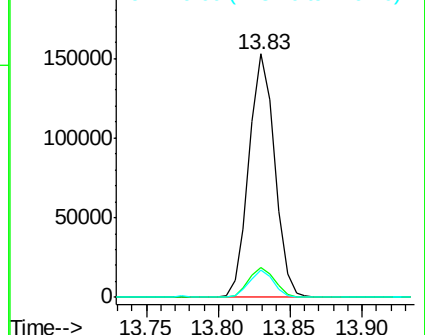
129 10.9 8.8 13.2



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: 21.372 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012557.D

Acq: 20 Sep 2019 15:12

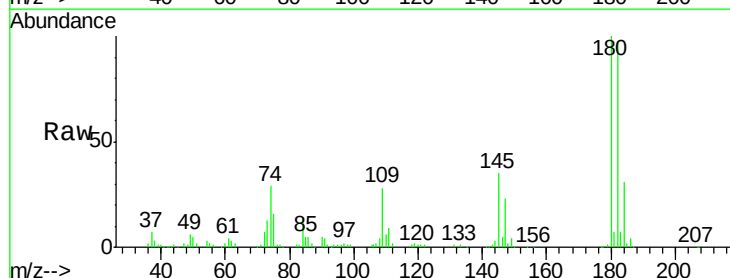
Tgt Ion:180 Resp: 53484

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 35.9 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

