

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020034.D
 Acq On : 16 Dec 2020 00:42
 Operator : JC/MD
 Sample : VX1215WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

Quant Time: Dec 16 01:40:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	236367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	407965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	383678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164043	52.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.62%		
35) Dibromofluoromethane	5.46	113	131656	49.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.86%		
50) Toluene-d8	8.70	98	492286	48.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.82%		
62) 4-Bromofluorobenzene	11.12	95	185097	48.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.62%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	37218	17.198	ug/l	98
3) Chloromethane	1.31	50	43723	17.180	ug/l	99
4) Vinyl Chloride	1.39	62	50689	18.889	ug/l	99
5) Bromomethane	1.62	94	25297	28.390	ug/l	98
6) Chloroethane	1.71	64	34867	21.629	ug/l	99
7) Trichlorofluoromethane	1.92	101	71846	19.224	ug/l	99
8) Diethyl Ether	2.17	74	33251	20.996	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41700	19.467	ug/l	98
10) Methyl Iodide	2.49	142	38339	12.142	ug/l	99
11) Tert butyl alcohol	3.01	59	77186	119.492	ug/l	97
12) 1,1-Dichloroethene	2.36	96	42164	19.470	ug/l	98
13) Acrolein	2.27	56	20958	61.119	ug/l	99
14) Allyl chloride	2.70	41	72849	19.917	ug/l	97
15) Acrylonitrile	3.11	53	160082	113.987	ug/l	99
16) Acetone	2.42	43	129543	110.941	ug/l	98
17) Carbon Disulfide	2.55	76	98419	15.838	ug/l	99
18) Methyl Acetate	2.75	43	71265	24.940	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	171844	21.789	ug/l	100
20) Methylene Chloride	2.83	84	57673	20.804	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	49983	19.797	ug/l	100
22) Diisopropyl ether	3.82	45	167890	22.703	ug/l	95
23) Vinyl Acetate	3.78	43	696561	110.561	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96588	21.659	ug/l	100
25) 2-Butanone	4.63	43	202748	112.999	ug/l	100
26) 2,2-Dichloropropane	4.55	77	63870	16.631	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61546	20.830	ug/l	98
28) Bromochloromethane	4.98	49	46006	21.641	ug/l	94
29) Tetrahydrofuran	5.09	42	131083	113.392	ug/l	97
30) Chloroform	5.17	83	99966	21.801	ug/l	99
31) Cyclohexane	5.54	56	71052	18.387	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	80255	20.324	ug/l	99
36) 1,1-Dichloropropene	5.77	75	65814	17.853	ug/l	99
37) Ethyl Acetate	4.79	43	77718	20.880	ug/l	99
38) Carbon Tetrachloride	5.75	117	65574	18.164	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	71119	16.420	ug/l	98
40) Benzene	6.11	78	222104	19.723	ug/l	98
41) Methacrylonitrile	5.00	41	42155	20.628	ug/l	97
42) 1,2-Dichloroethane	6.16	62	79748	20.727	ug/l	99
43) Isopropyl Acetate	6.41	43	120901	19.979	ug/l	99
44) Trichloroethene	7.18	130	54281	18.371	ug/l	98
45) 1,2-Dichloropropane	7.49	63	57686	20.496	ug/l	99
46) Dibromomethane	7.63	93	39262	20.657	ug/l	97
47) Bromodichloromethane	7.87	83	75204	19.940	ug/l	99
48) Methyl methacrylate	7.74	41	60205	20.229	ug/l	98
49) 1,4-Dioxane	7.71	88	28914	401.045	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	399483	108.126	ug/l	99
52) Toluene	8.76	92	134728	19.129	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78192	18.683	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	86994	19.133	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59518	20.969	ug/l	99
56) Ethyl methacrylate	9.16	69	84892	19.769	ug/l	99
57) 1,3-Dichloropropane	9.35	76	100269	20.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	231145	101.605	ug/l	99
59) 2-Hexanone	9.47	43	299662	104.638	ug/l	99
60) Dibromochloromethane	9.56	129	57358	19.890	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60114	19.945	ug/l	100
64) Tetrachloroethene	9.32	164	48344	18.789	ug/l	96
65) Chlorobenzene	10.12	112	144596	18.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	54659	19.867	ug/l	100
67) Ethyl Benzene	10.23	91	251484	18.535	ug/l	99
68) m/p-Xylenes	10.34	106	186324	36.443	ug/l	98
69) o-Xylene	10.68	106	92234	18.754	ug/l	99
70) Styrene	10.70	104	157268	18.945	ug/l	99
71) Bromoform	10.84	173	40746	18.826	ug/l #	100
73) Isopropylbenzene	11.00	105	241699	19.314	ug/l	100
74) N-amyl acetate	10.88	43	98906	19.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94427	21.403	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	101724	24.761	ug/l	89
77) Bromobenzene	11.24	156	61196	19.109	ug/l	96
78) n-propylbenzene	11.34	91	271401	18.989	ug/l	100
79) 2-Chlorotoluene	11.40	91	173325	19.692	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	203968	19.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25042	17.621	ug/l	93
82) 4-Chlorotoluene	11.49	91	200090	19.410	ug/l	98
83) tert-Butylbenzene	11.76	119	197244	19.042	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	208826	19.629	ug/l	100
85) sec-Butylbenzene	11.93	105	222914	18.849	ug/l	100
86) p-Isopropyltoluene	12.05	119	200101	18.462	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	110147	18.740	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112781	18.839	ug/l	98
89) n-Butylbenzene	12.37	91	164038	17.083	ug/l	99
90) Hexachloroethane	12.58	117	33775	18.050	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	112542	19.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19055	20.090	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

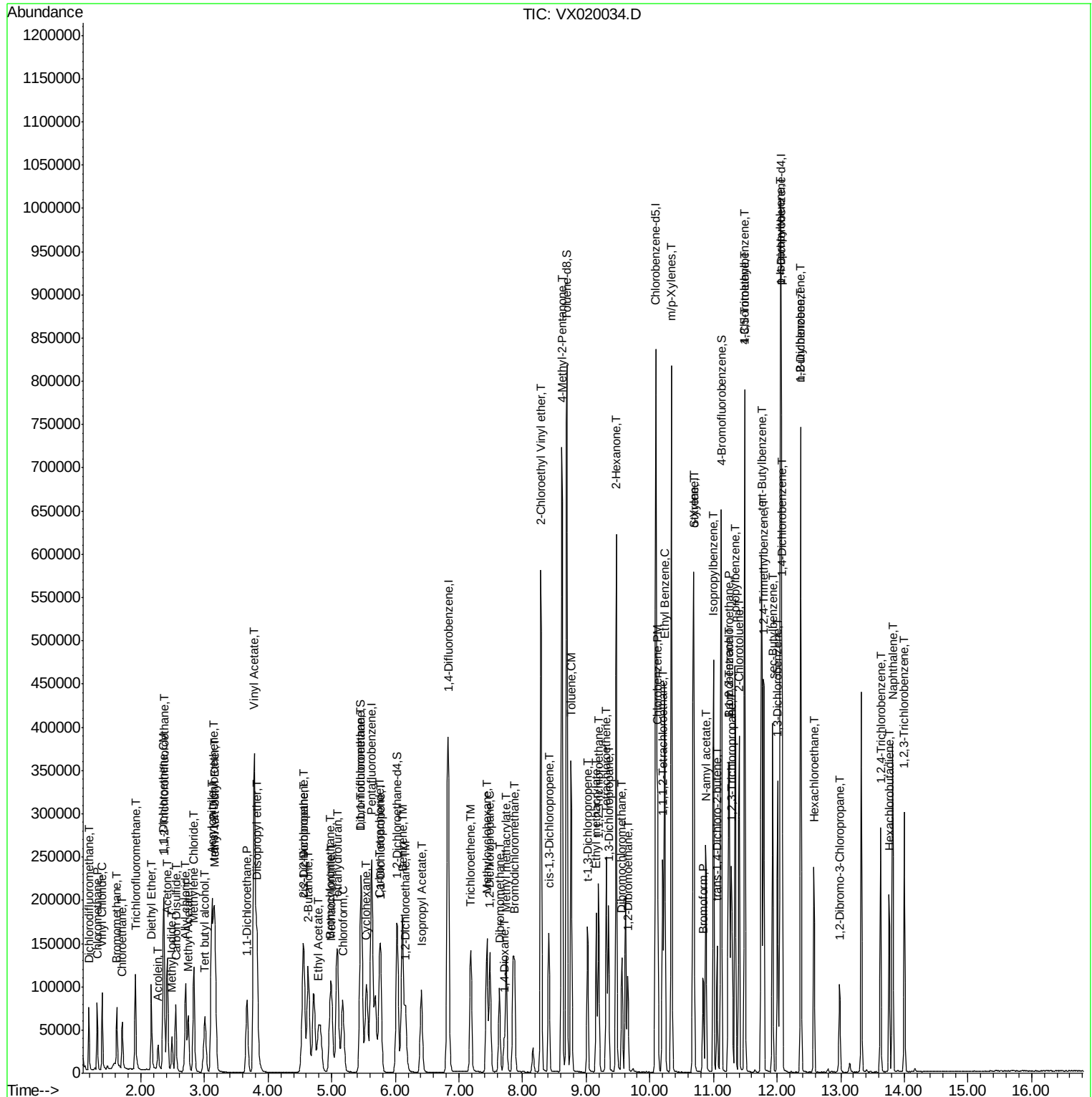
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68204	18.286	ug/l	99
94) Hexachlorobutadiene	13.76	225	29256	17.549	ug/l	99
95) Naphthalene	13.82	128	231696	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	69336	19.022	ug/l	98

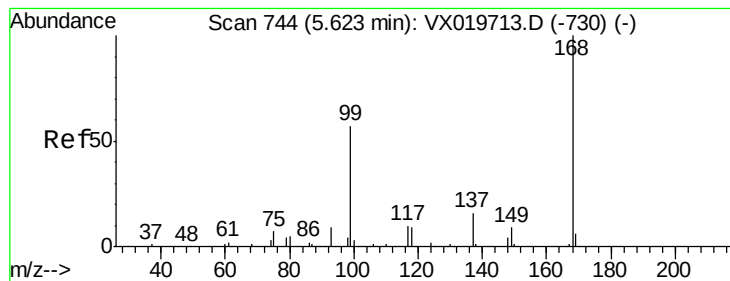
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Client Sampled :
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

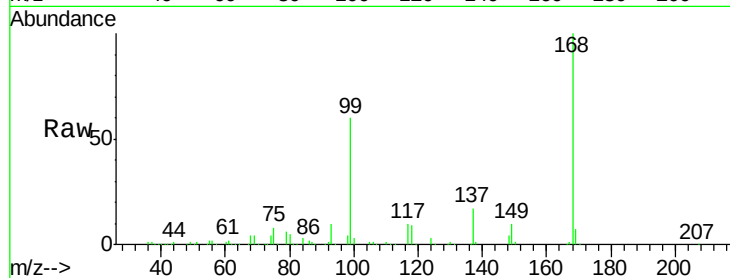
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

Tgt Ion:168 Resp: 236367

Ion Ratio Lower Upper

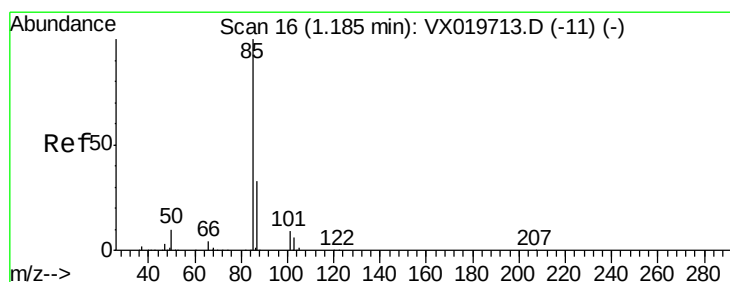
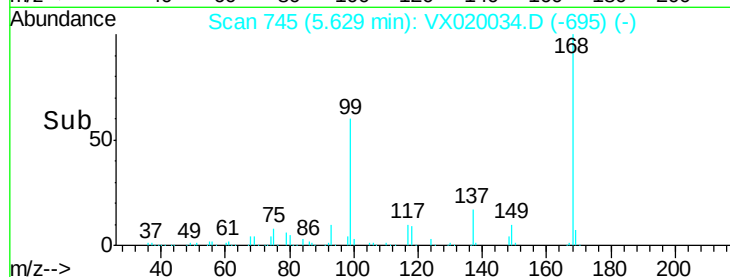
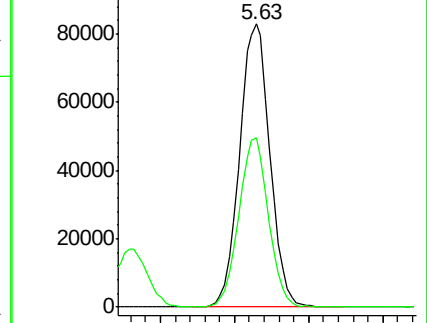
168 100

99 59.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.198 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020034.D

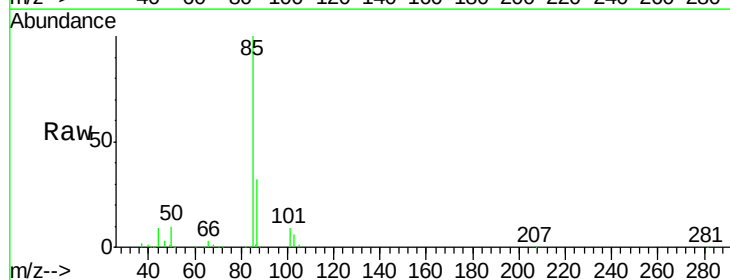
Acq: 16 Dec 2020 00:42

Tgt Ion: 85 Resp: 37218

Ion Ratio Lower Upper

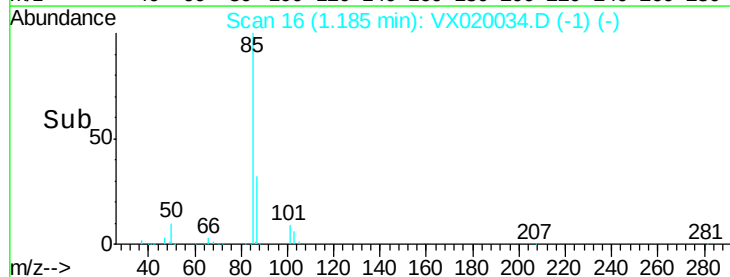
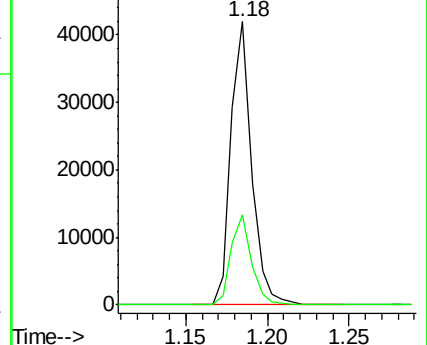
85 100

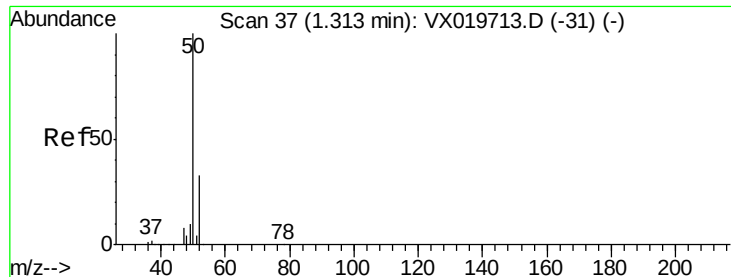
87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.180 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

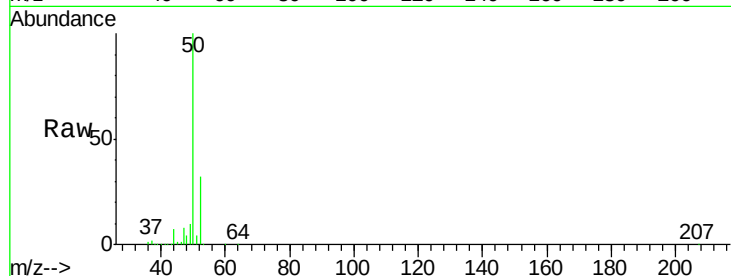
VX1215WBS02

Tgt Ion: 50 Resp: 43723

Ion Ratio Lower Upper

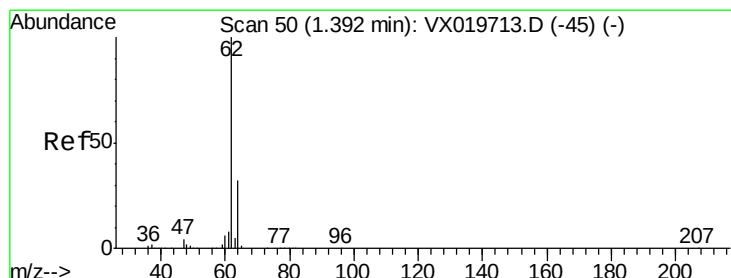
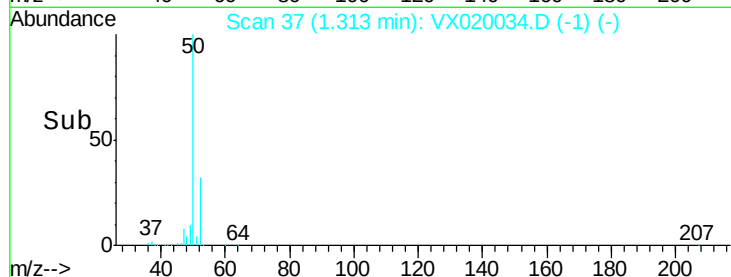
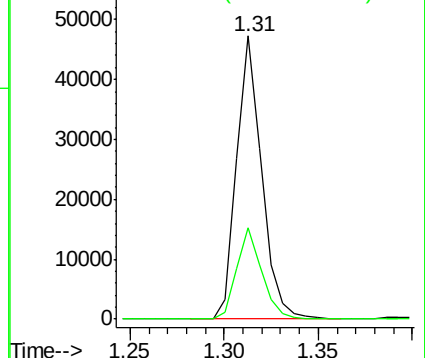
50 100

52 32.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.889 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020034.D

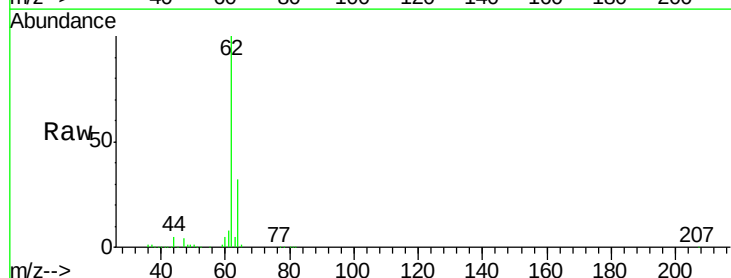
Acq: 16 Dec 2020 00:42

Tgt Ion: 62 Resp: 50689

Ion Ratio Lower Upper

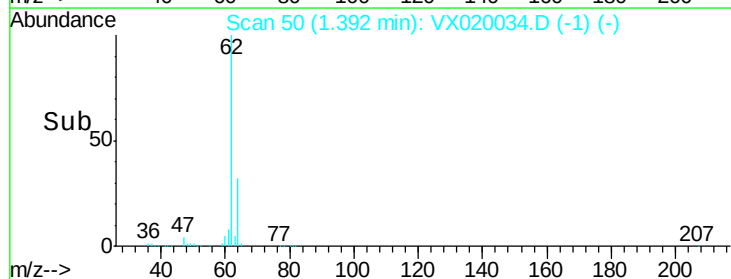
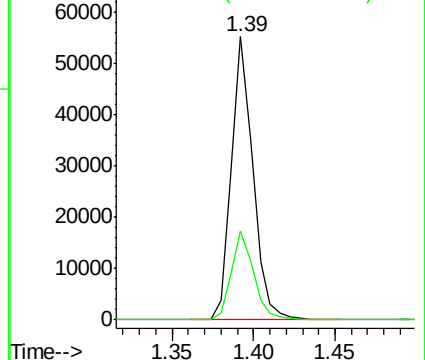
62 100

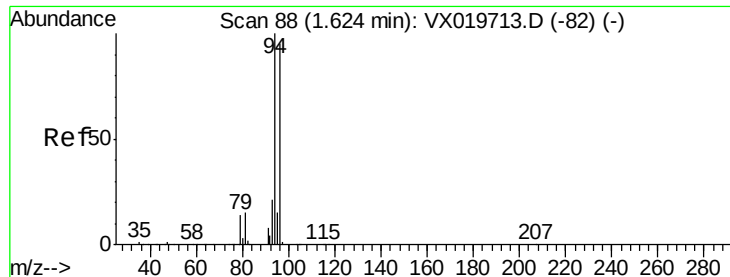
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 28.390 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

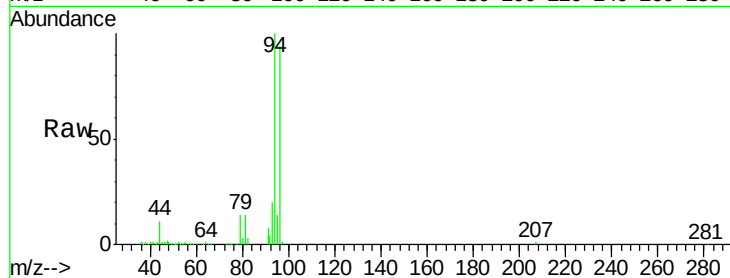
VX1215WBS02

Tgt Ion: 94 Resp: 25297

Ion Ratio Lower Upper

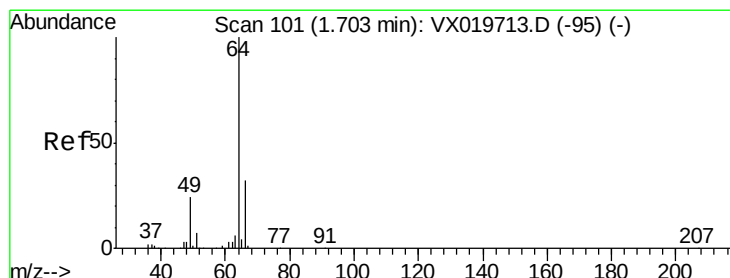
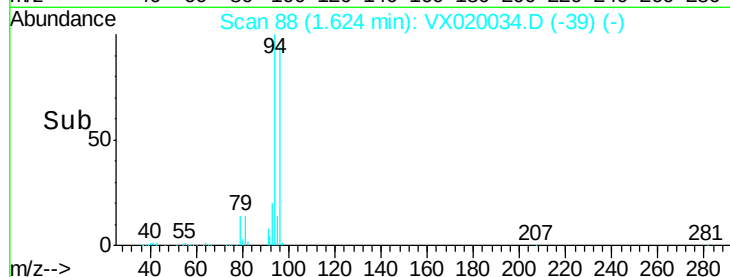
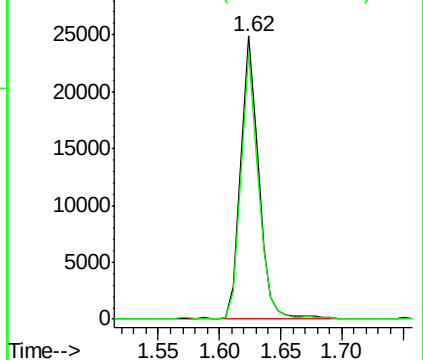
94 100

96 93.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.629 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020034.D

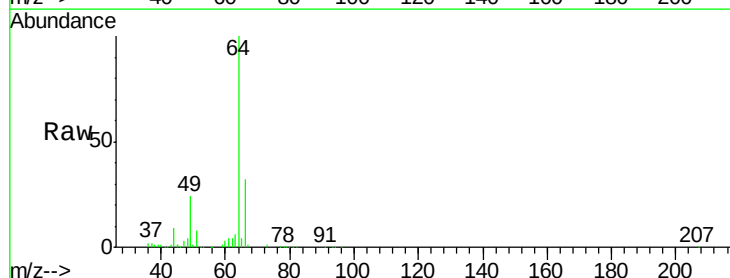
Acq: 16 Dec 2020 00:42

Tgt Ion: 64 Resp: 34867

Ion Ratio Lower Upper

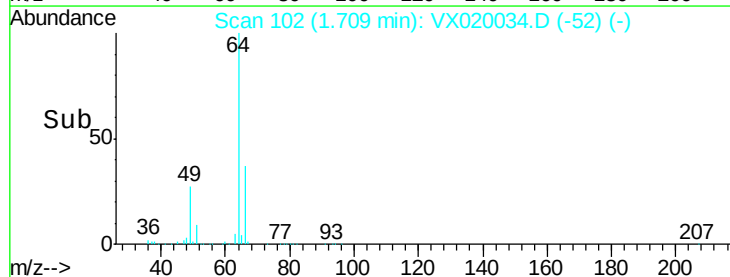
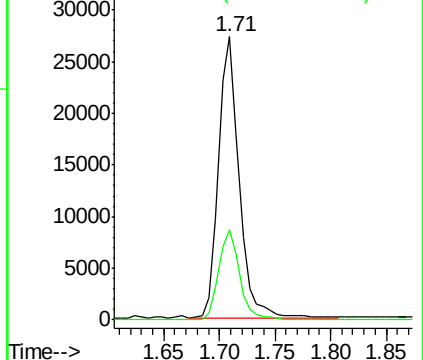
64 100

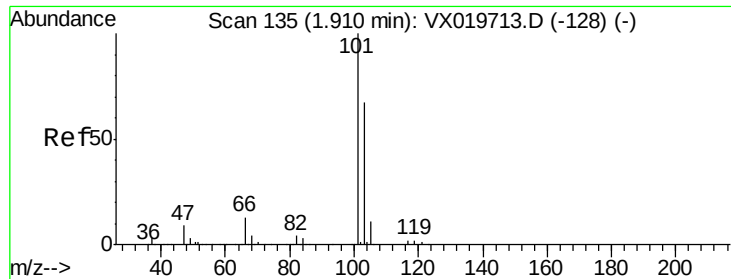
66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



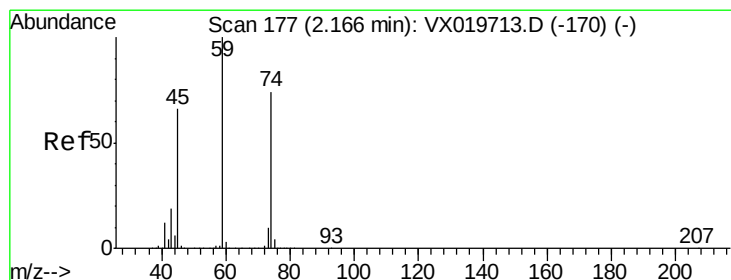
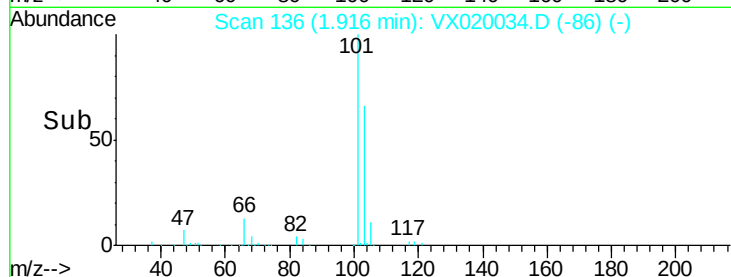
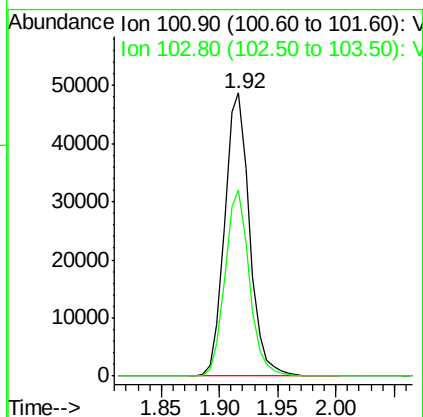
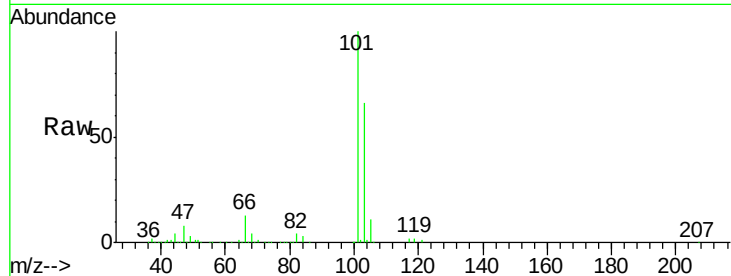


#7

Trichlorofluoromethane
 Concen: 19.224 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

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 VX1215WBS02

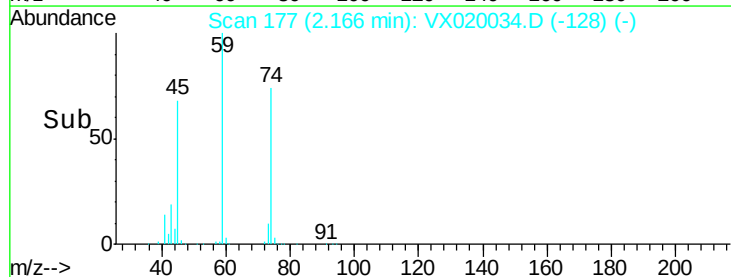
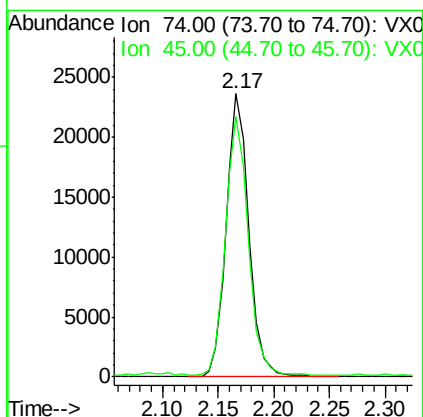
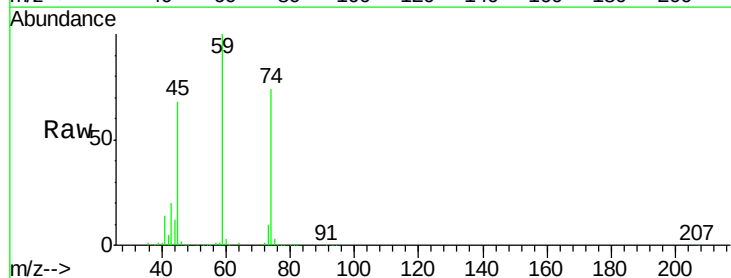
Tgt Ion:101 Resp: 71846
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.2 79.8

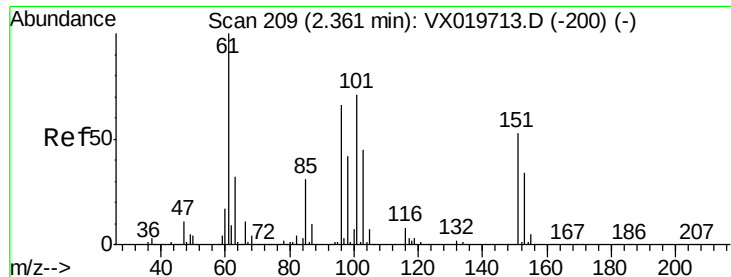


#8

Diethyl Ether
 Concen: 20.996 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 74 Resp: 33251
 Ion Ratio Lower Upper
 74 100
 45 91.6 44.5 133.5

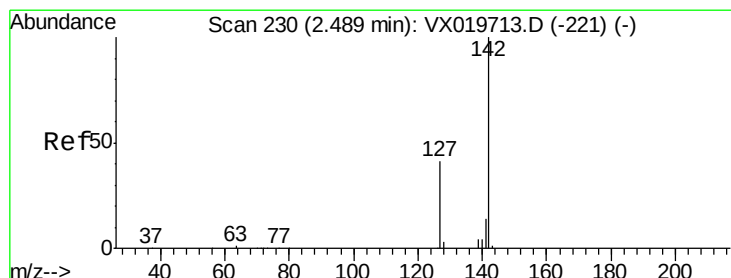
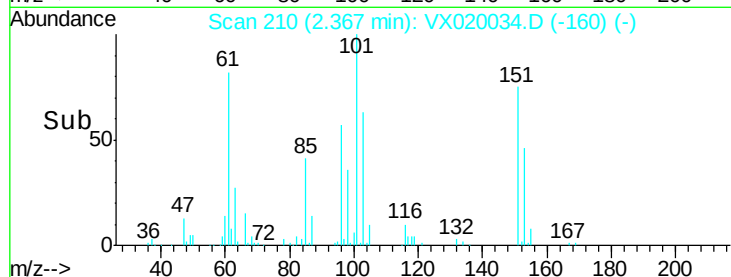
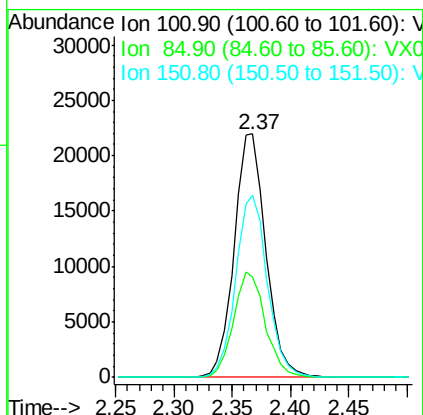
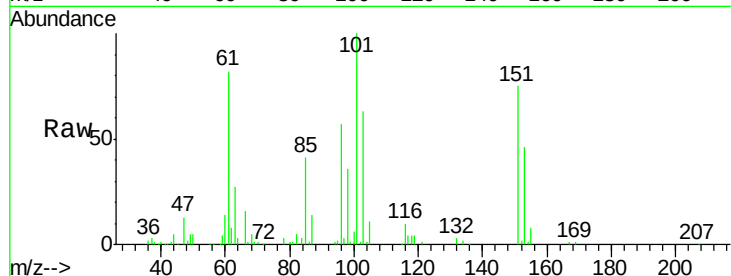




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.467 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

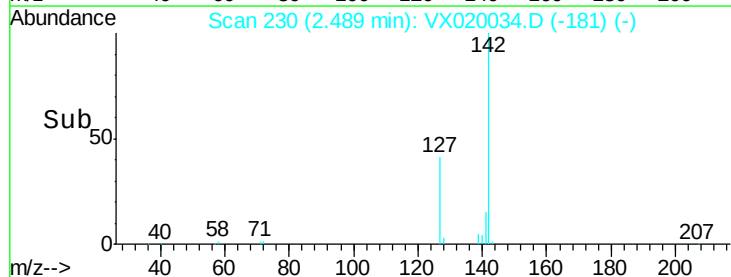
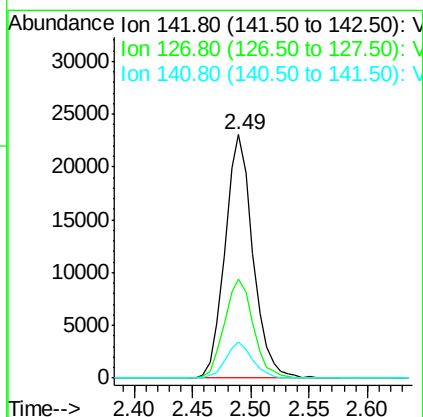
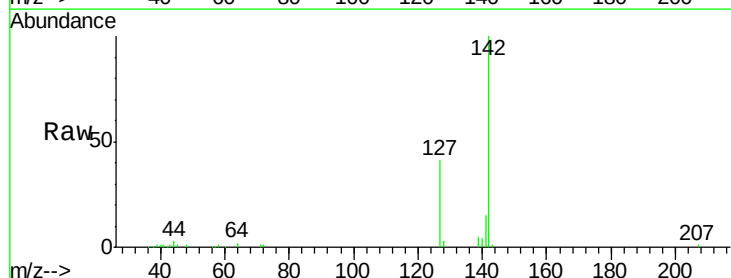
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

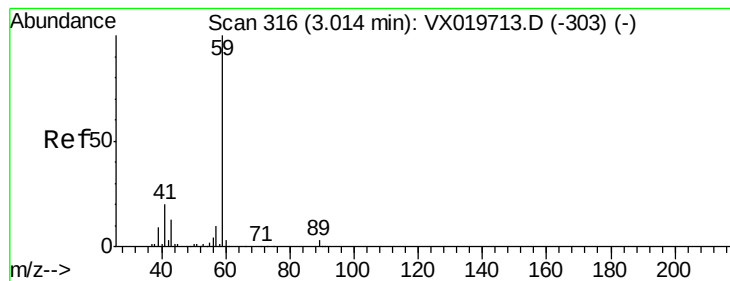
Tgt Ion:101 Resp: 41700
Ion Ratio Lower Upper
101 100
85 43.2 34.9 52.3
151 74.9 61.4 92.2



#10
Methyl Iodide
Concen: 12.142 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion:142 Resp: 38339
Ion Ratio Lower Upper
142 100
127 42.1 33.3 49.9
141 14.2 11.4 17.0



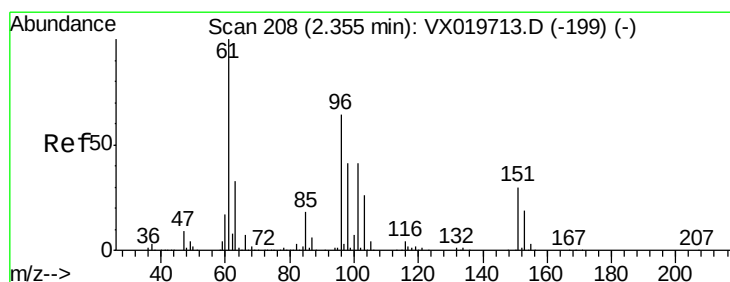
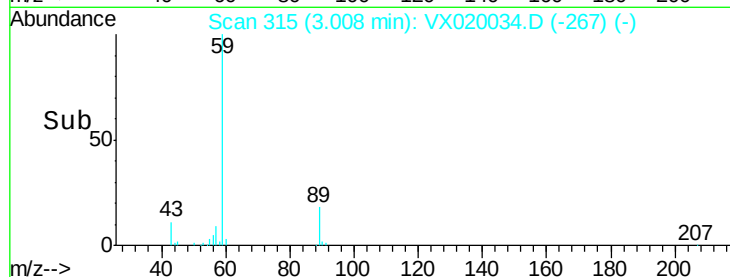
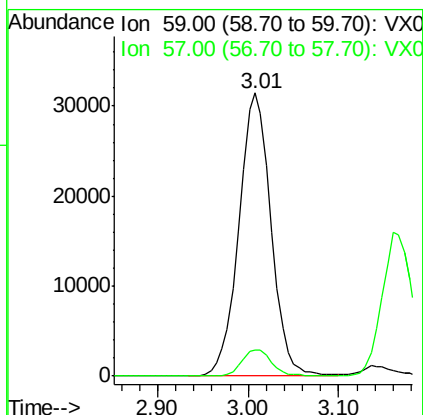
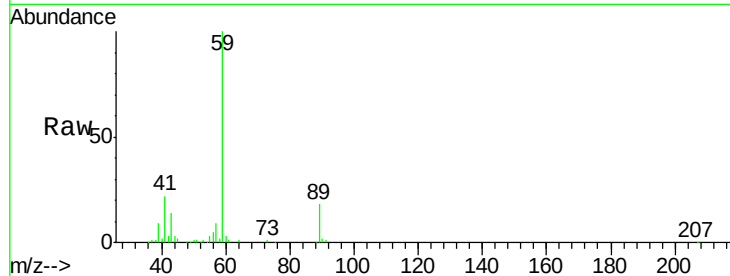


#11

Tert butyl alcohol
 Concen: 119.492 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

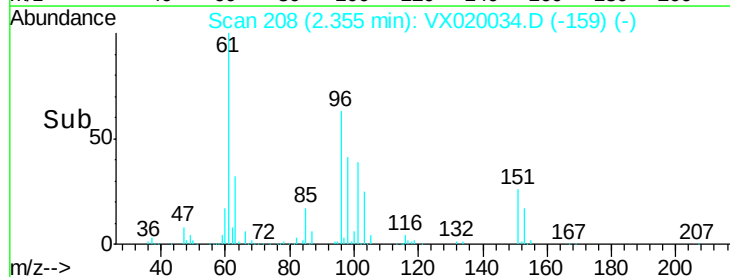
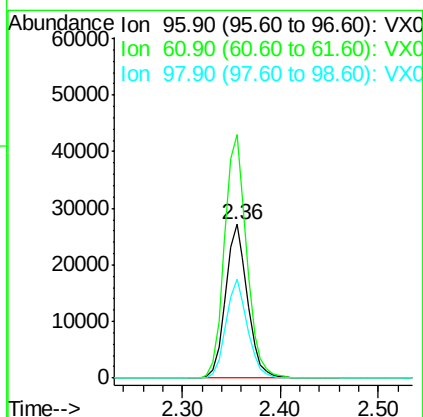
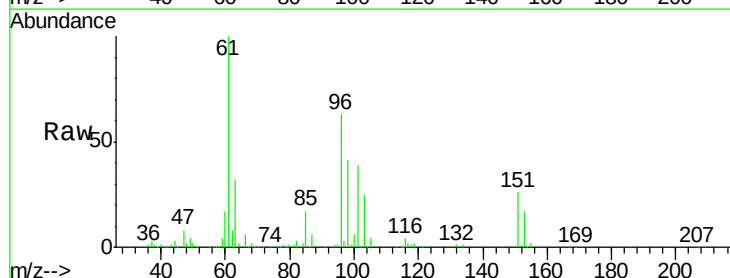
Tgt Ion: 59 Resp: 77186
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.8 11.8

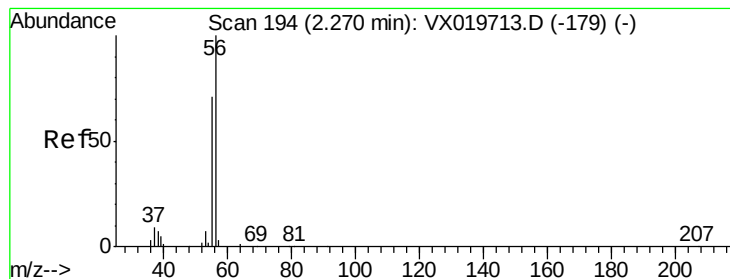


#12

1,1-Dichloroethene
 Concen: 19.470 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 96 Resp: 42164
 Ion Ratio Lower Upper
 96 100
 61 158.4 124.6 187.0
 98 64.5 50.6 76.0





#13

Acrolein

Concen: 61.119 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

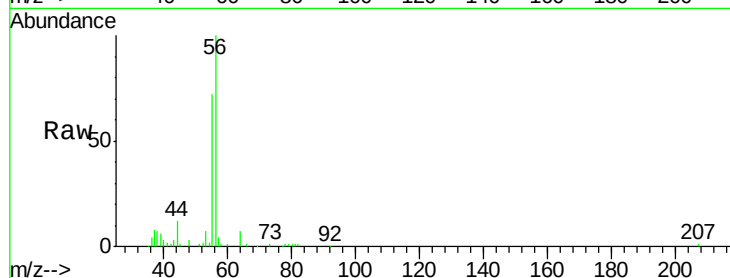
VX1215WBS02

Tgt Ion: 56 Resp: 20958

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

15000

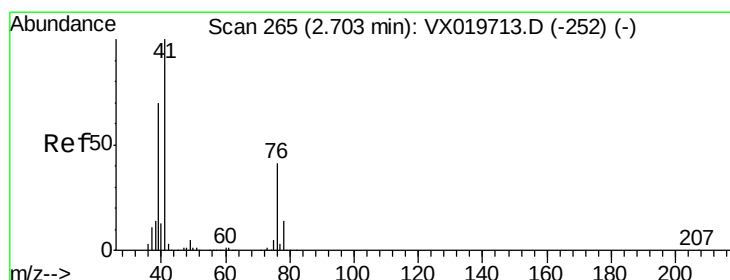
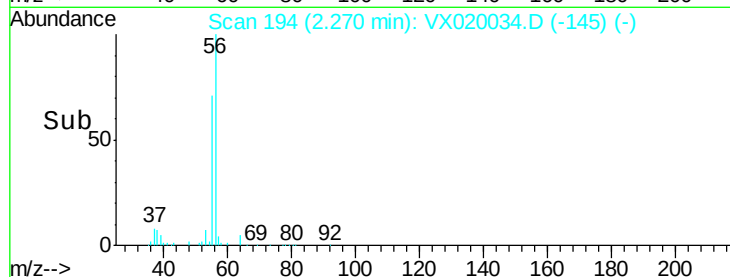
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 19.917 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

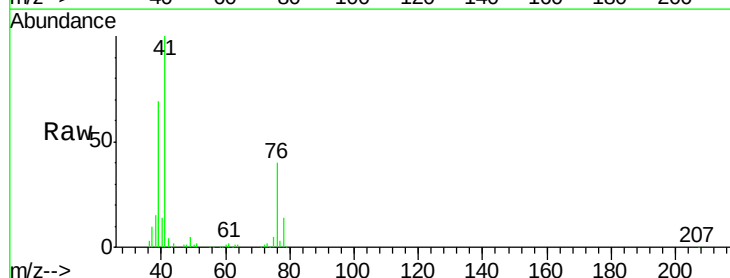
Tgt Ion: 41 Resp: 72849

Ion Ratio Lower Upper

41 100

39 62.1 51.6 77.4

76 35.8 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

40000

30000

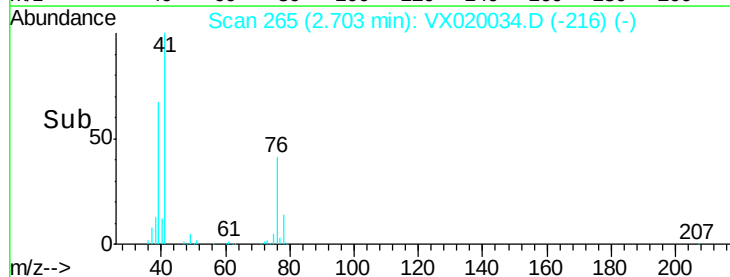
20000

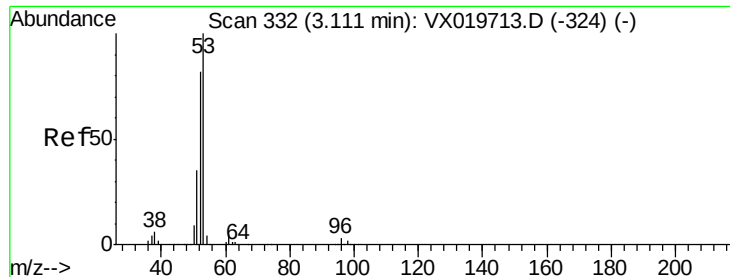
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 113.987 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

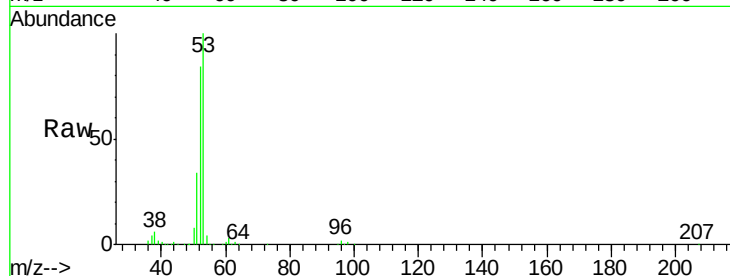
Tgt Ion: 53 Resp: 160082

Ion Ratio Lower Upper

53 100

52 82.8 65.3 97.9

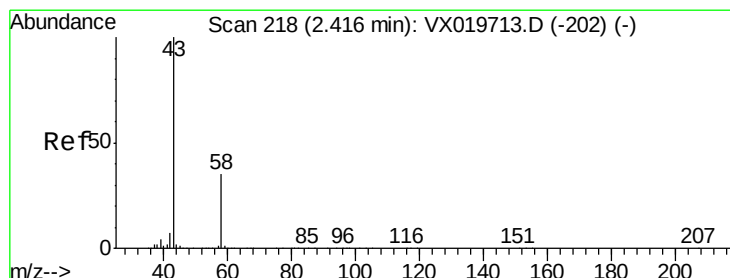
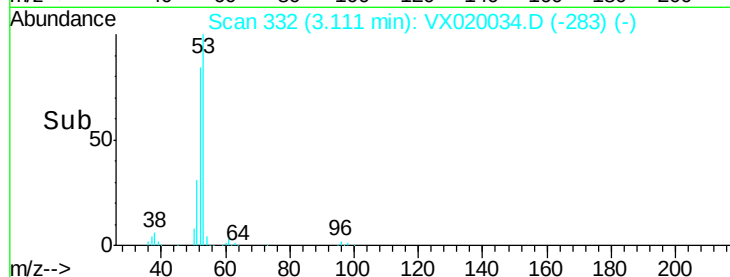
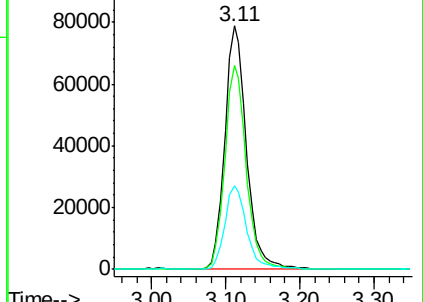
51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 110.941 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX020034.D

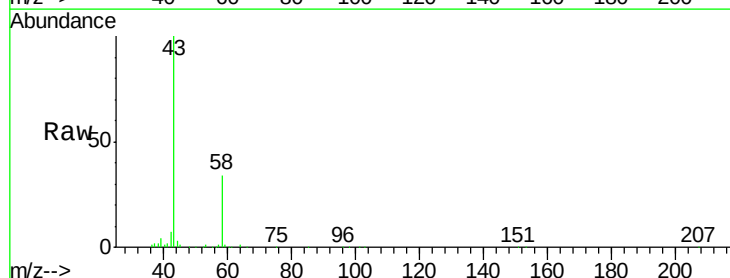
Acq: 16 Dec 2020 00:42

Tgt Ion: 43 Resp: 129543

Ion Ratio Lower Upper

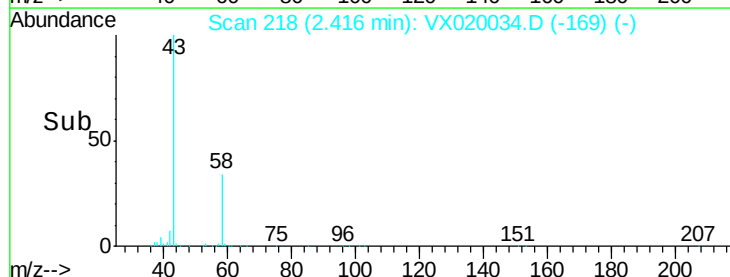
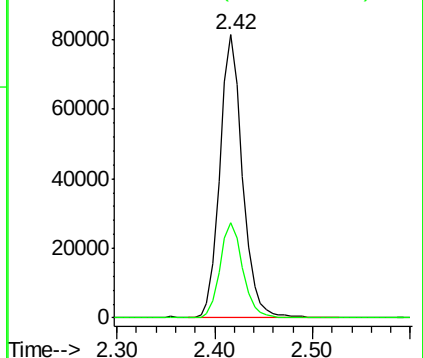
43 100

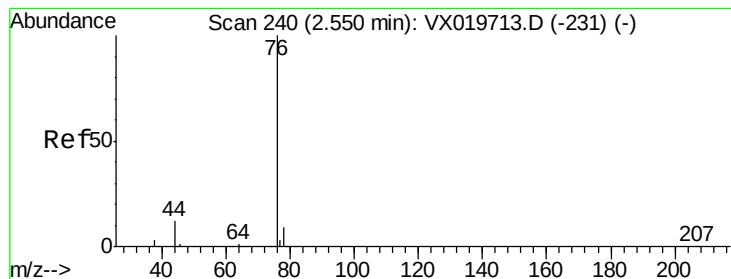
58 33.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.838 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

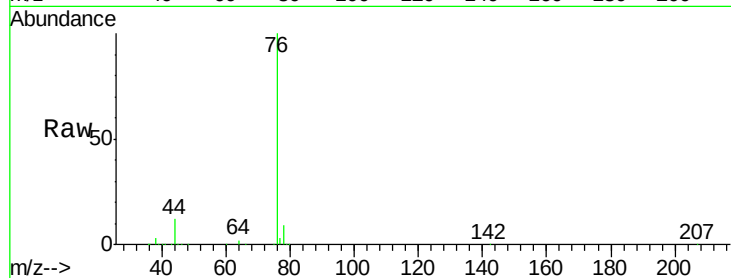
VX1215WBS02

Tgt Ion: 76 Resp: 98419

Ion Ratio Lower Upper

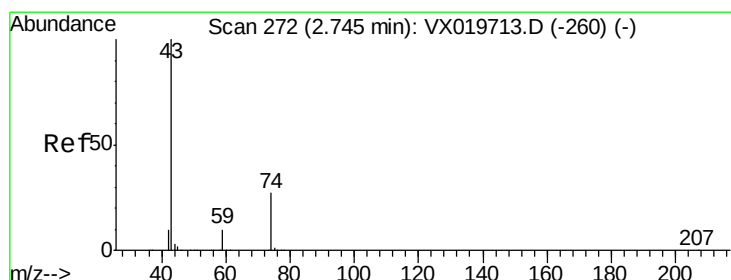
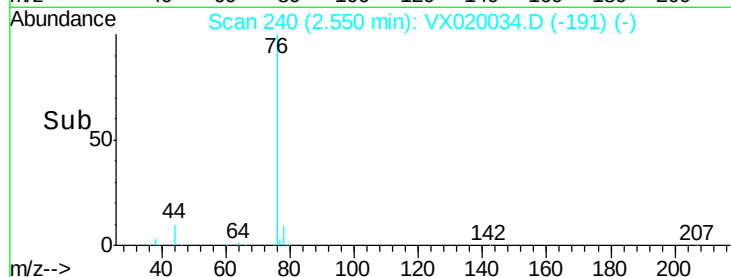
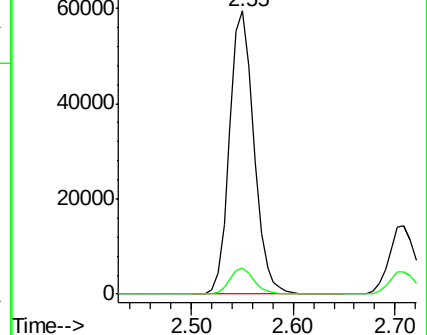
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.940 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX020034.D

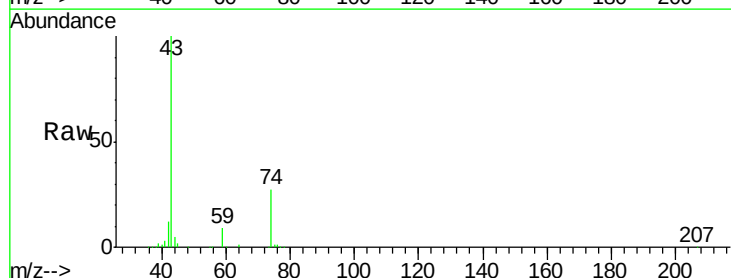
Acq: 16 Dec 2020 00:42

Tgt Ion: 43 Resp: 71265

Ion Ratio Lower Upper

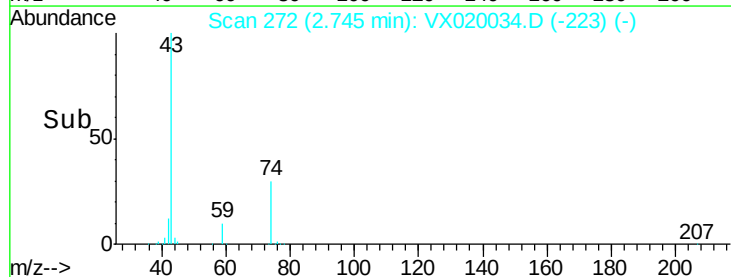
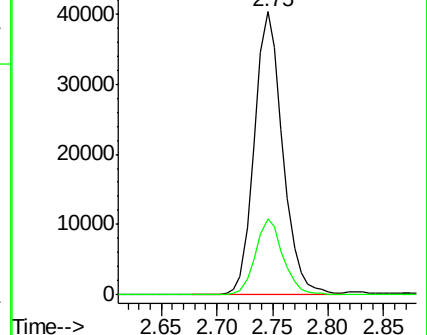
43 100

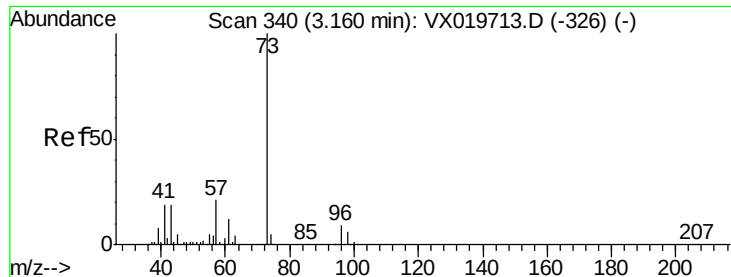
74 26.6 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



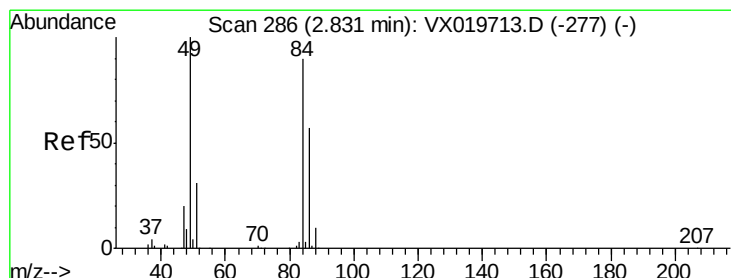
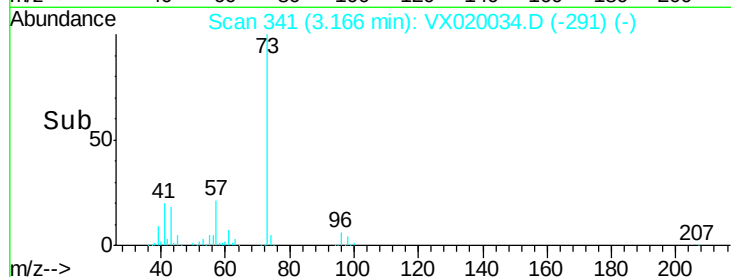
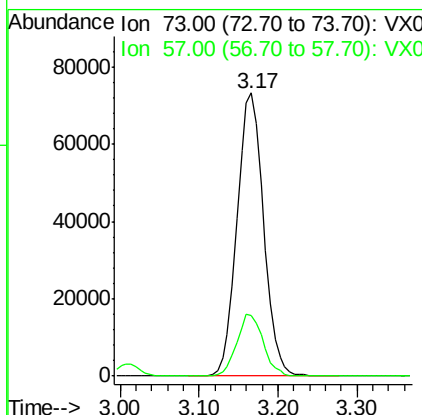
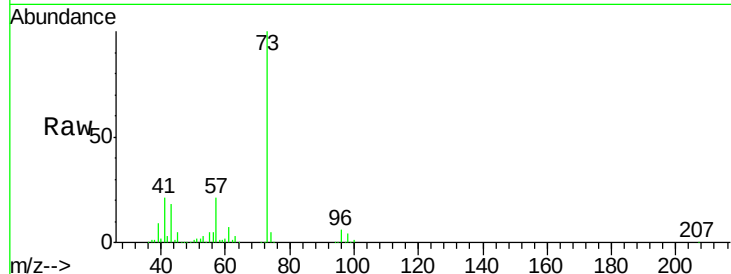


#19

Methyl tert-butyl Ether
 Concen: 21.789 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

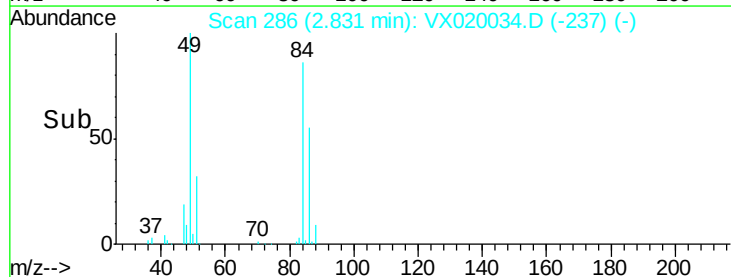
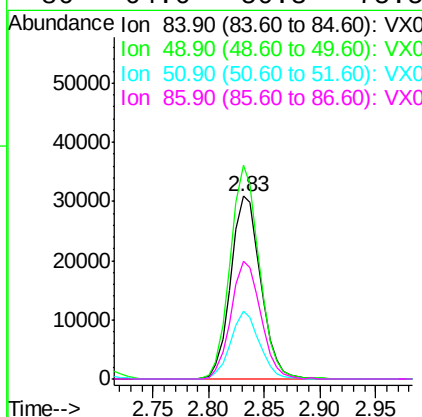
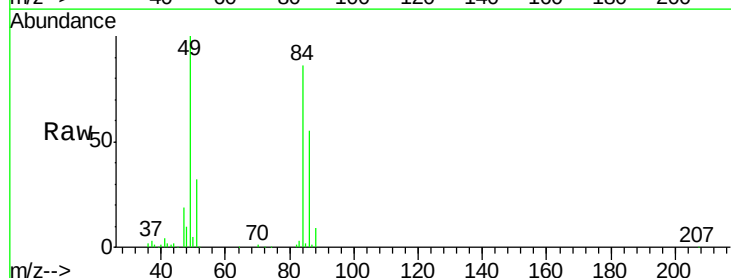
Tgt Ion: 73 Resp: 171844
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.1 25.7

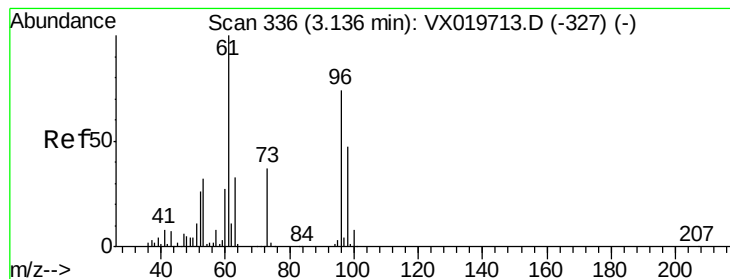


#20

Methylene Chloride
 Concen: 20.804 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 84 Resp: 57673
 Ion Ratio Lower Upper
 84 100
 49 116.9 88.6 132.8
 51 37.2 27.0 40.6
 86 64.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.797 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

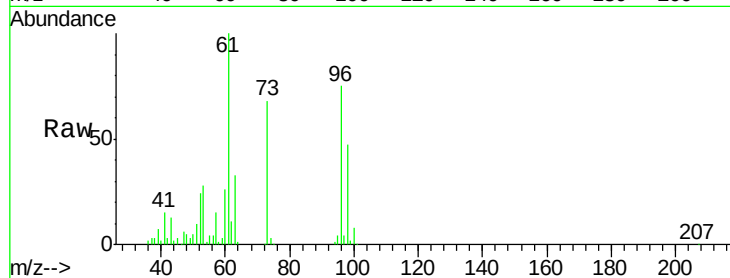
Tgt Ion: 96 Resp: 49983

Ion Ratio Lower Upper

96 100

61 134.0 107.7 161.5

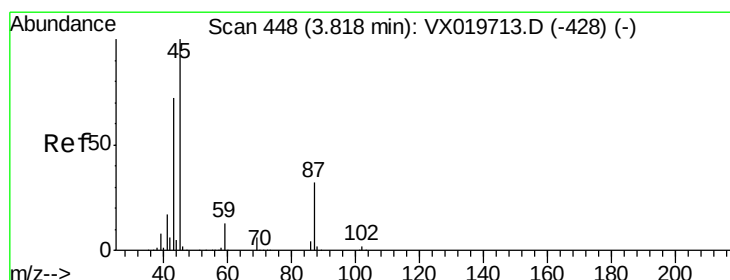
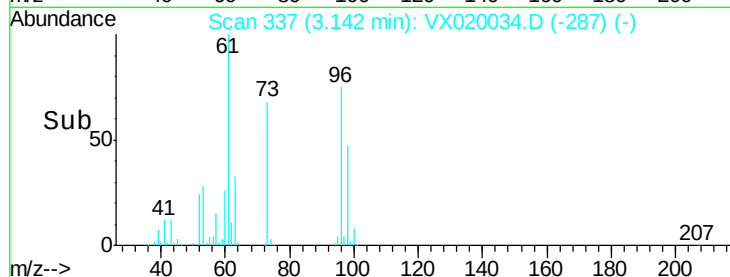
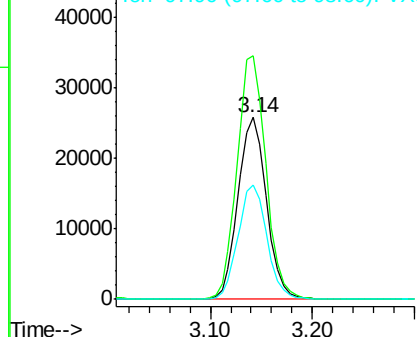
98 62.7 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.703 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Tgt Ion: 45 Resp: 167890

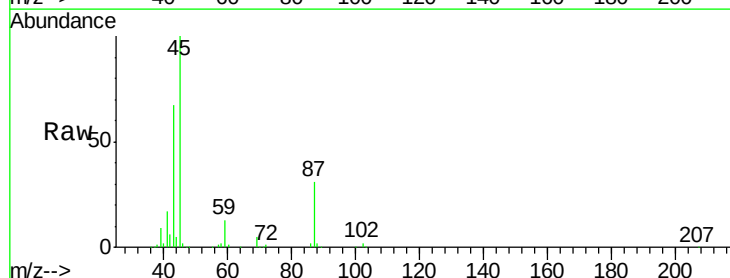
Ion Ratio Lower Upper

45 100

43 66.7 58.0 87.0

87 31.2 25.4 38.0

59 12.9 10.2 15.2

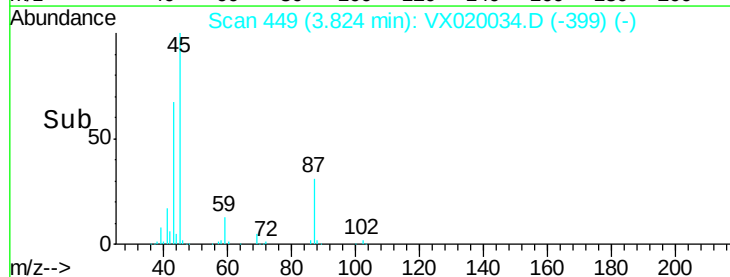
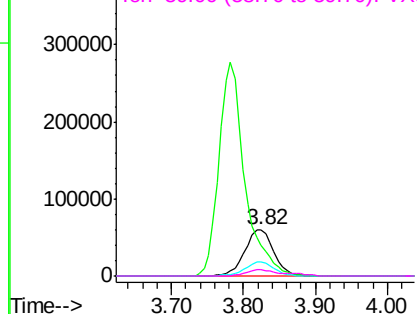


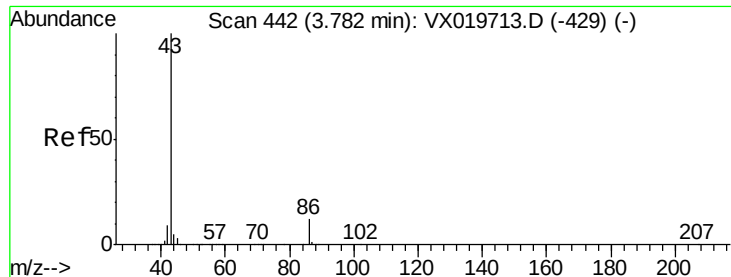
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 110.561 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

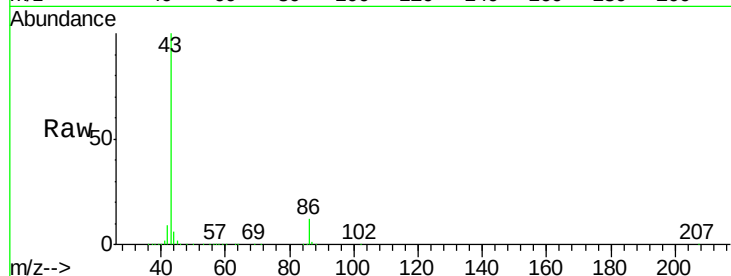
VX1215WBS02

Tgt Ion: 43 Resp: 696561

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

300000

250000

200000

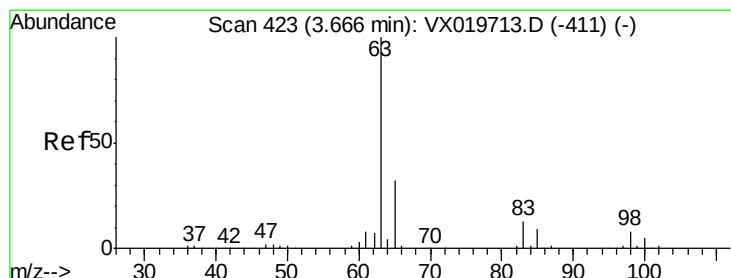
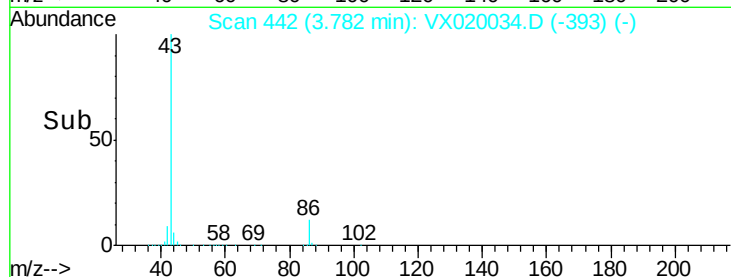
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 21.659 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

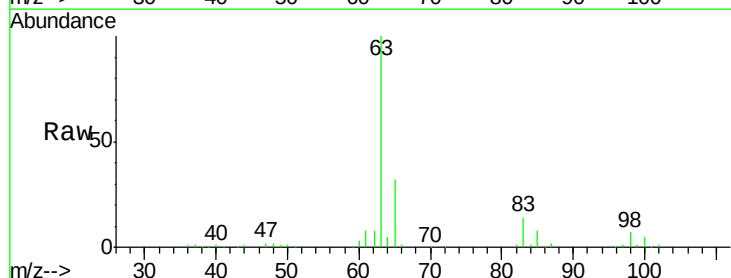
Tgt Ion: 63 Resp: 96588

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 5.0 2.5 7.5



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

40000

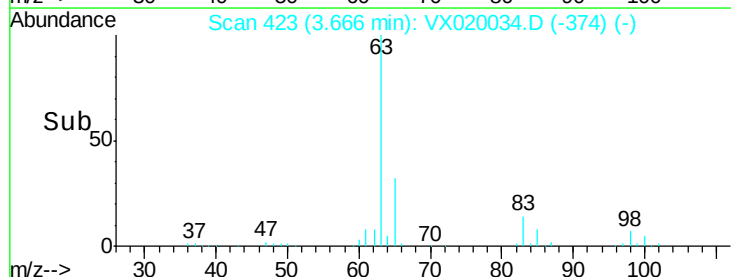
30000

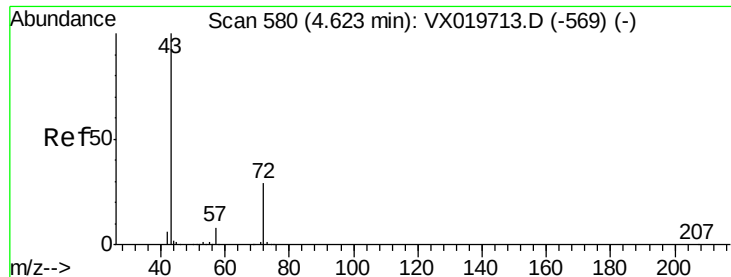
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 112.999 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

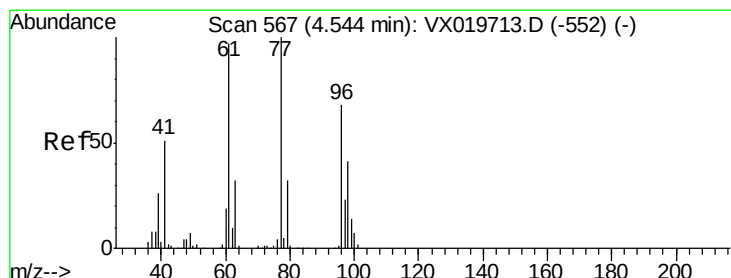
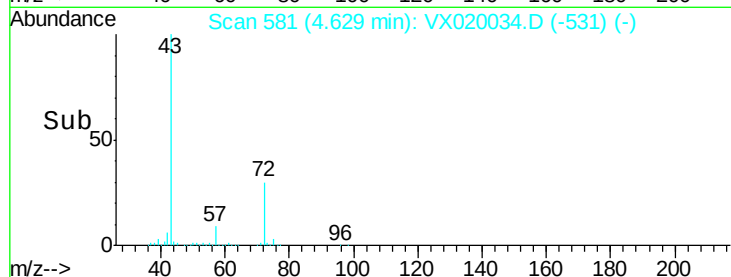
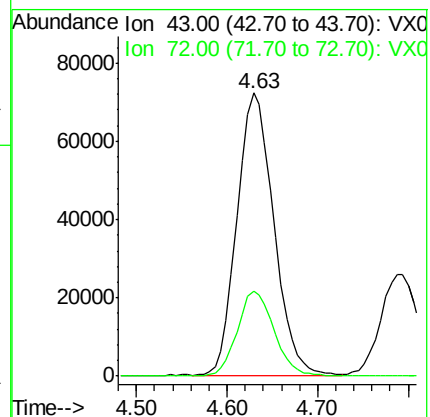
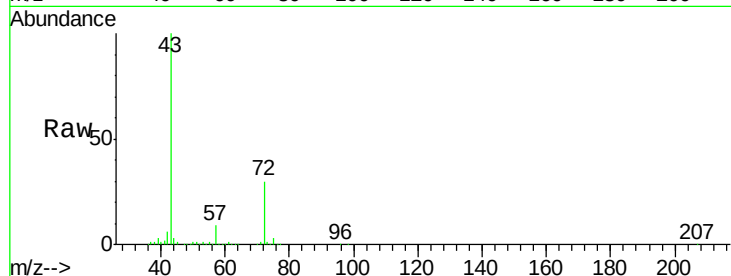
VX1215WBS02

Tgt Ion: 43 Resp: 202748

Ion Ratio Lower Upper

43 100

72 29.7 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.631 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020034.D

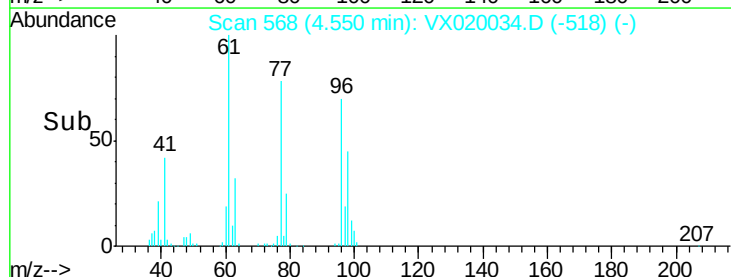
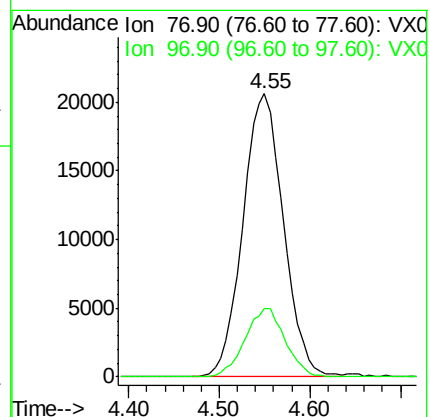
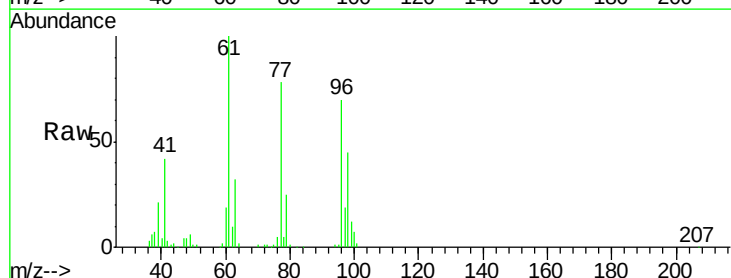
Acq: 16 Dec 2020 00:42

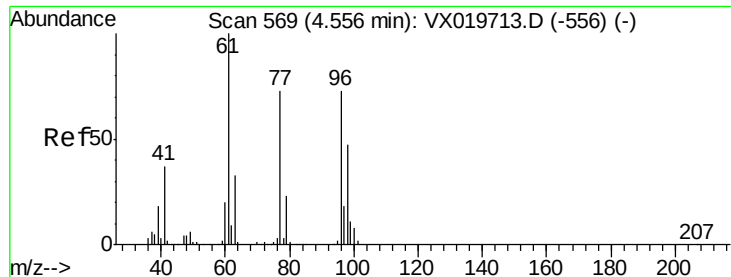
Tgt Ion: 77 Resp: 63870

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1



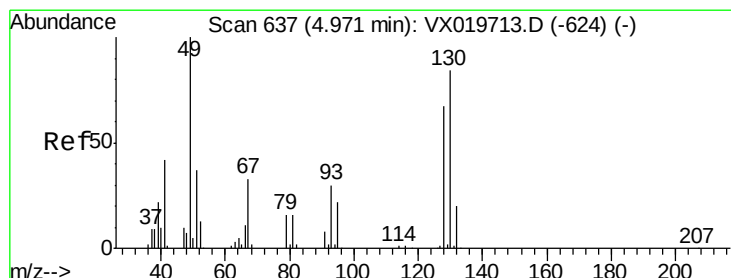
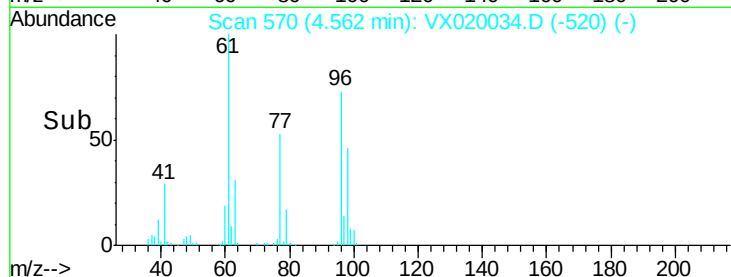
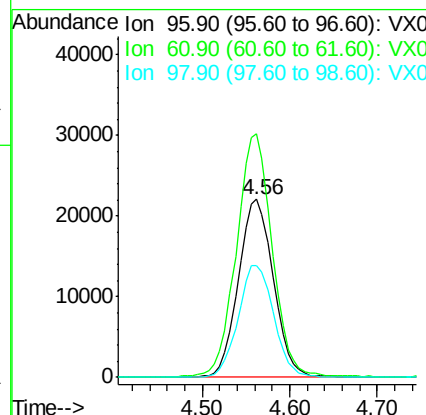
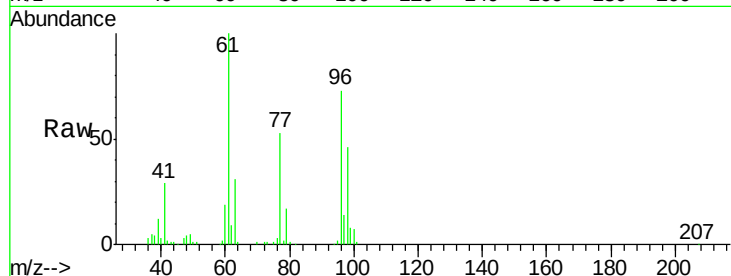


#27

cis-1,2-Dichloroethene
Concen: 20.830 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

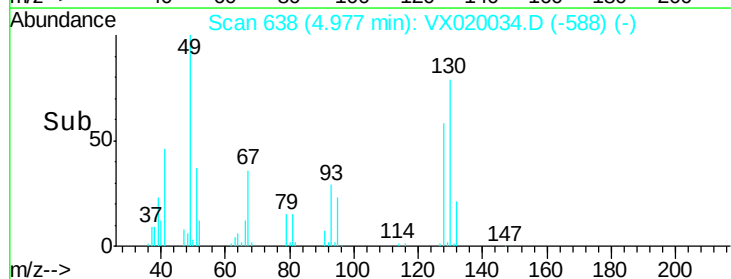
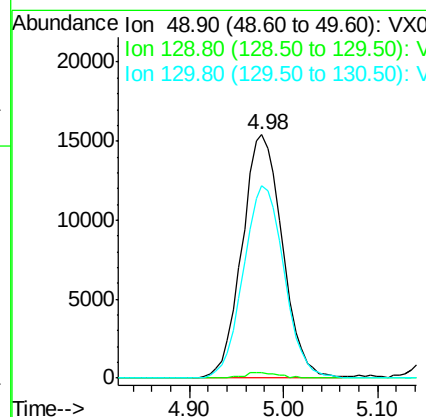
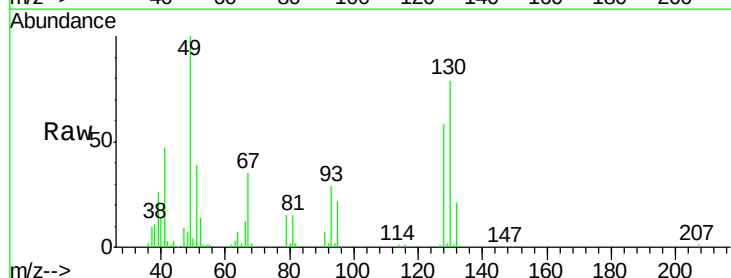
Tgt Ion: 96 Resp: 61546
Ion Ratio Lower Upper
96 100
61 140.6 0.0 285.6
98 64.0 0.0 129.6

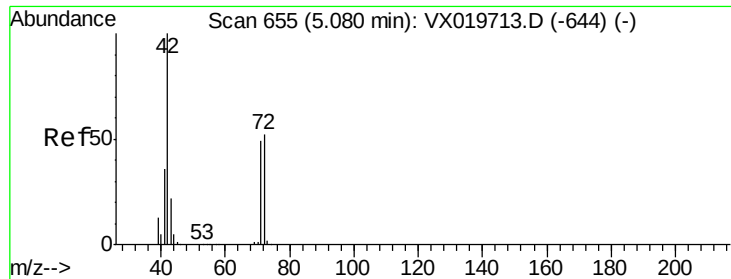


#28

Bromochloromethane
Concen: 21.641 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 49 Resp: 46006
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.0 68.2 102.2

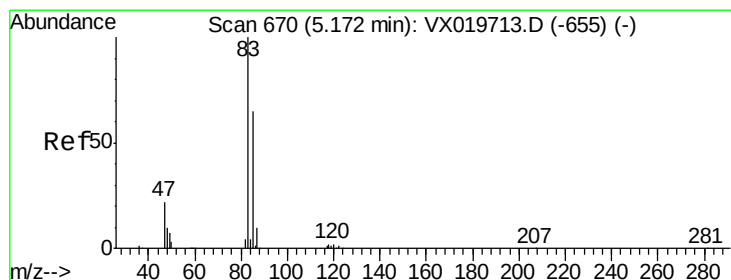
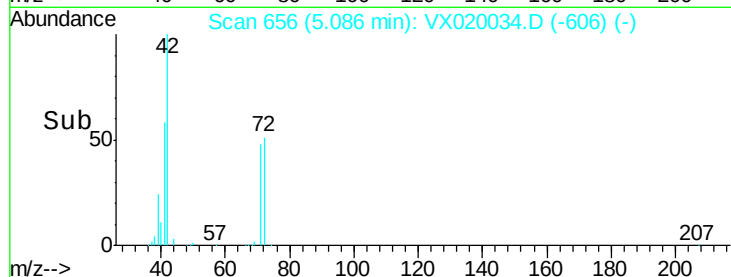
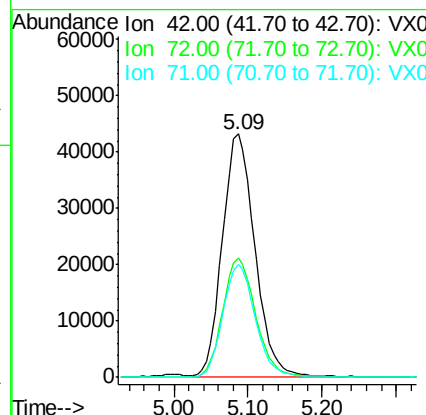
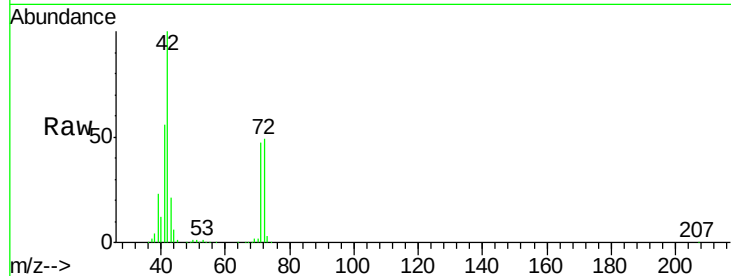




#29
Tetrahydrofuran
Concen: 113.392 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

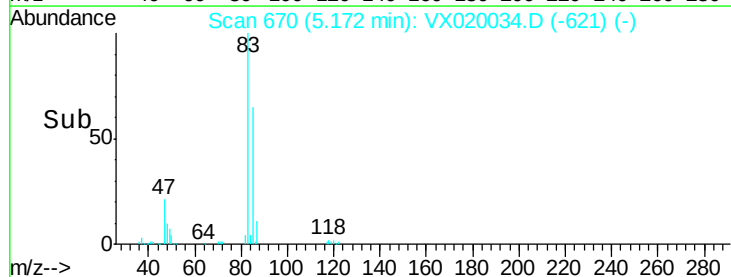
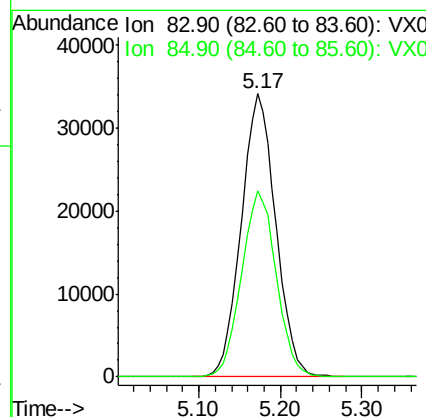
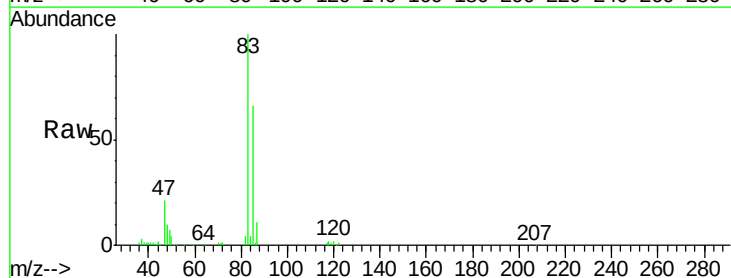
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

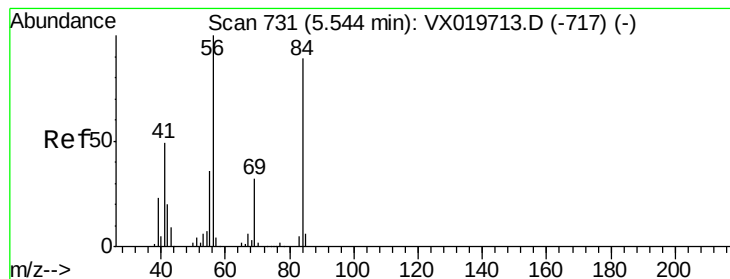
Tgt Ion: 42 Resp: 131083
Ion Ratio Lower Upper
42 100
72 50.3 41.7 62.5
71 46.4 38.4 57.6



#30
Chloroform
Concen: 21.801 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 83 Resp: 99966
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0





#31

Cyclohexane

Concen: 18.387 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

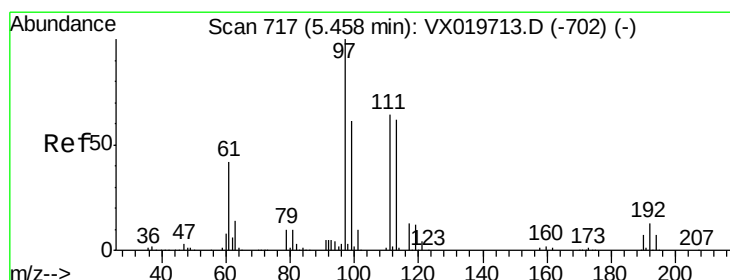
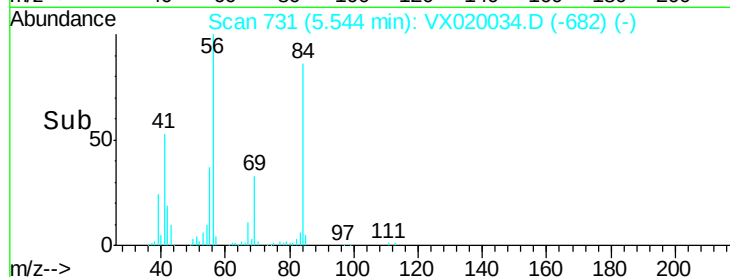
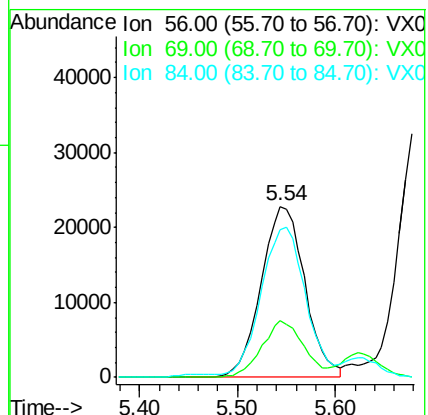
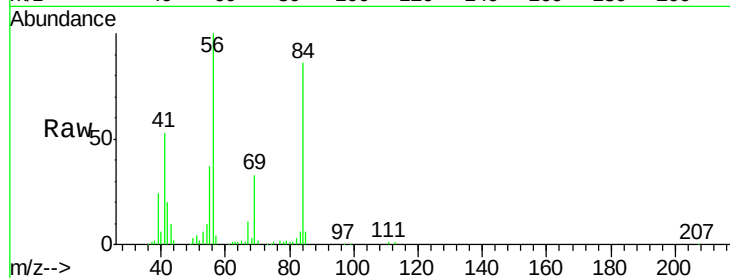
Tgt Ion: 56 Resp: 71052

Ion Ratio Lower Upper

56 100

69 33.3 25.3 37.9

84 84.6 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 20.324 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

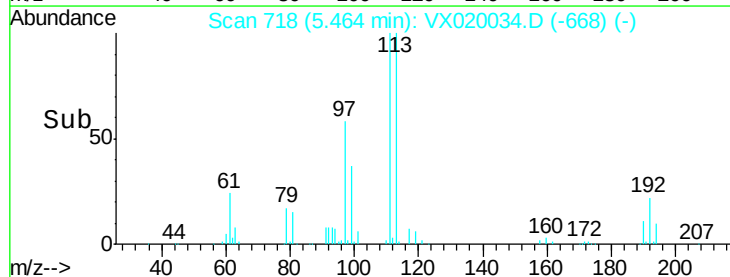
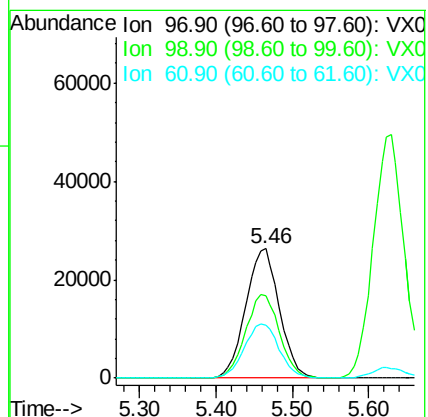
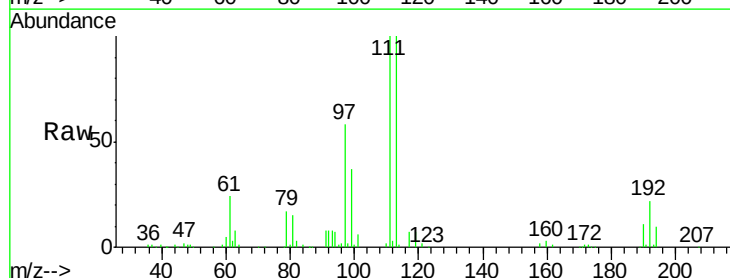
Tgt Ion: 97 Resp: 80255

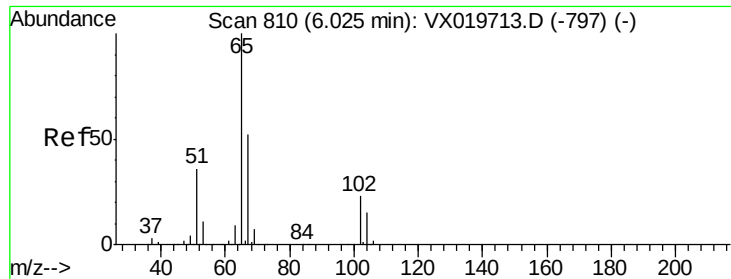
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 43.4 34.2 51.4

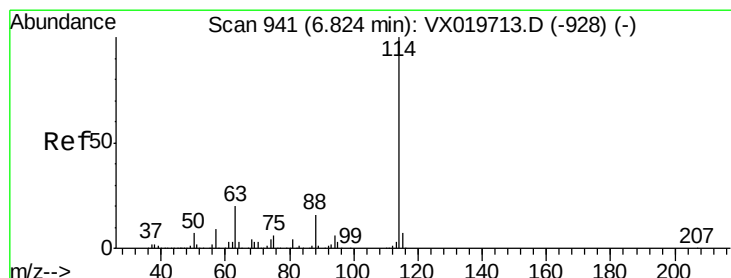
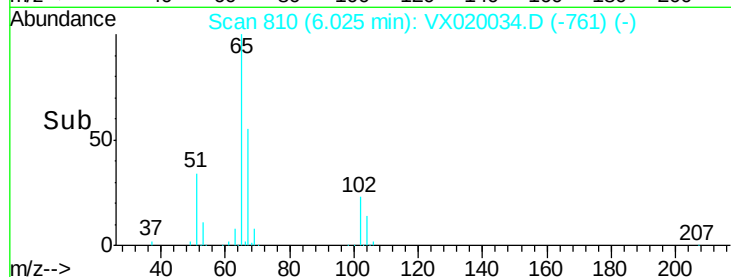
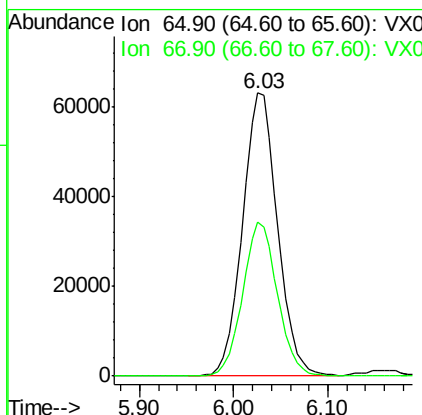
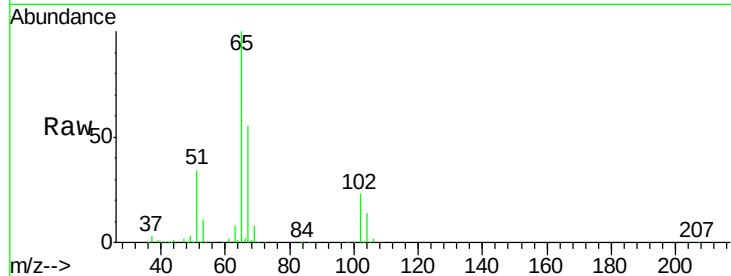




#33
 1,2-Dichloroethane-d4
 Concen: 52.805 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

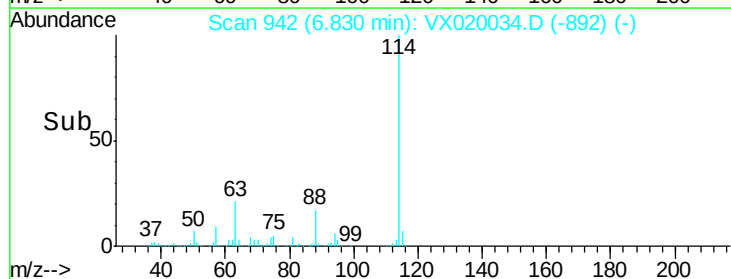
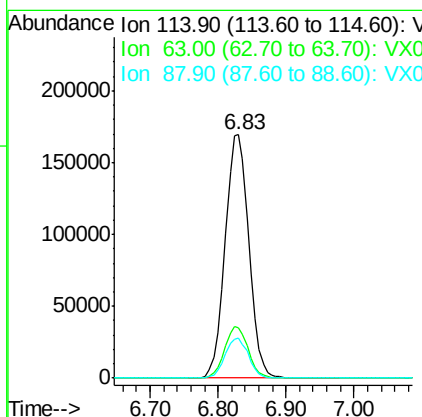
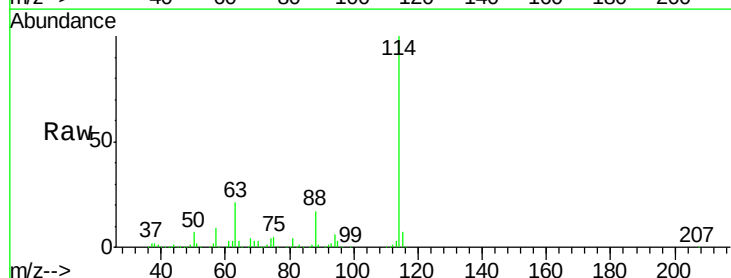
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

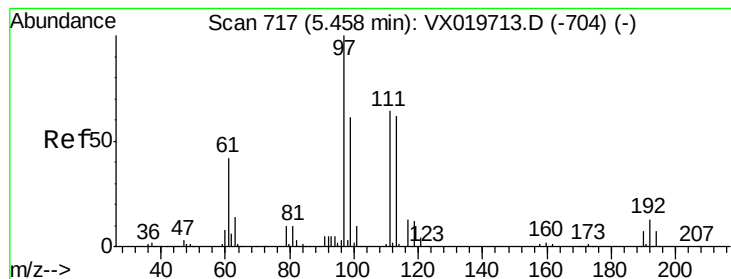
Tgt Ion: 65 Resp: 164043
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 114 Resp: 407965
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.934 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

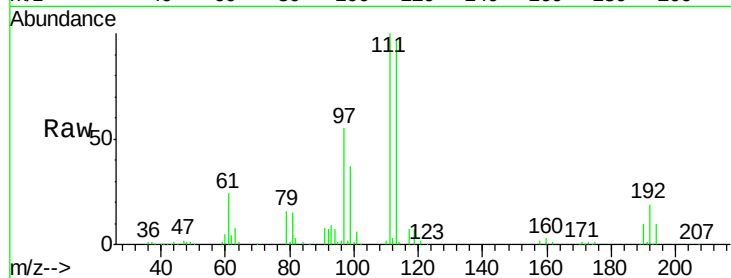
Tgt Ion:113 Resp: 131656

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

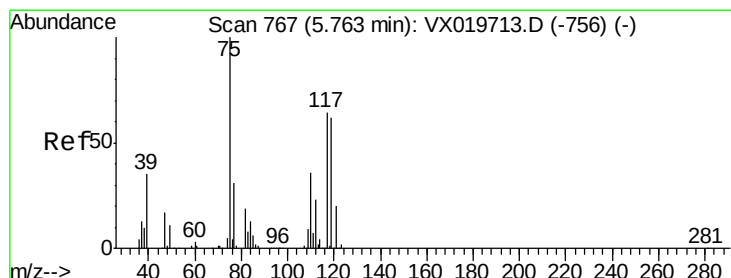
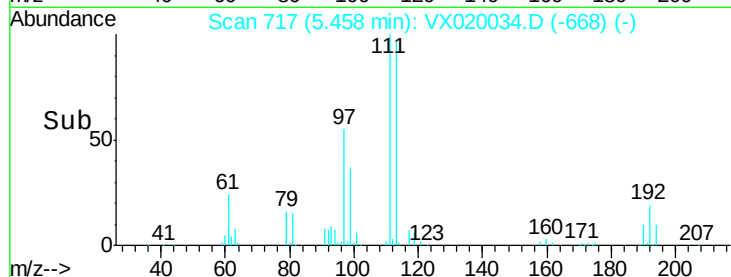
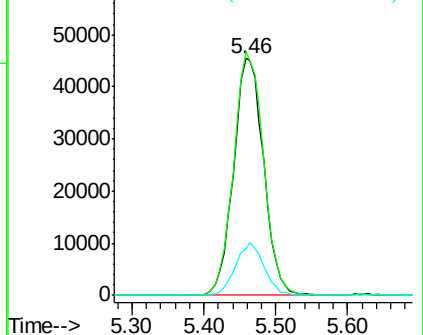
192 21.0 16.7 25.1



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: 17.853 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

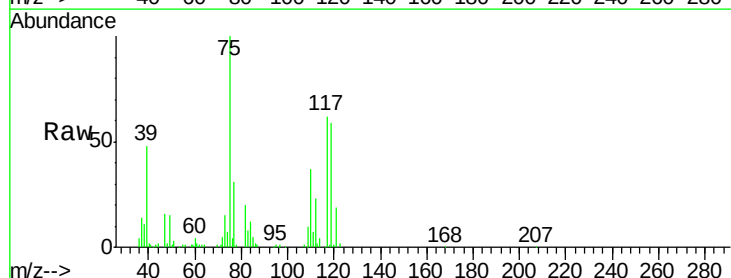
Tgt Ion: 75 Resp: 65814

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

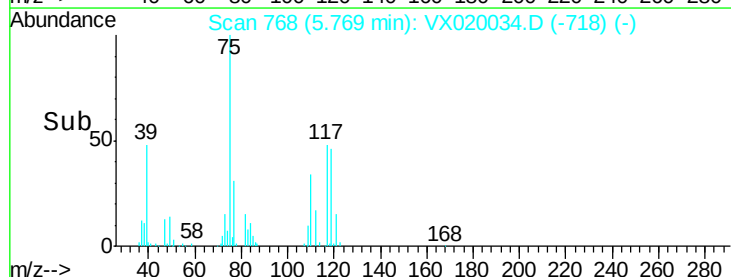
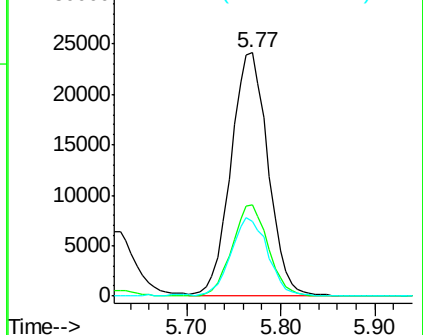
77 32.0 25.3 37.9

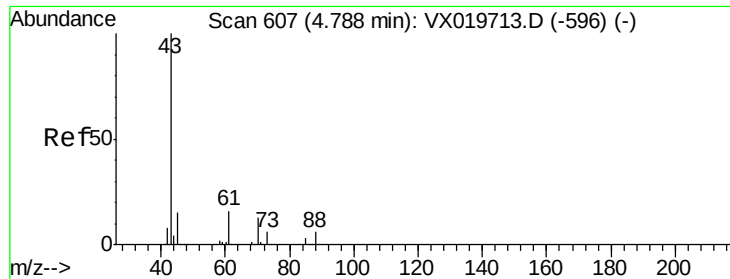


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

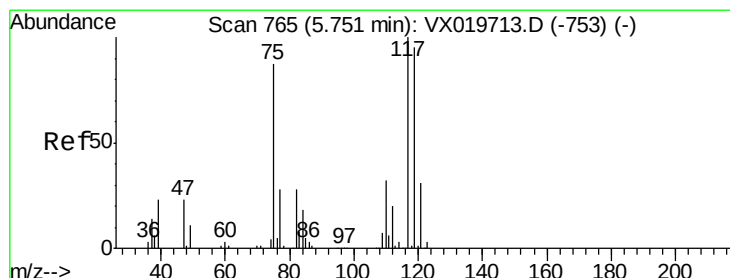
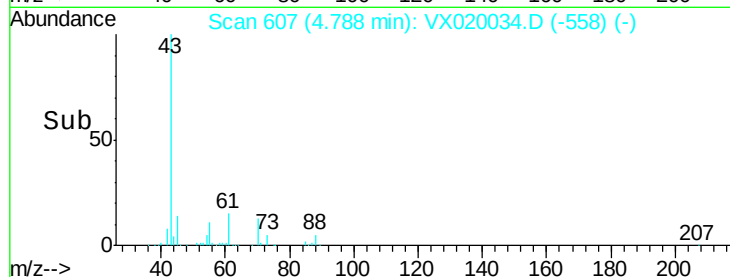
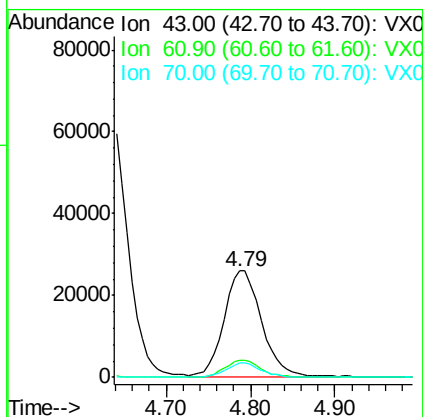
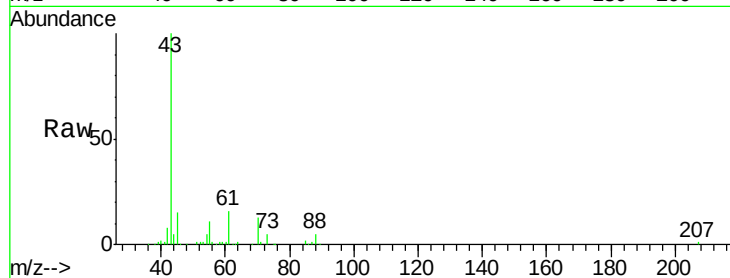




#37
Ethyl Acetate
Concen: 20.880 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

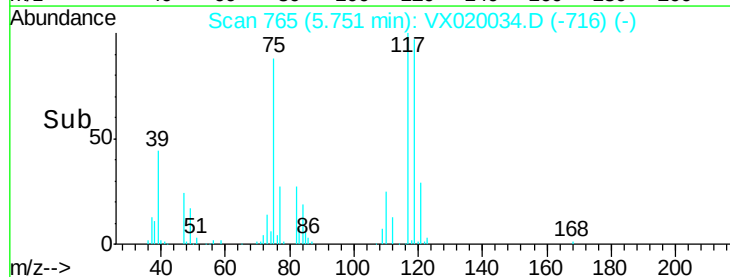
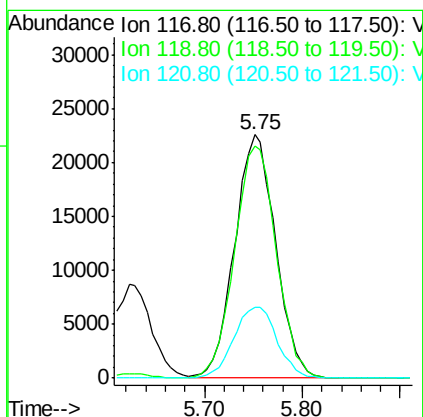
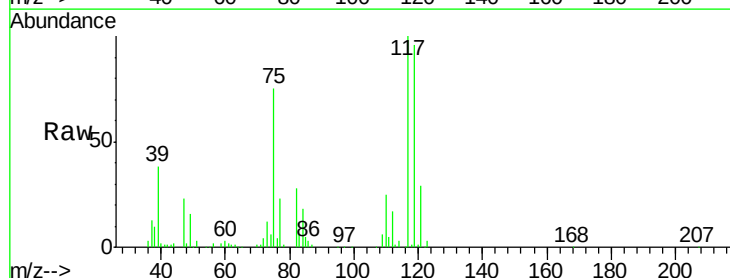
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

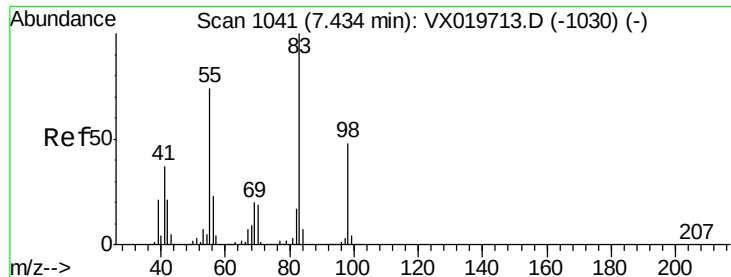
Tgt Ion: 43 Resp: 77718
Ion Ratio Lower Upper
43 100
61 15.6 12.8 19.2
70 12.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.164 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 117 Resp: 65574
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 29.1 24.8 37.2

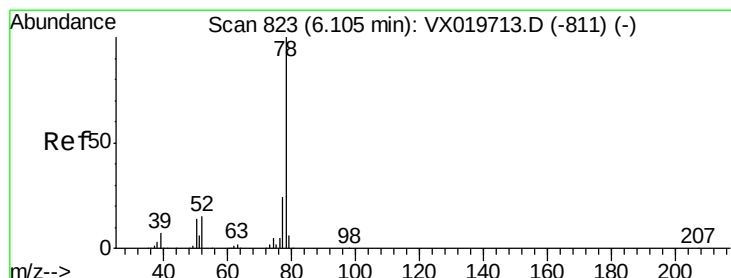
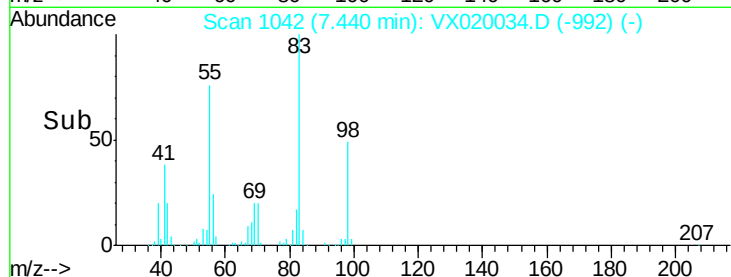
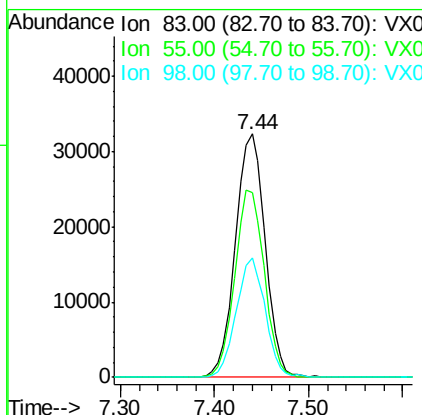
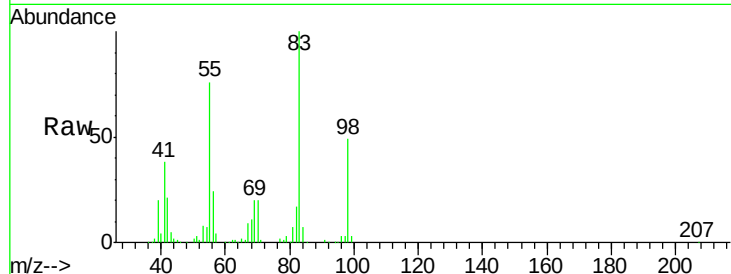




#39
Methylcyclohexane
Concen: 16.420 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

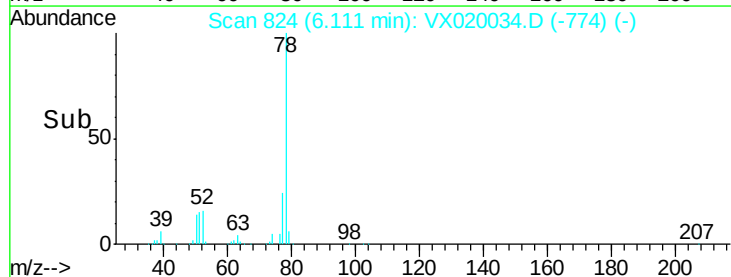
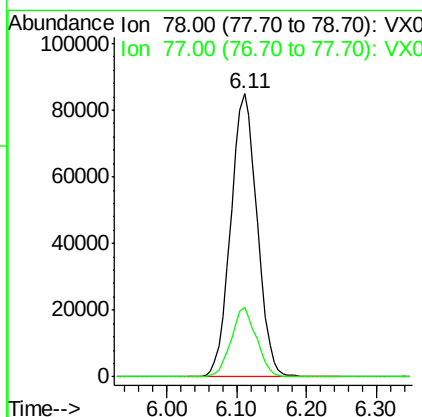
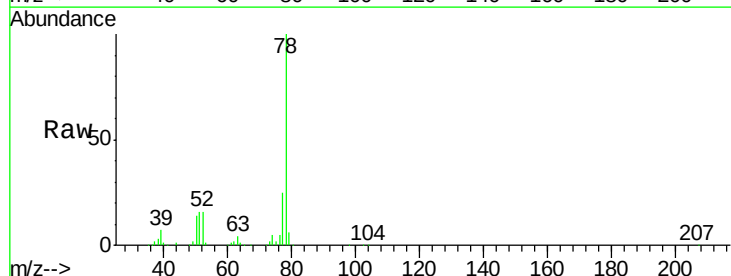
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

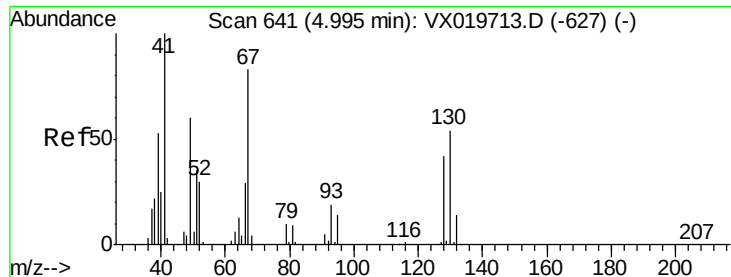
Tgt Ion: 83 Resp: 71119
Ion Ratio Lower Upper
83 100
55 75.7 58.9 88.3
98 48.9 38.1 57.1



#40
Benzene
Concen: 19.723 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 78 Resp: 222104
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

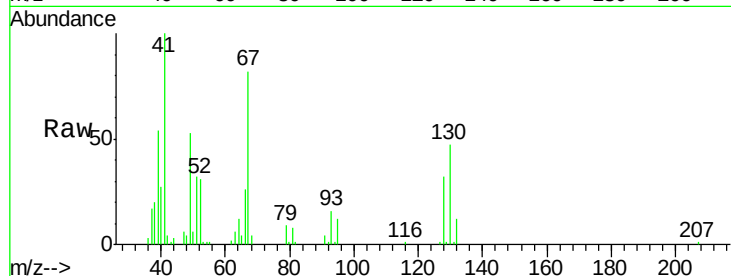




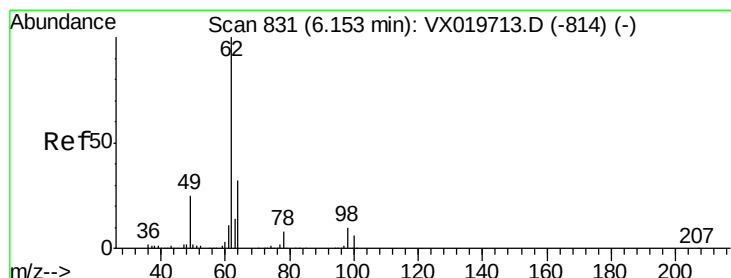
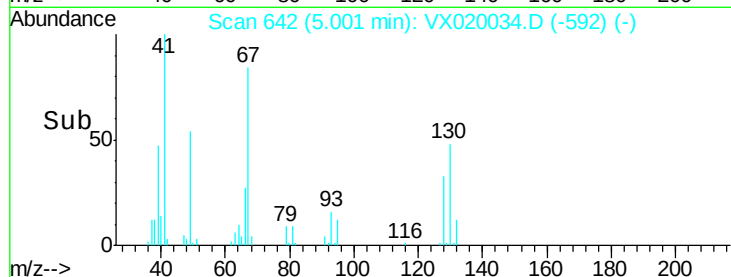
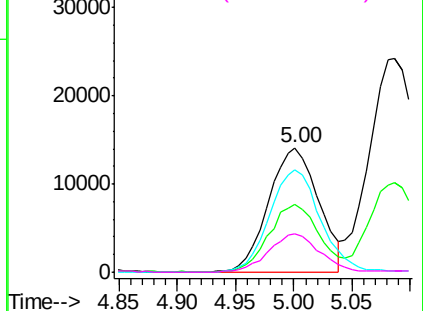
#41
Methacrylonitrile
Concen: 20.628 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

Tgt Ion:	41	Resp:	42155
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.5	63.7
67	84.2	65.0	97.6
52	32.6	25.3	37.9

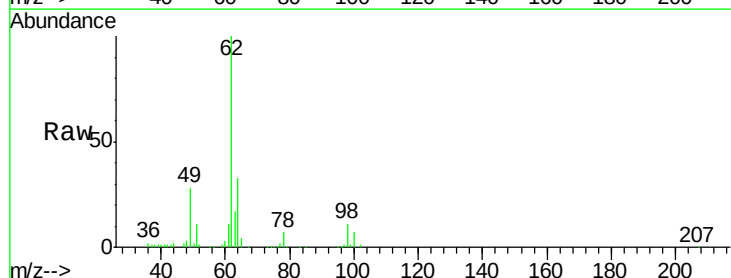


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

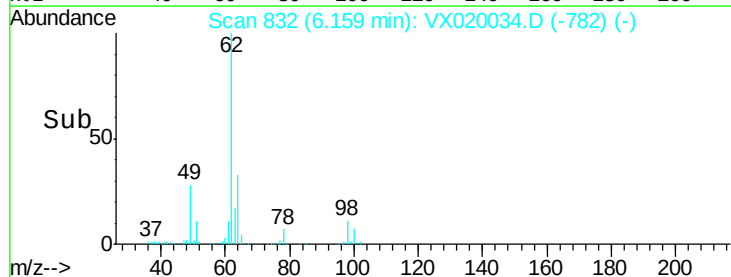
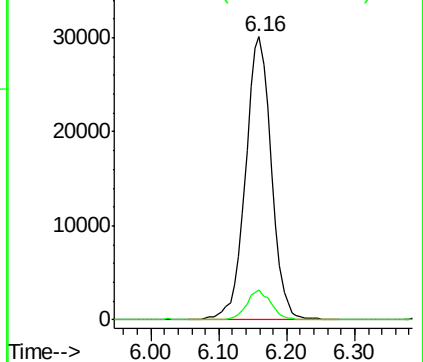


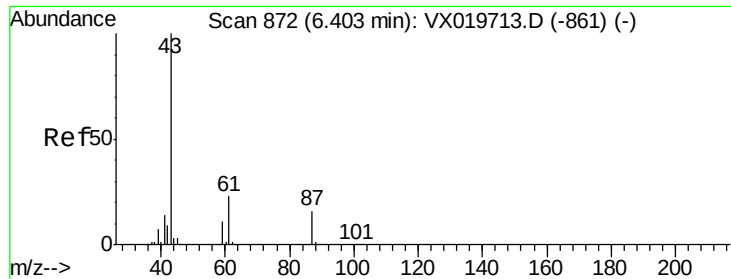
#42
1,2-Dichloroethane
Concen: 20.727 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion:	62	Resp:	79748
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2



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

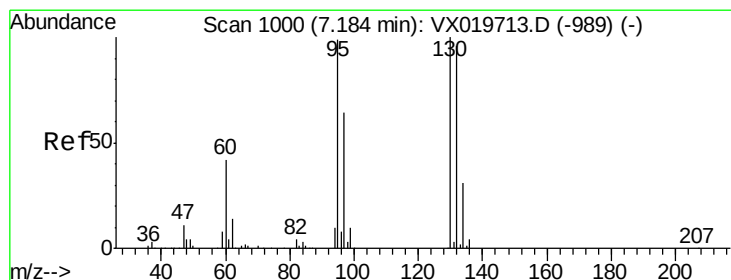
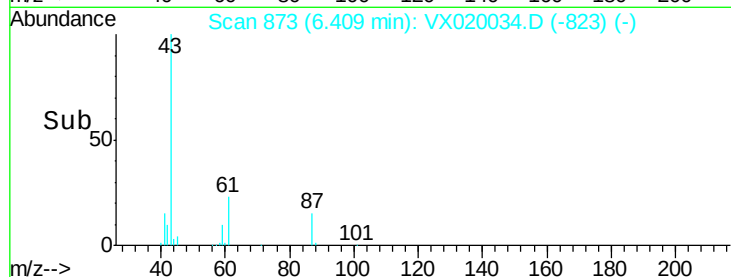
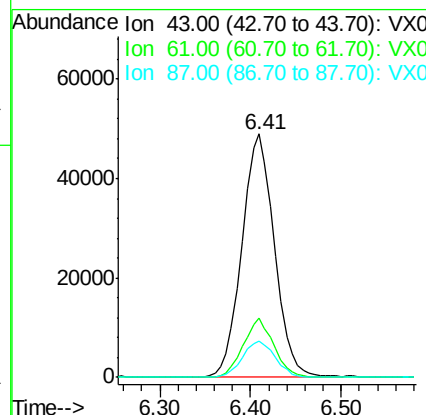
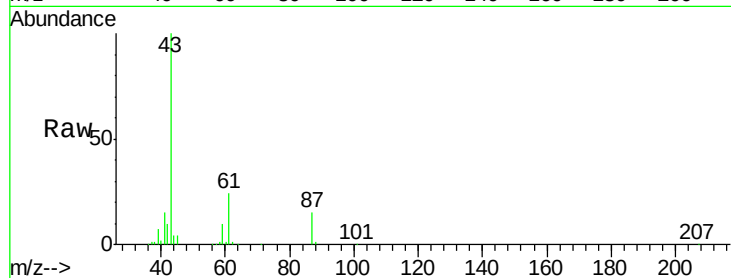




#43
Isopropyl Acetate
Concen: 19.979 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

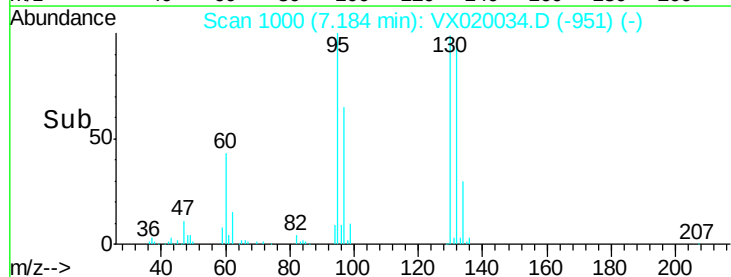
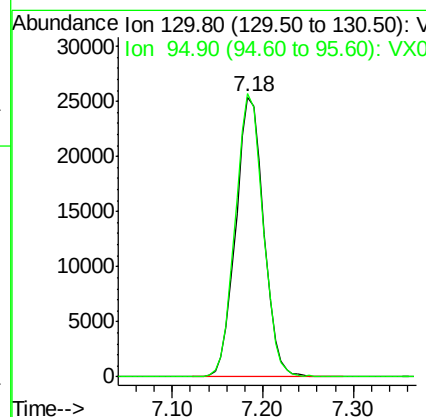
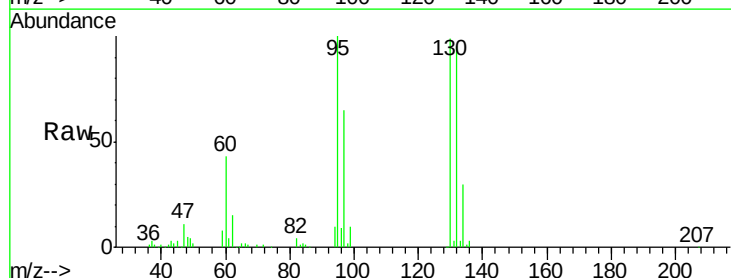
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

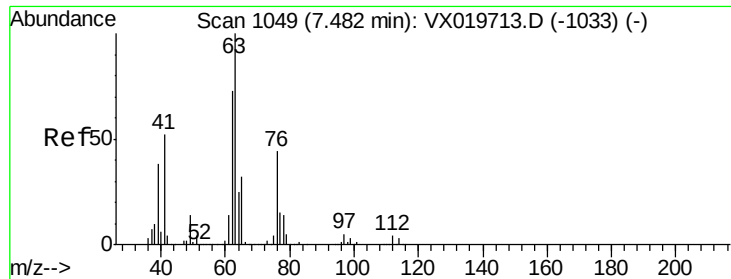
Tgt Ion: 43 Resp: 120901
Ion Ratio Lower Upper
43 100
61 23.0 18.2 27.4
87 15.0 12.5 18.7



#44
Trichloroethene
Concen: 18.371 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 130 Resp: 54281
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0

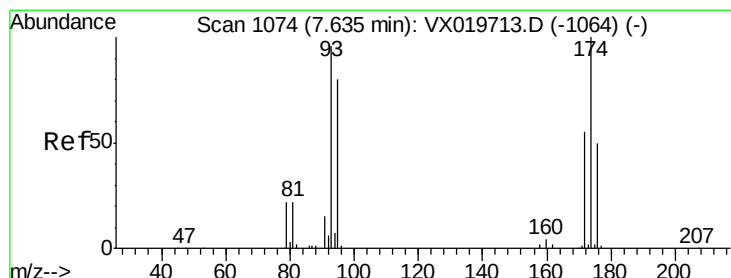
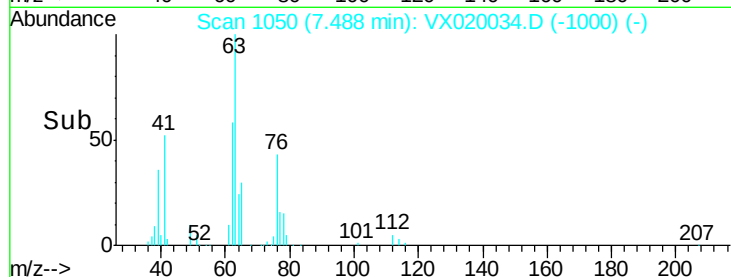
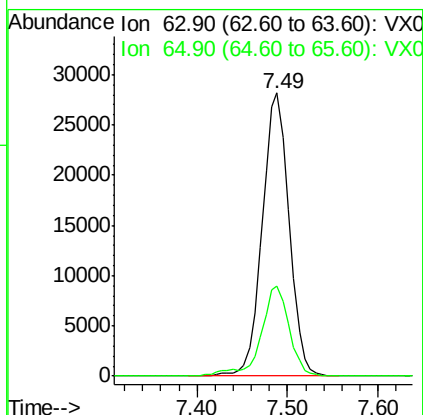
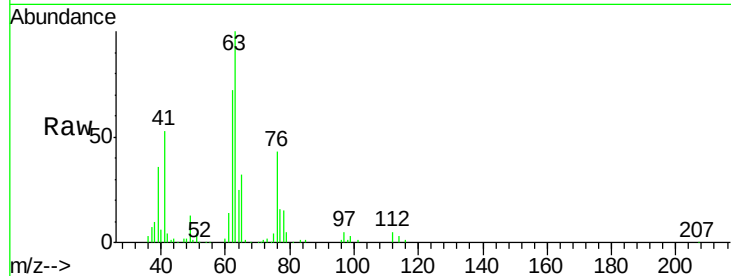




#45
 1,2-Dichloropropane
 Concen: 20.496 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

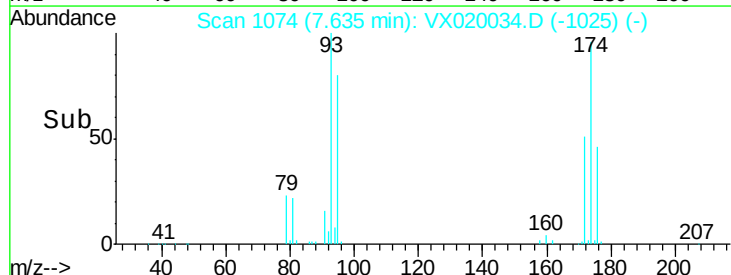
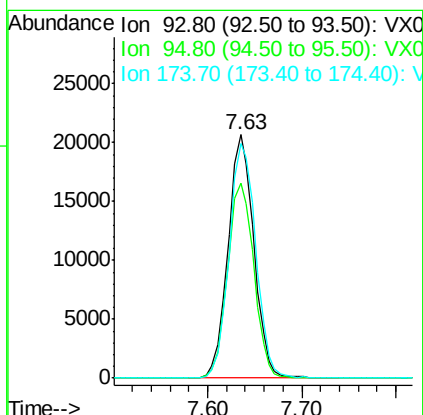
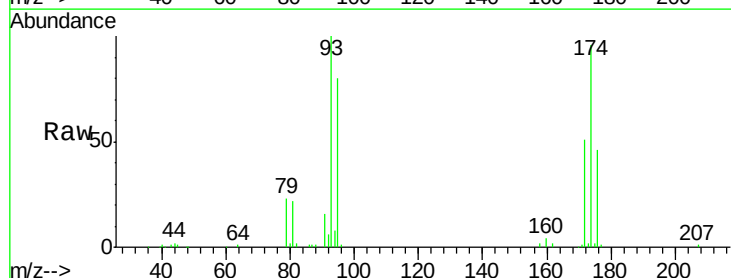
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

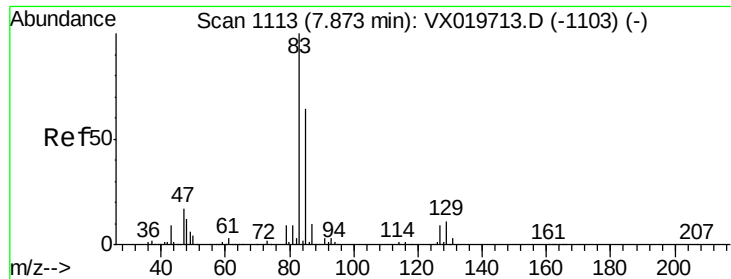
Tgt Ion: 63 Resp: 57686
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5



#46
 Dibromomethane
 Concen: 20.657 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 93 Resp: 39262
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.8 100.2
 174 99.2 83.1 124.7

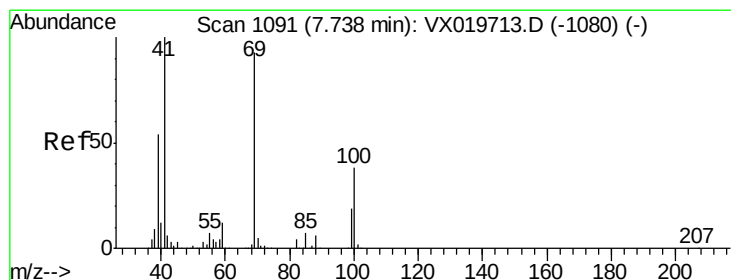
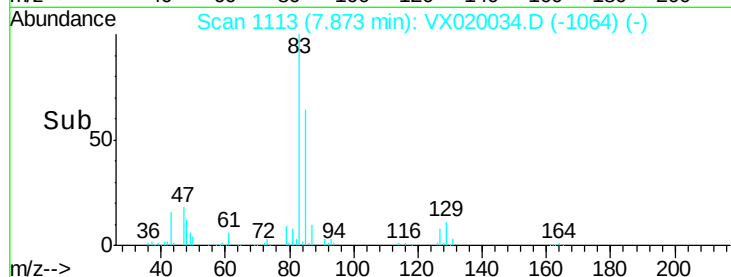
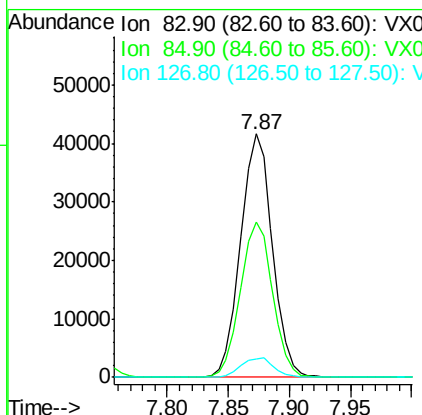
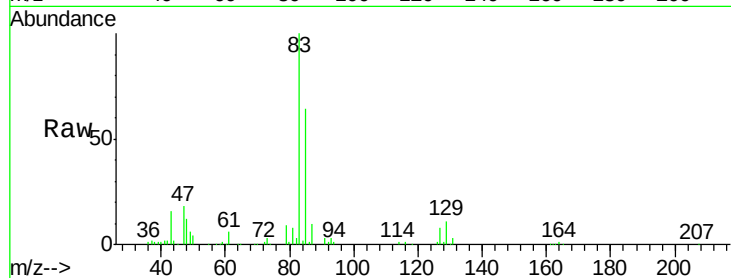




#47
Bromodichloromethane
Concen: 19.940 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

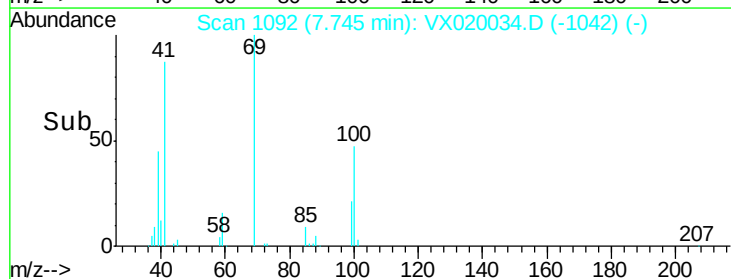
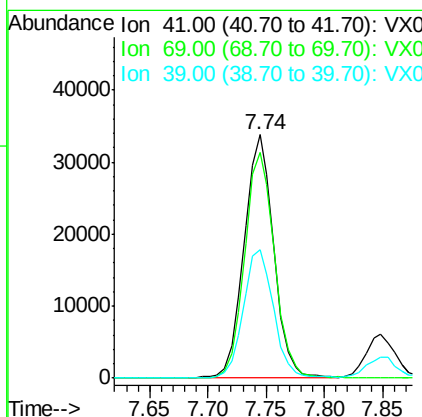
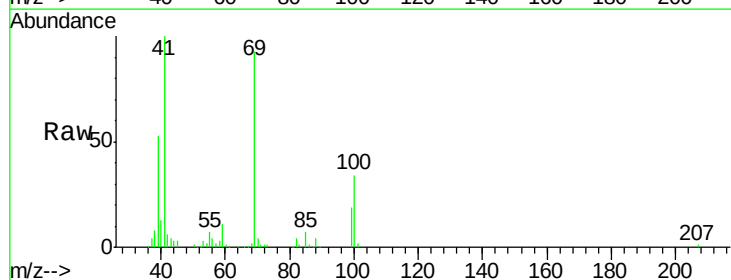
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

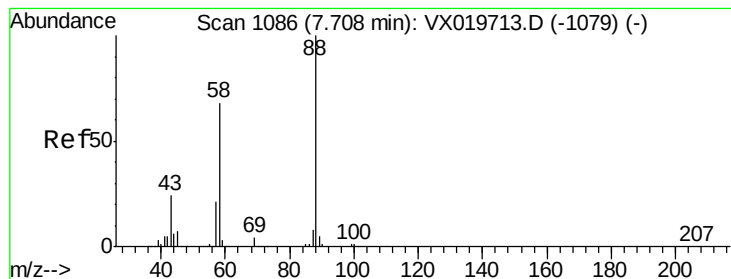
Tgt Ion: 83 Resp: 75204
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 20.229 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 41 Resp: 60205
Ion Ratio Lower Upper
41 100
69 93.3 76.0 114.0
39 53.8 44.6 67.0





#49

1,4-Dioxane

Concen: 401.045 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

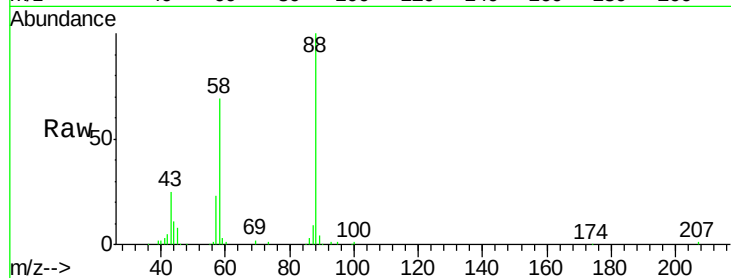
Tgt Ion: 88 Resp: 28914

Ion Ratio Lower Upper

88 100

43 30.0 23.2 34.8

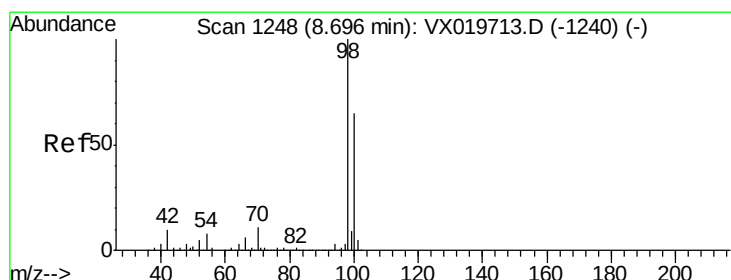
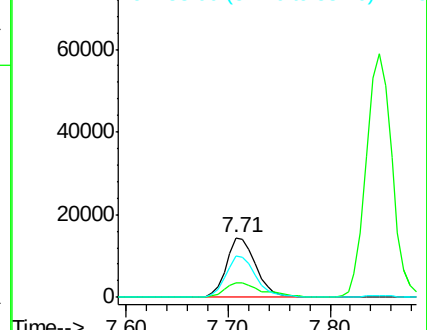
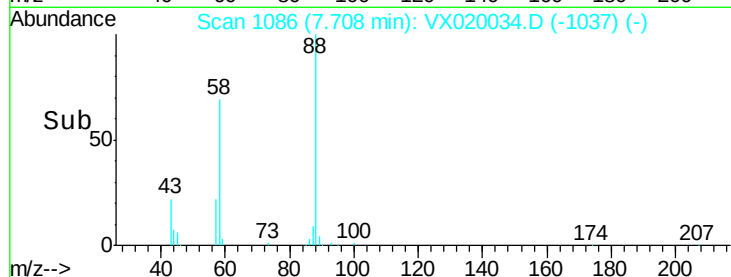
58 70.2 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.906 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX020034.D

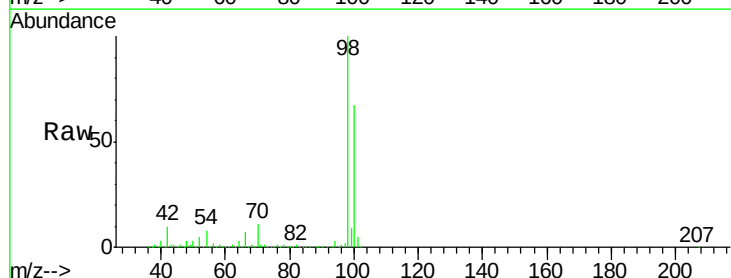
Acq: 16 Dec 2020 00:42

Tgt Ion: 98 Resp: 492286

Ion Ratio Lower Upper

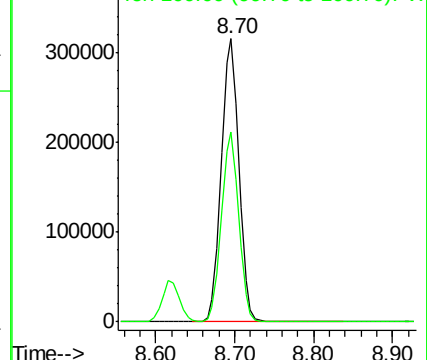
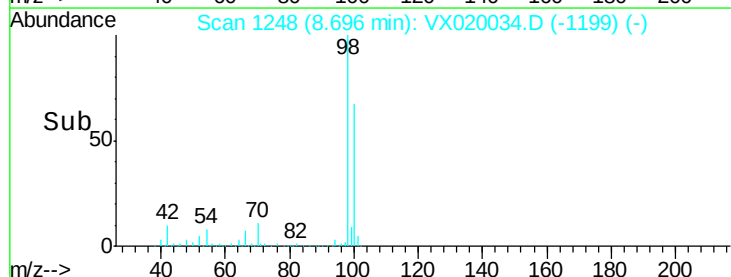
98 100

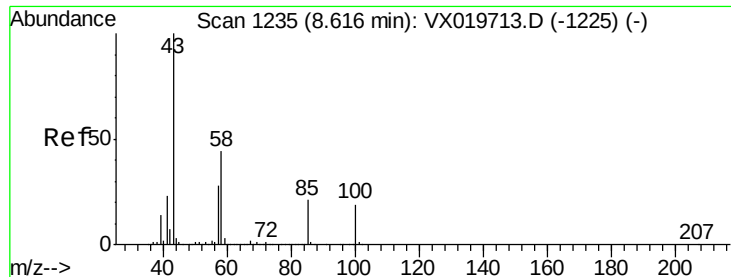
100 66.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

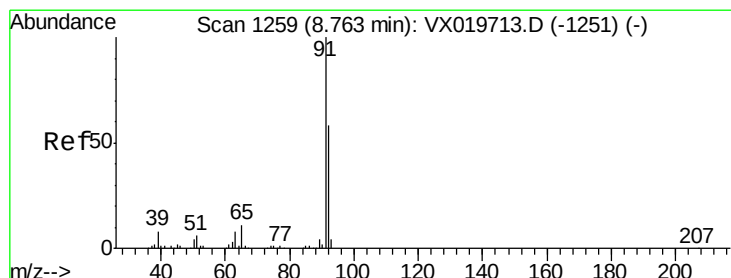
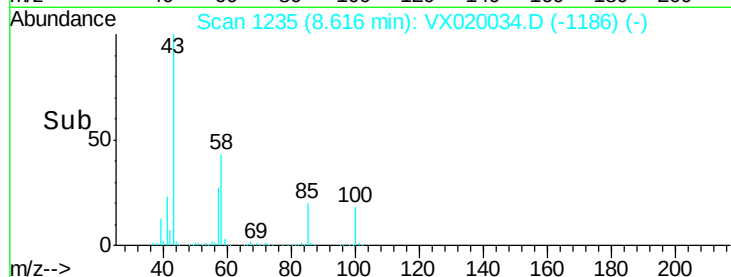
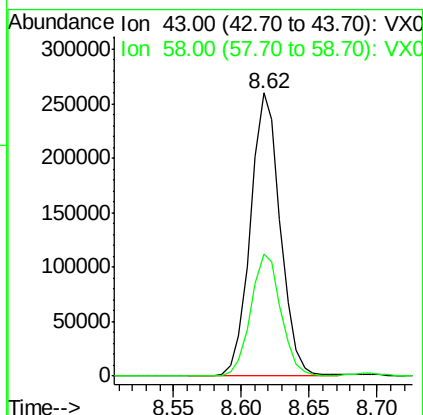
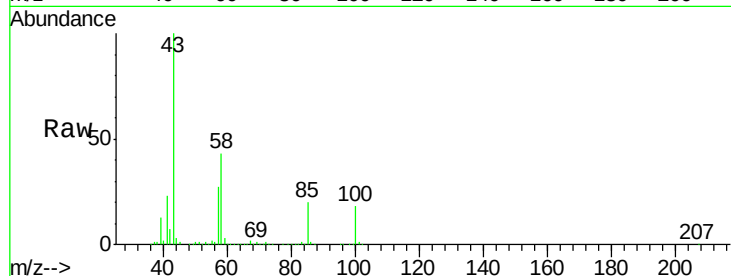




#51
 4-Methyl-2-Pentanone
 Concen: 108.126 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

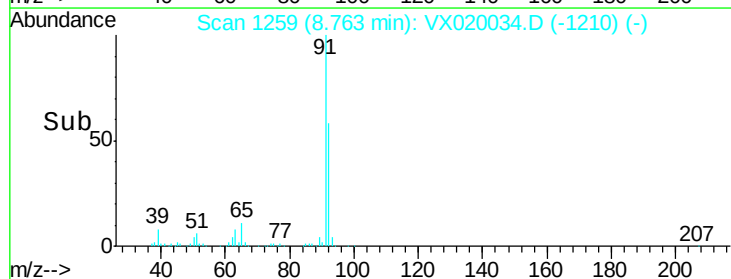
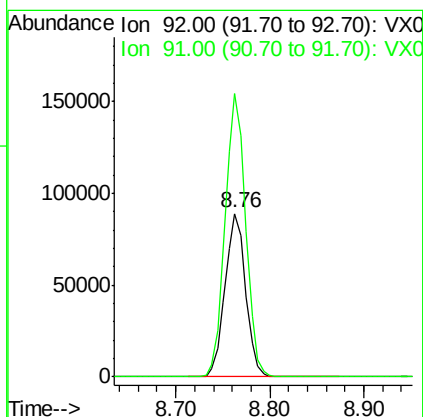
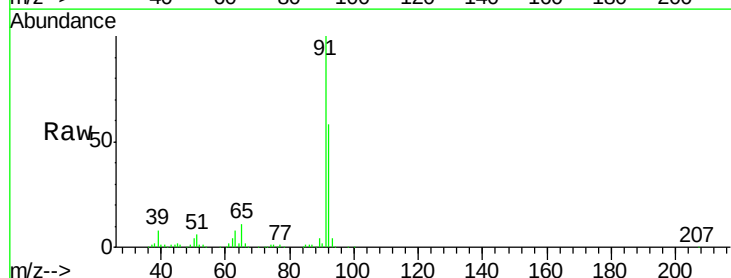
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

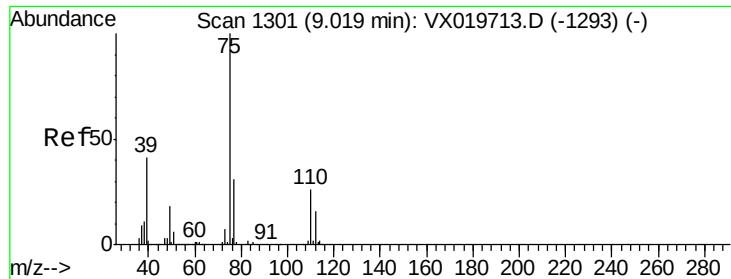
Tgt Ion: 43 Resp: 399483
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.4 53.0



#52
 Toluene
 Concen: 19.129 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 92 Resp: 134728
 Ion Ratio Lower Upper
 92 100
 91 173.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.683 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

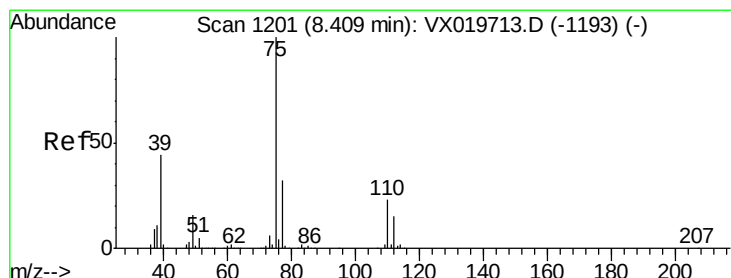
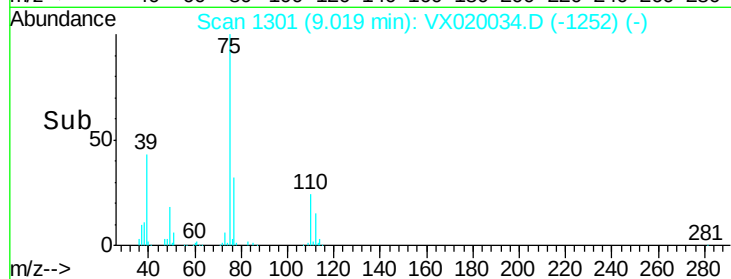
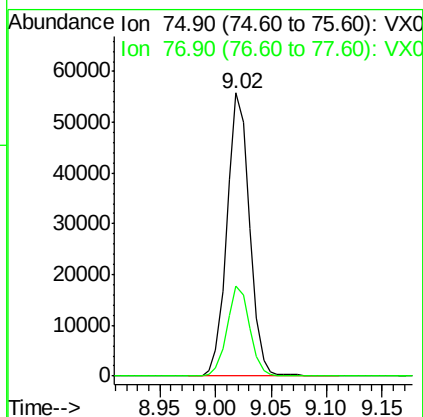
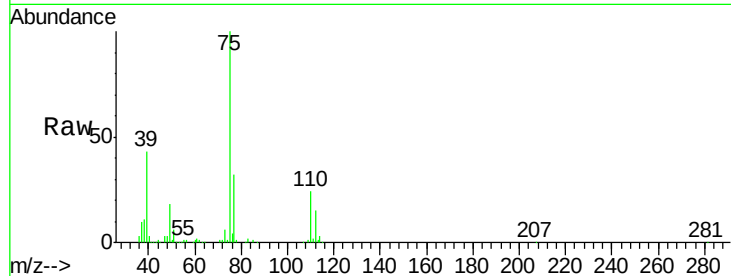
VX1215WBS02

Tgt Ion: 75 Resp: 78192

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.133 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

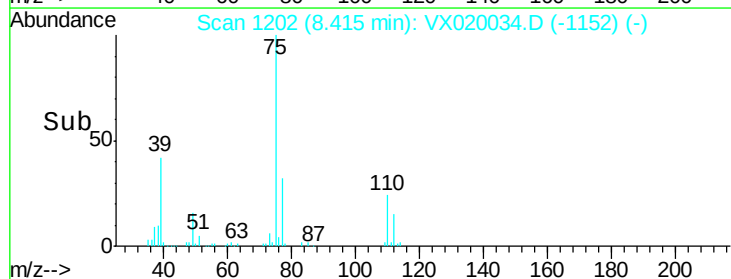
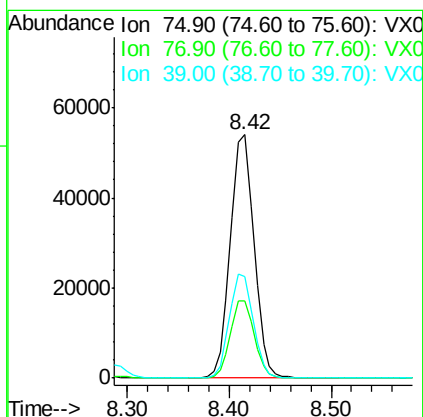
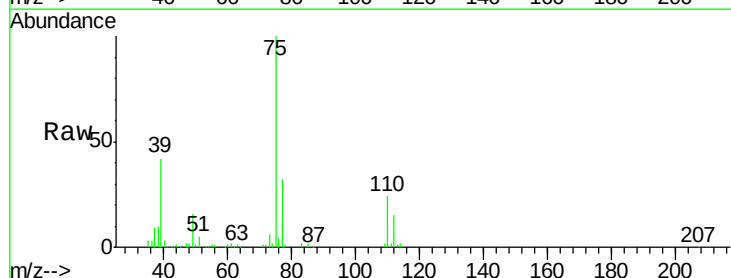
Tgt Ion: 75 Resp: 86994

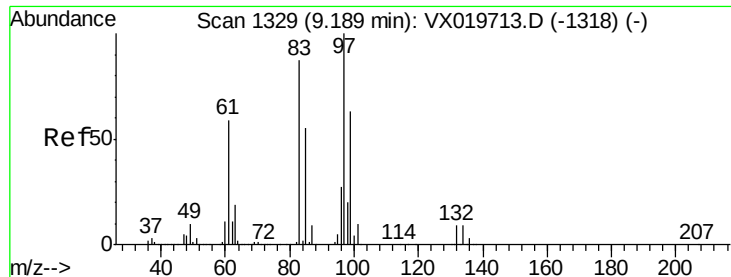
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 41.9 35.1 52.7

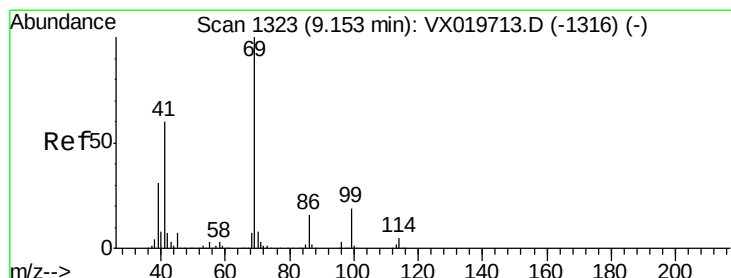
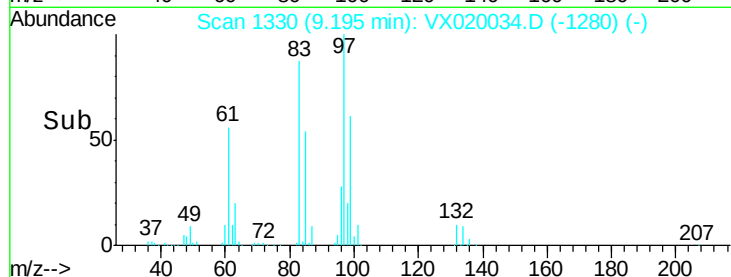
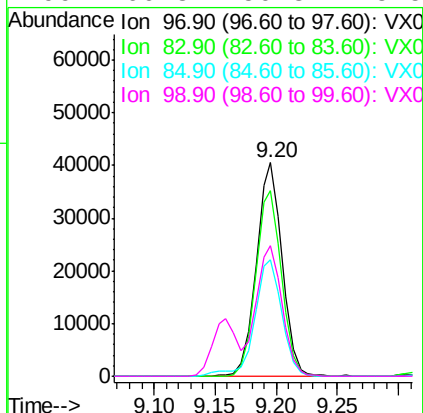
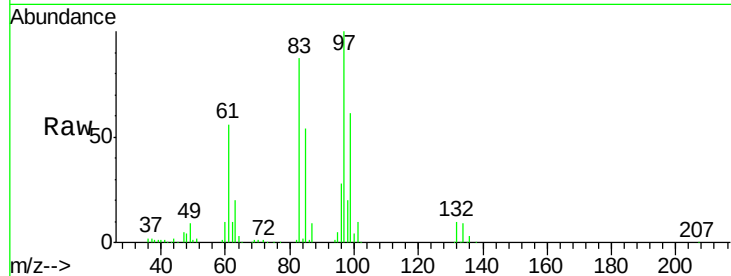




#55
 1,1,2-Trichloroethane
 Concen: 20.969 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

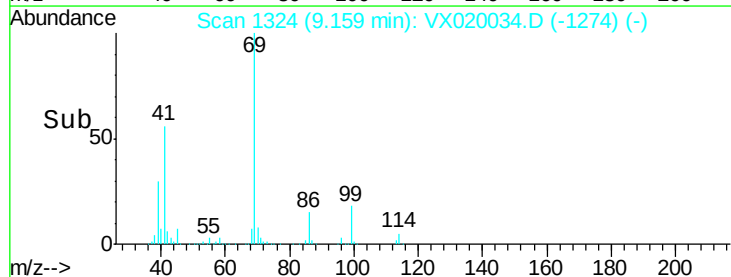
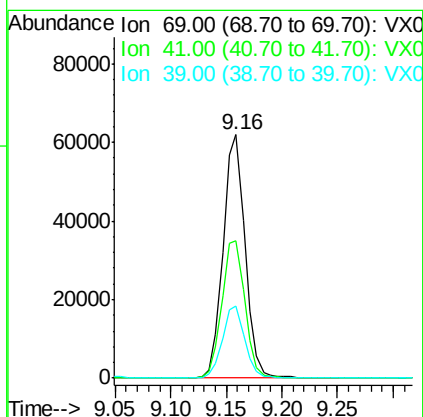
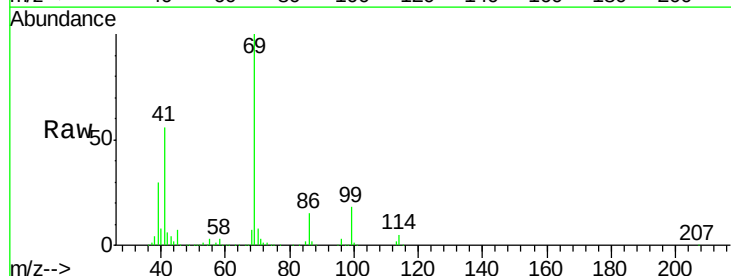
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

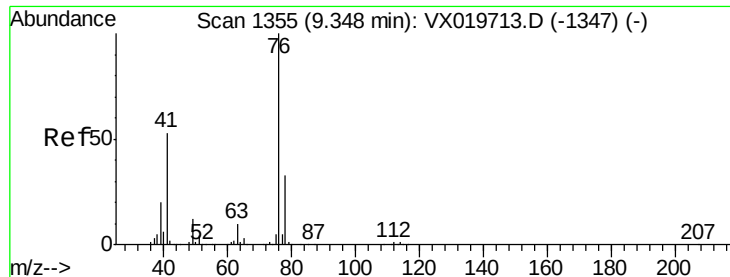
Tgt Ion:	97	Resp:	59518
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.3	103.9
85	54.5	44.3	66.5
99	60.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.769 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion:	69	Resp:	84892
Ion	Ratio	Lower	Upper
69	100		
41	59.4	46.8	70.2
39	30.1	24.7	37.1

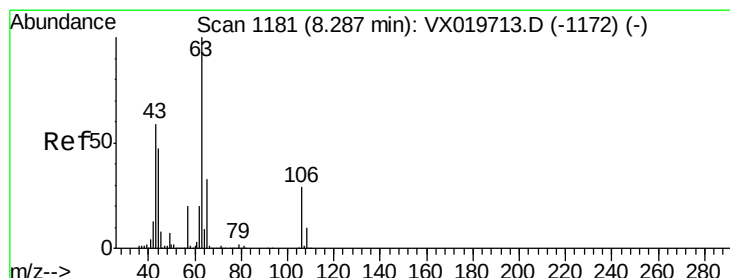
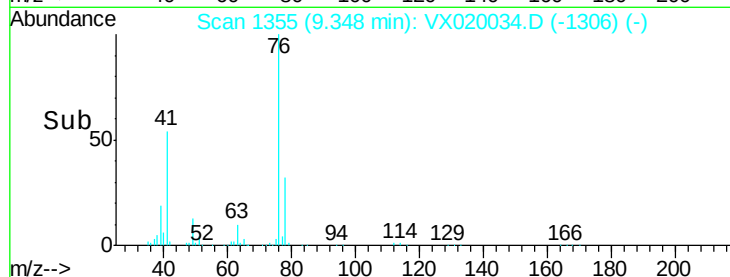
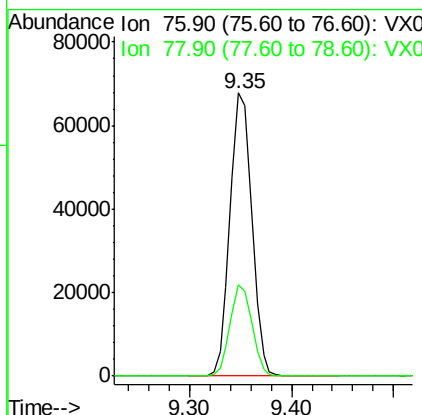
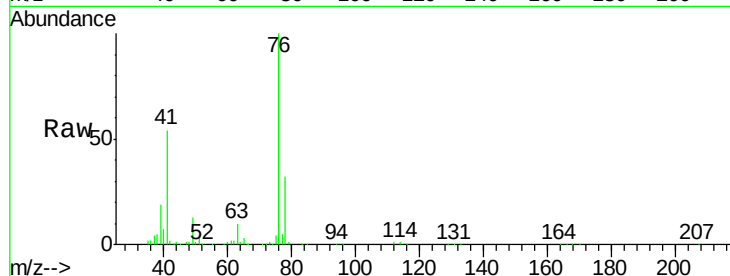




#57
 1,3-Dichloropropane
 Concen: 20.689 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

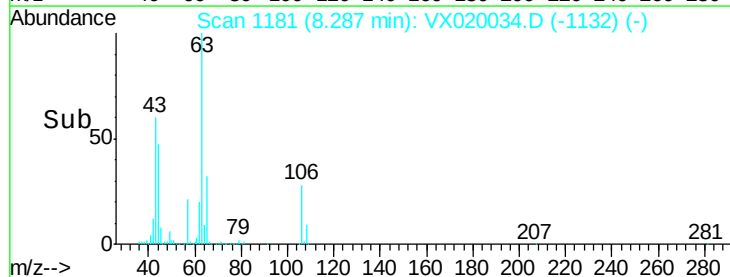
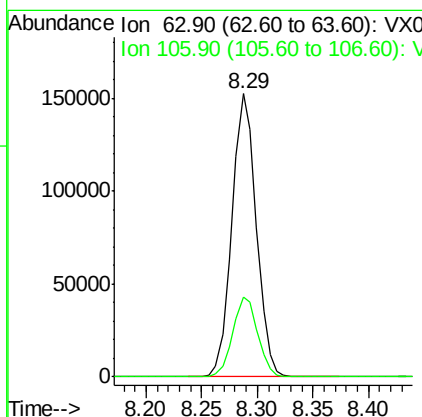
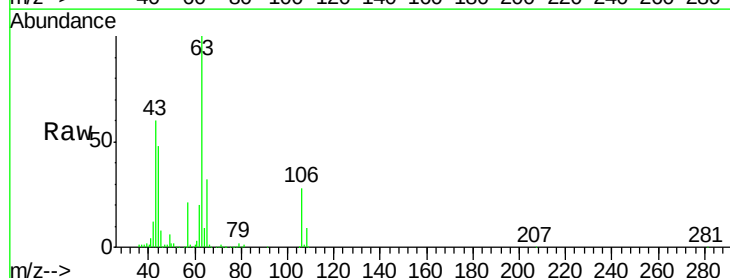
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

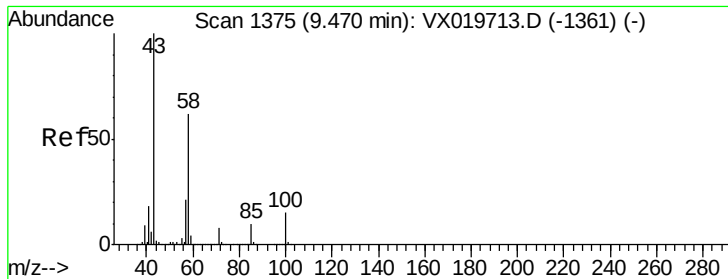
Tgt Ion: 76 Resp: 100269
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.605 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 63 Resp: 231145
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3

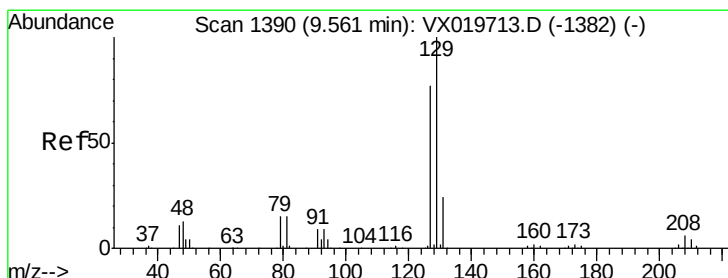
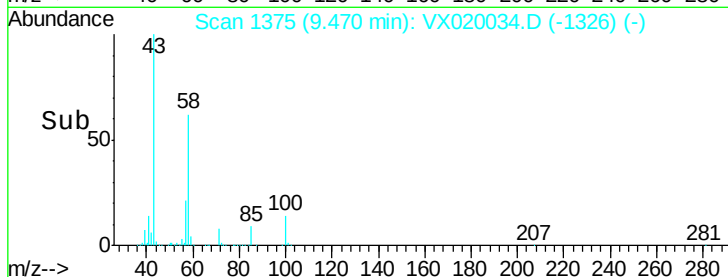
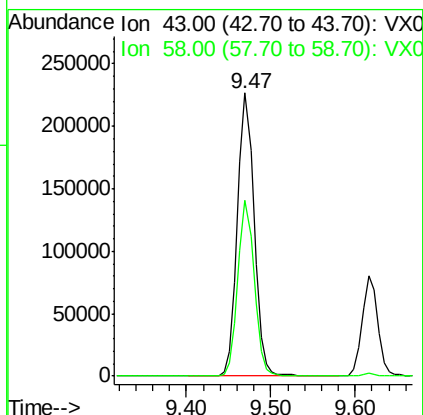
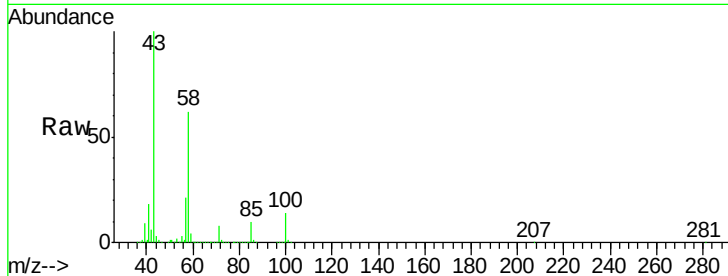




#59
2-Hexanone
Concen: 104.638 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

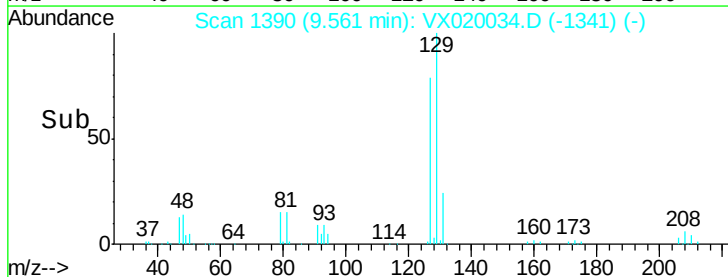
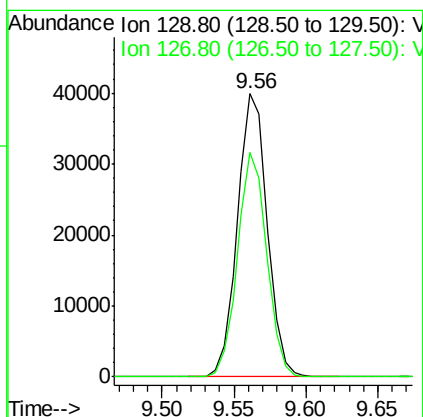
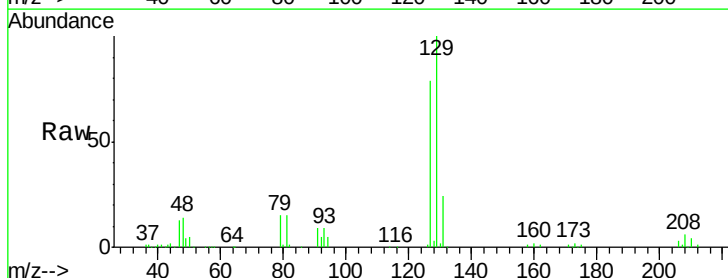
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

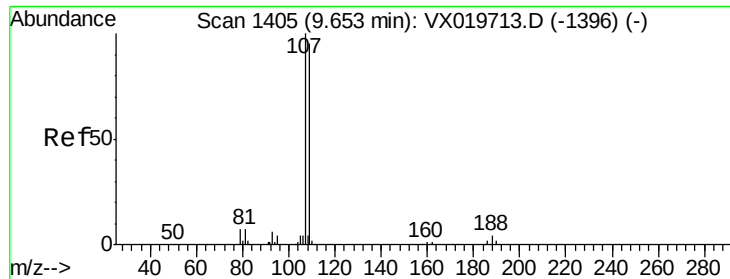
Tgt Ion: 43 Resp: 299662
Ion Ratio Lower Upper
43 100
58 60.8 30.9 92.8



#60
Dibromochloromethane
Concen: 19.890 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 129 Resp: 57358
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

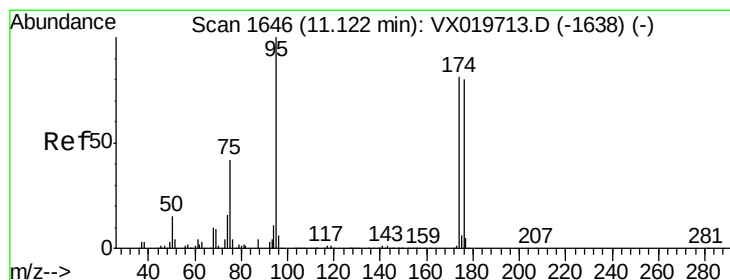
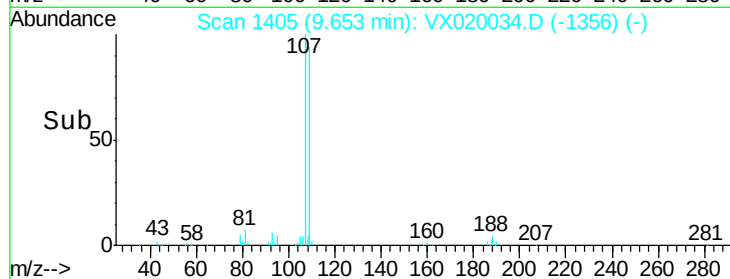
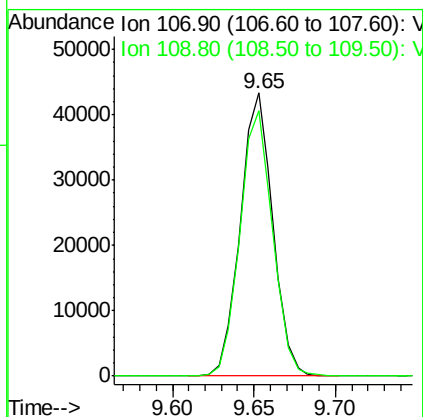
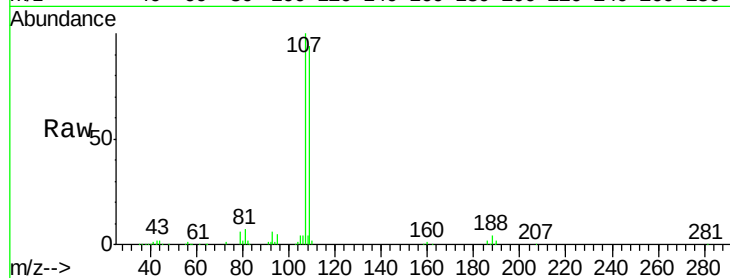




#61
 1,2-Dibromoethane
 Concen: 19.945 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

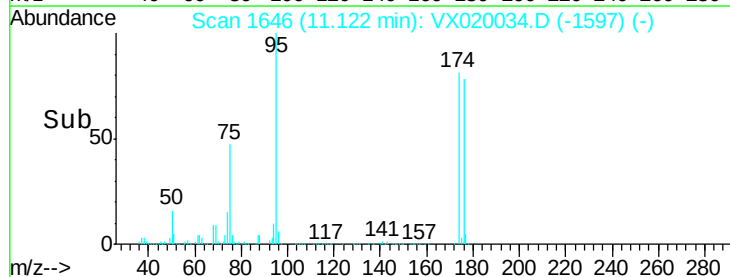
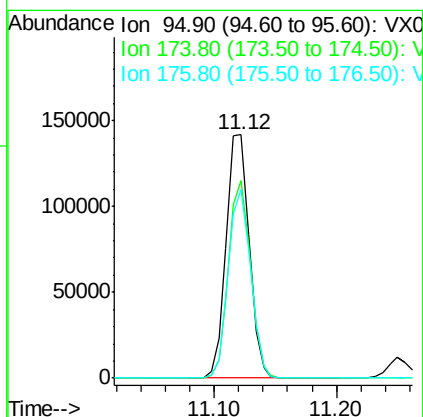
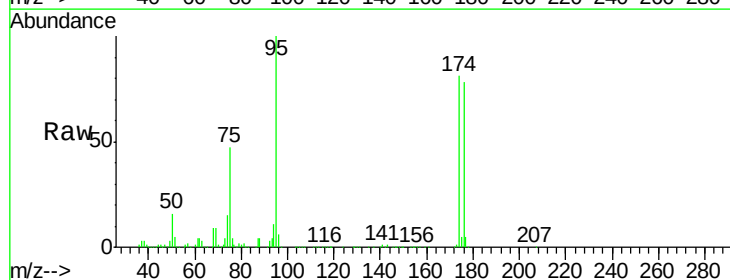
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

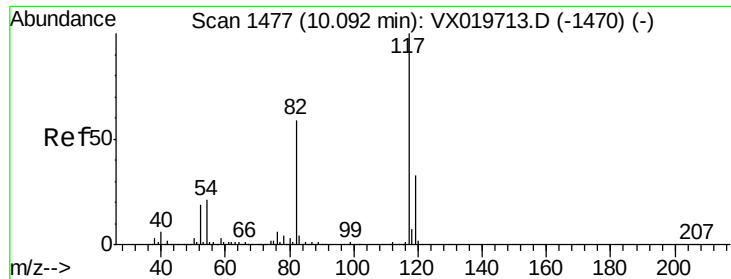
Tgt Ion: 107 Resp: 60114
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.313 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 95 Resp: 185097
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 154.6
 176 75.3 0.0 155.8

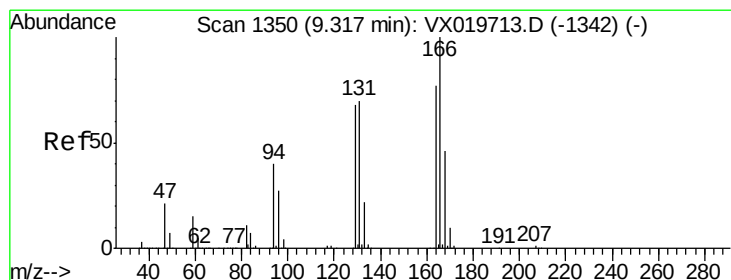
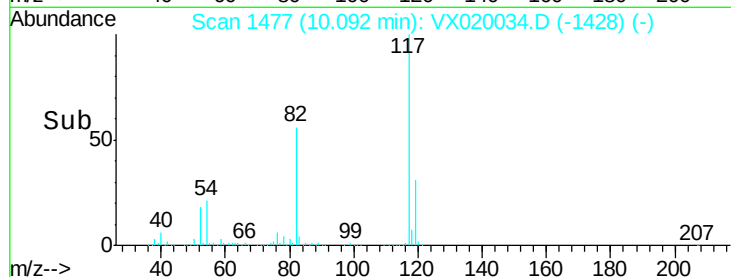
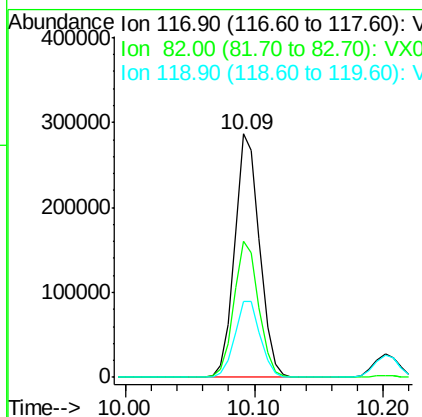
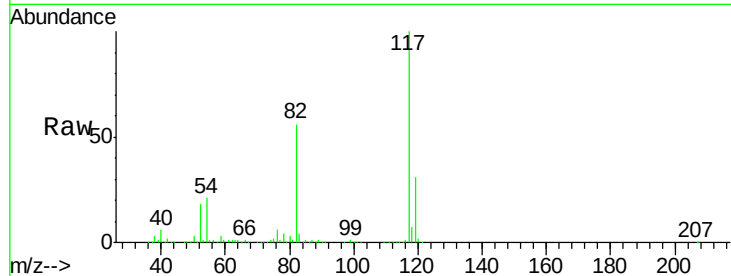




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

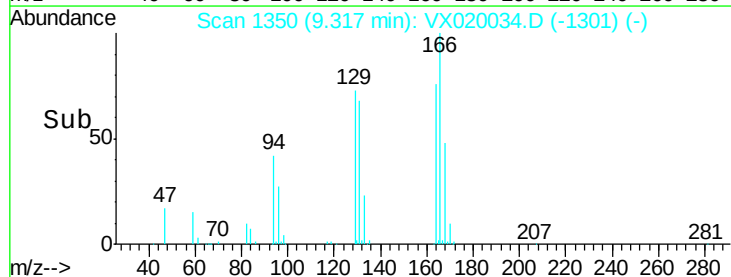
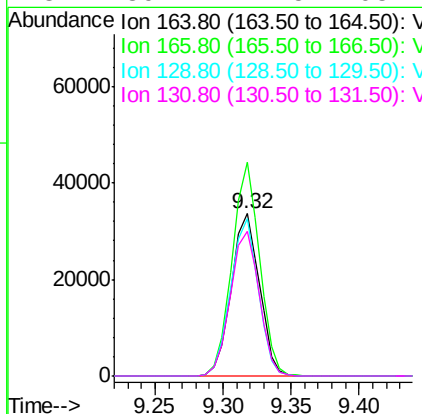
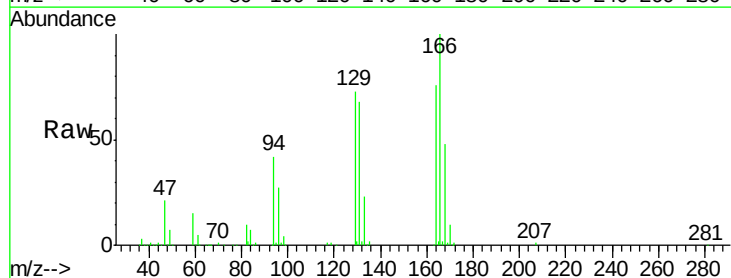
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

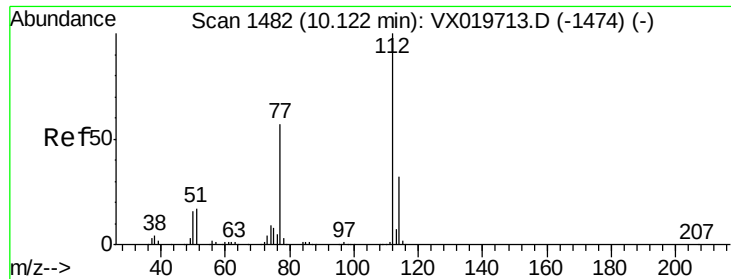
Tgt Ion:117 Resp: 383678
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 18.789 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion:164 Resp: 48344
Ion Ratio Lower Upper
164 100
166 131.9 103.4 155.2
129 96.9 70.8 106.2
131 89.1 72.5 108.7





#65

Chlorobenzene

Concen: 18.916 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

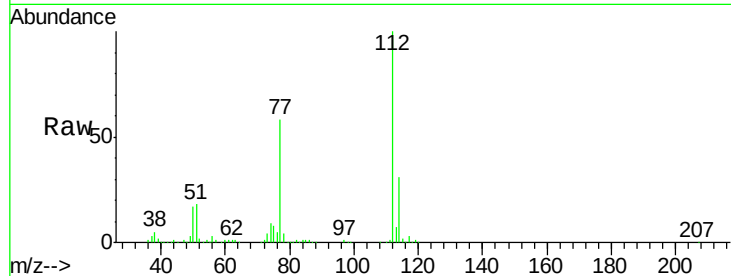
VX1215WBS02

Tgt Ion:112 Resp: 144596

Ion Ratio Lower Upper

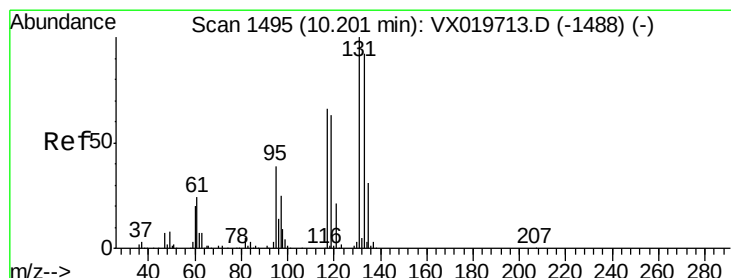
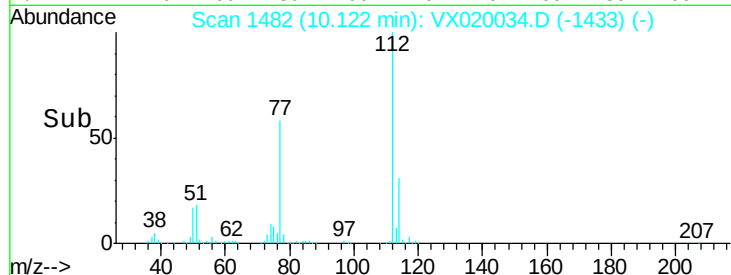
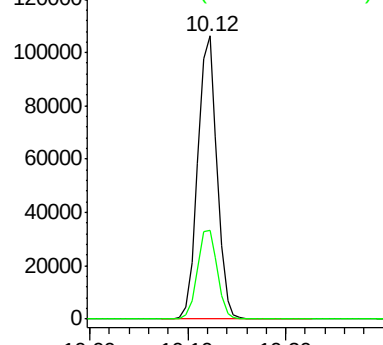
112 100

114 31.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.867 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

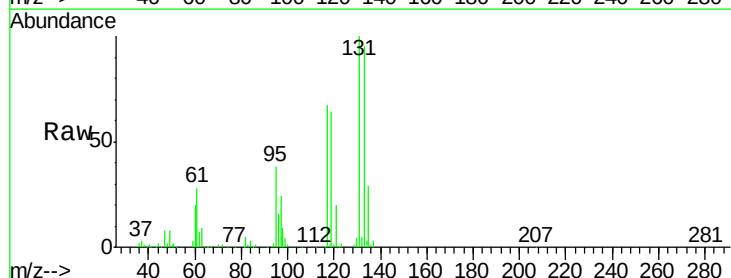
Tgt Ion:131 Resp: 54659

Ion Ratio Lower Upper

131 100

133 95.3 47.7 143.1

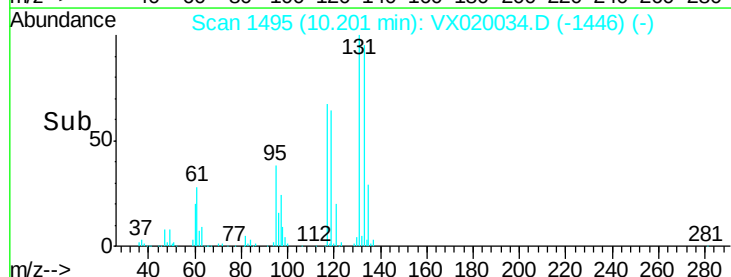
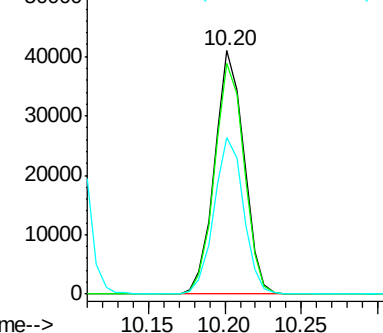
119 64.4 32.1 96.5

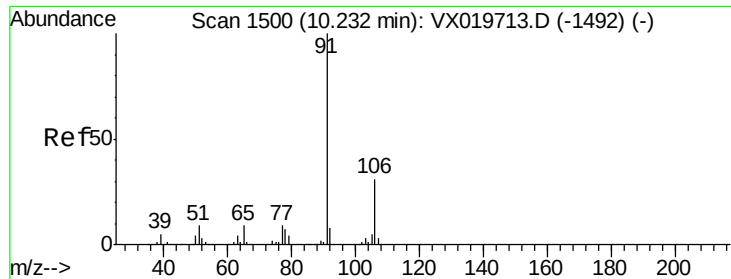


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

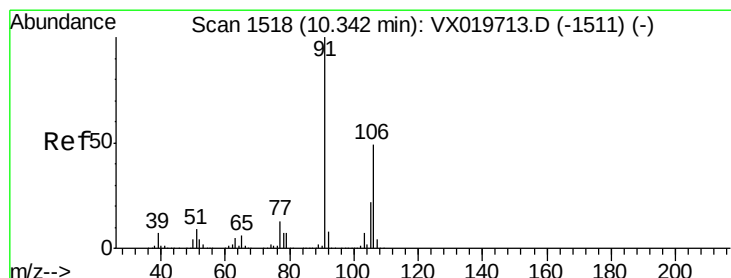
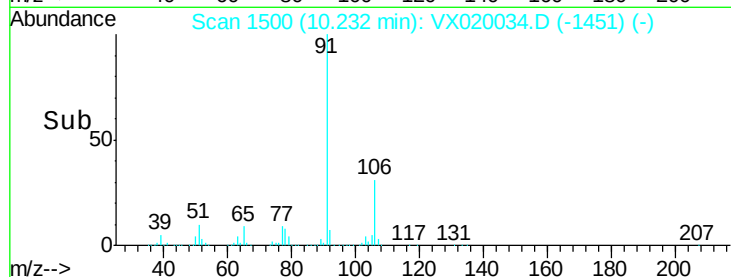
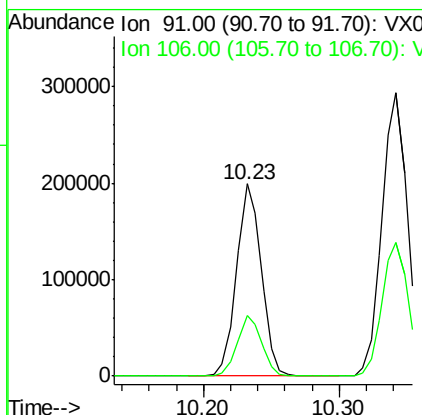
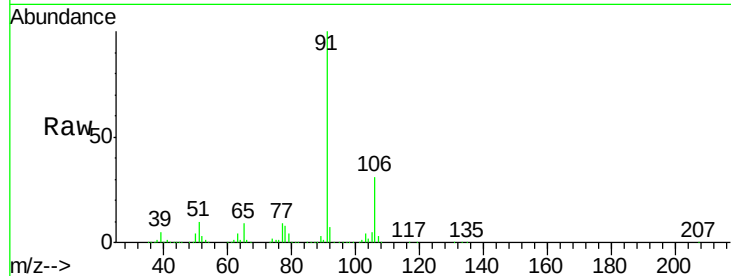




#67
 Ethyl Benzene
 Concen: 18.535 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

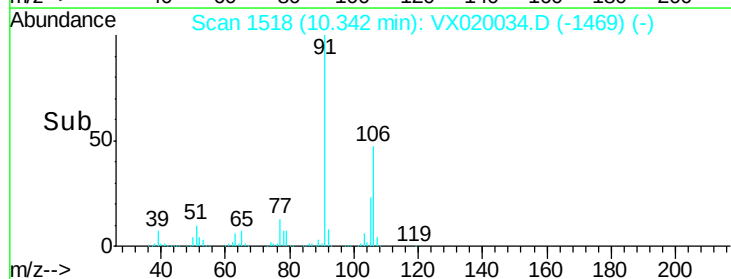
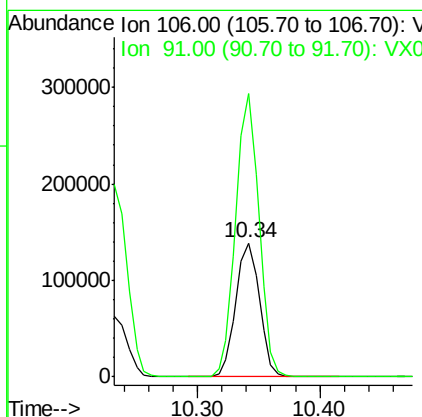
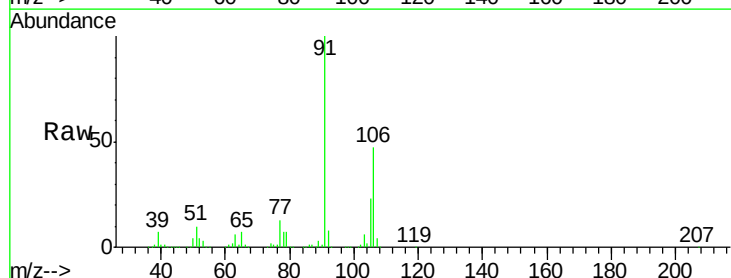
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

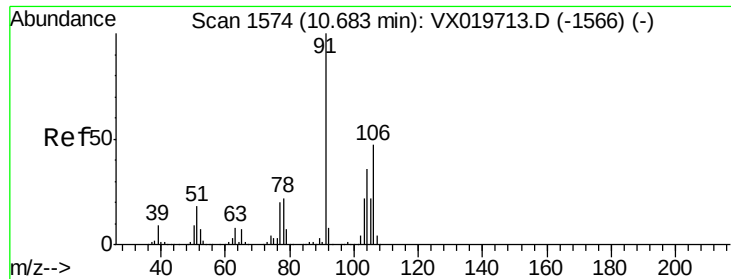
Tgt Ion: 91 Resp: 251484
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.6 37.0



#68
 m/p-Xylenes
 Concen: 36.443 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 106 Resp: 186324
 Ion Ratio Lower Upper
 106 100
 91 206.6 162.8 244.2

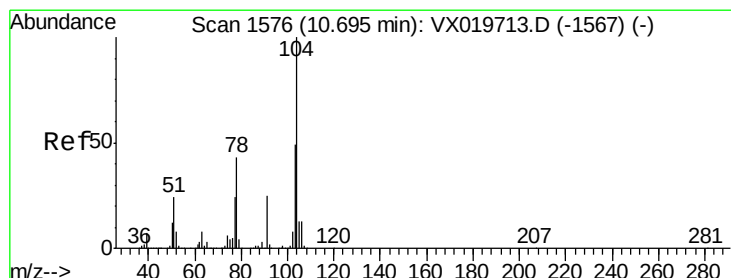
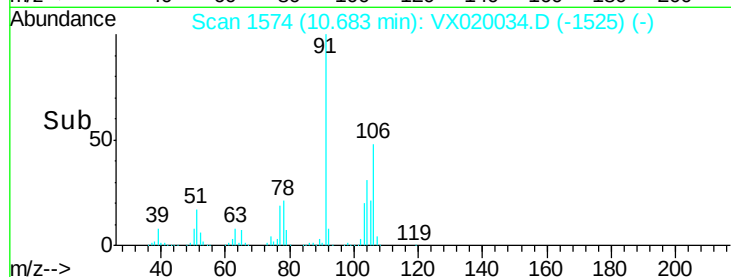
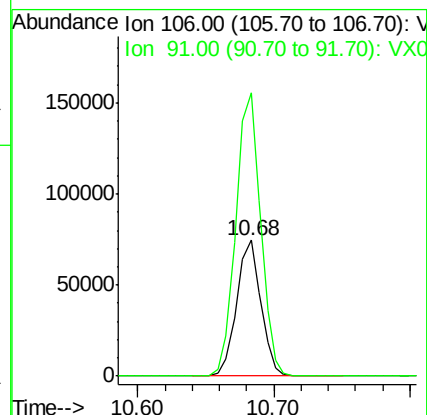
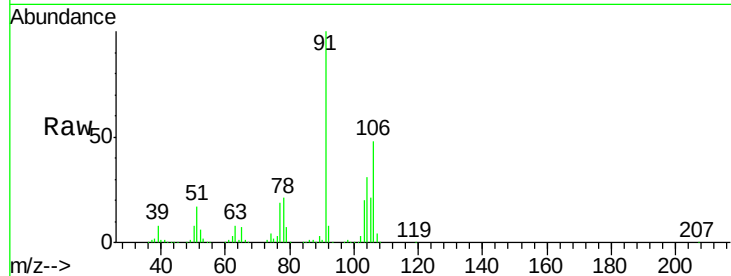




#69
o-Xylene
Concen: 18.754 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

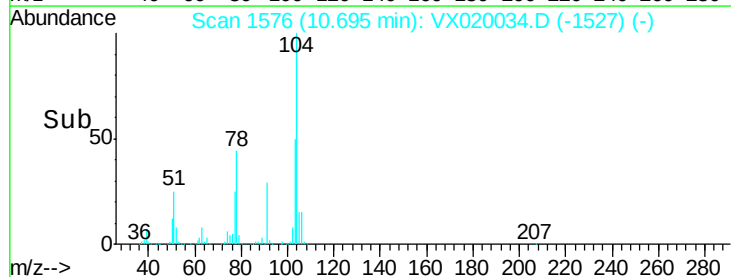
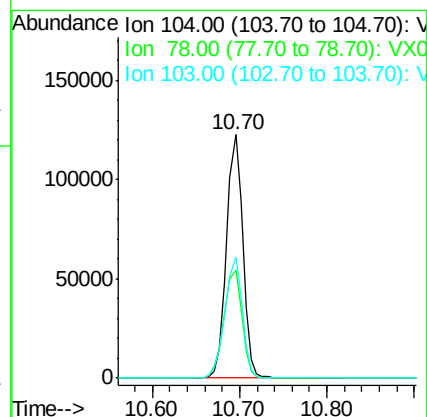
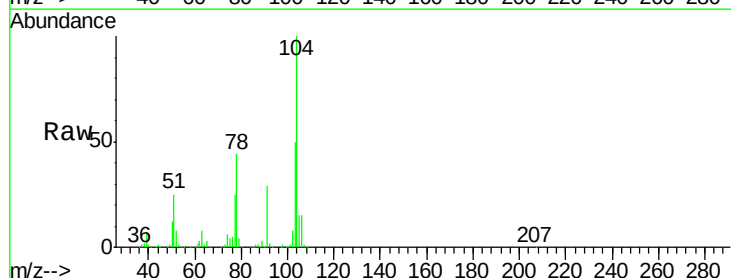
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

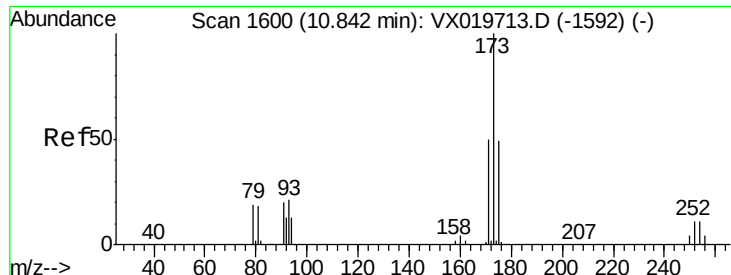
Tgt Ion:106 Resp: 92234
Ion Ratio Lower Upper
106 100
91 214.0 108.1 324.2



#70
Styrene
Concen: 18.945 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion:104 Resp: 157268
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 53.0 43.4 65.0





#71

Bromoform

Concen: 18.826 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

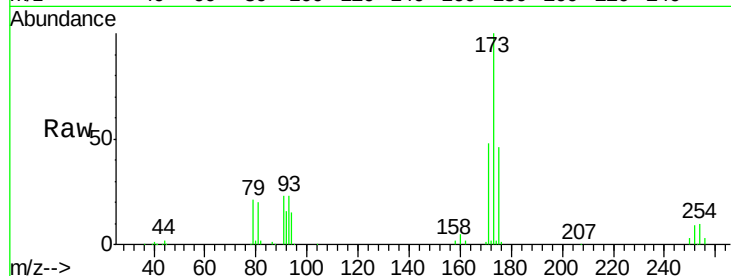
Tgt Ion:173 Resp: 40746

Ion Ratio Lower Upper

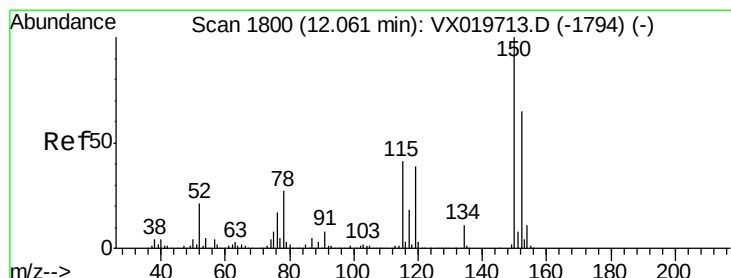
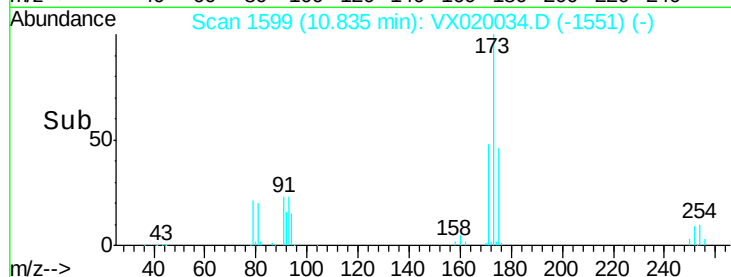
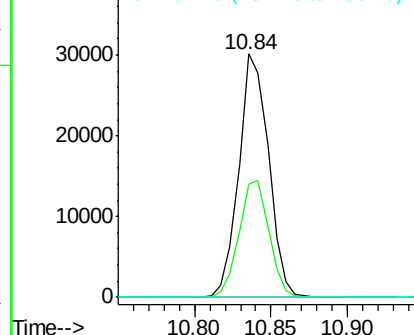
173 100

175 48.2 23.9 71.8

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

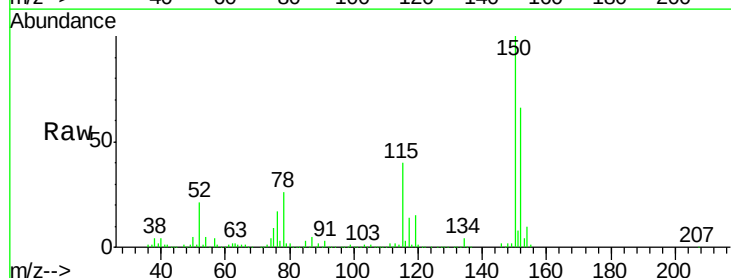
Tgt Ion:152 Resp: 183169

Ion Ratio Lower Upper

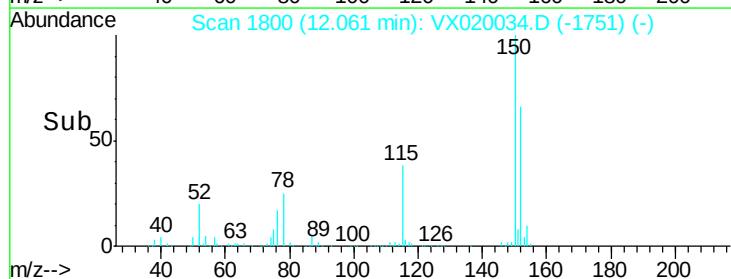
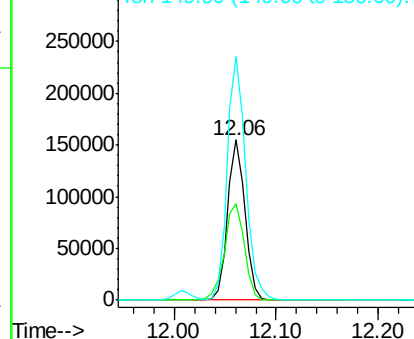
152 100

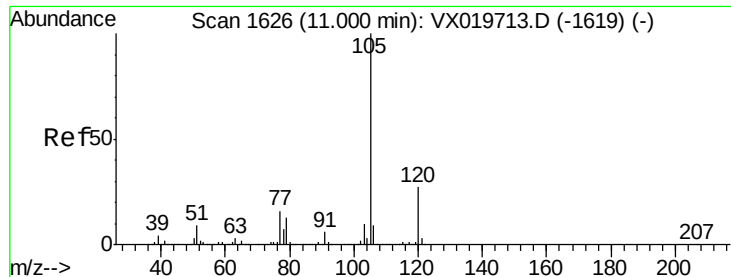
115 68.8 41.1 123.3

150 162.1 0.0 349.0



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

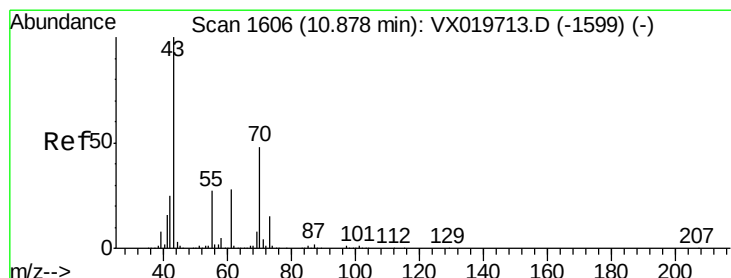
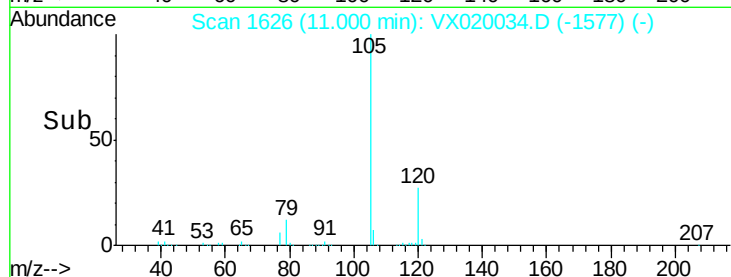
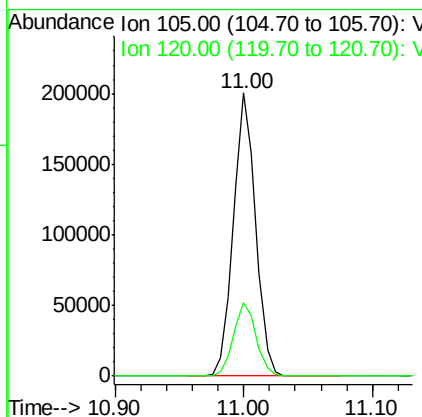
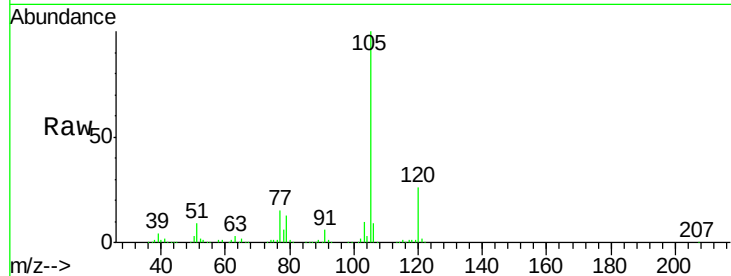




#73
Isopropylbenzene
Concen: 19.314 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

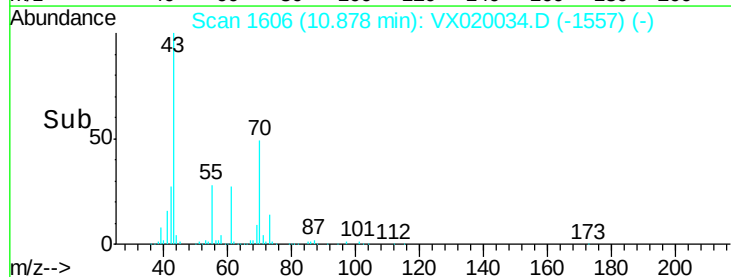
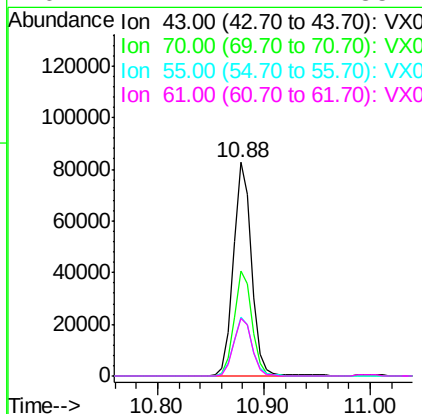
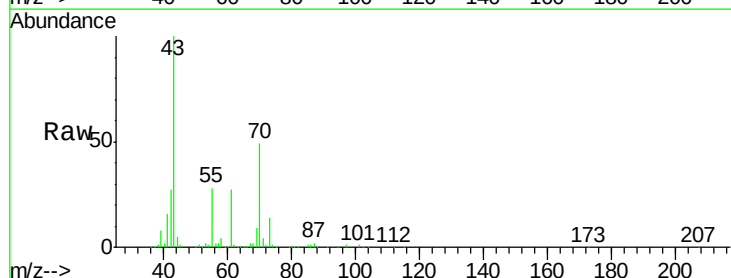
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

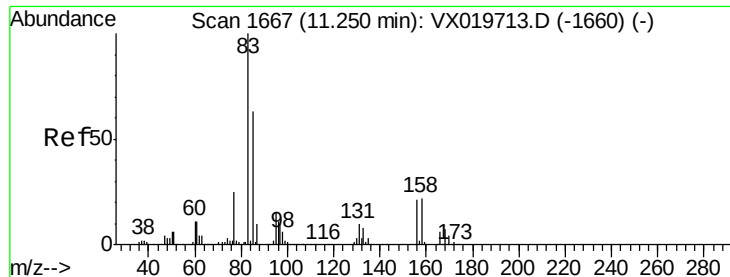
Tgt Ion:105 Resp: 241699
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 19.722 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 43 Resp: 98906
Ion Ratio Lower Upper
43 100
70 48.6 39.0 58.6
55 28.2 21.5 32.3
61 27.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.403 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

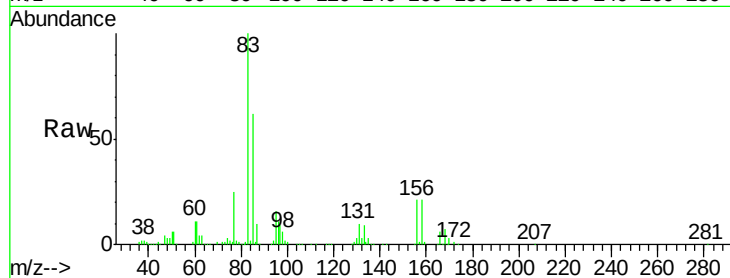
Tgt Ion: 83 Resp: 94427

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

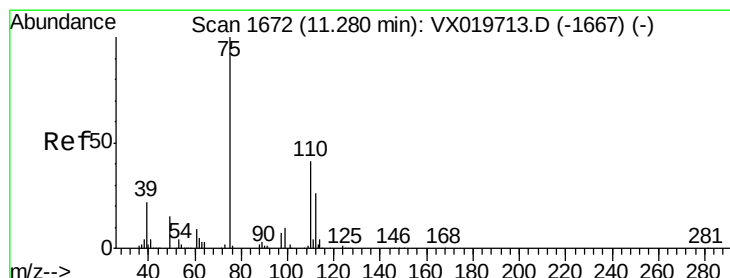
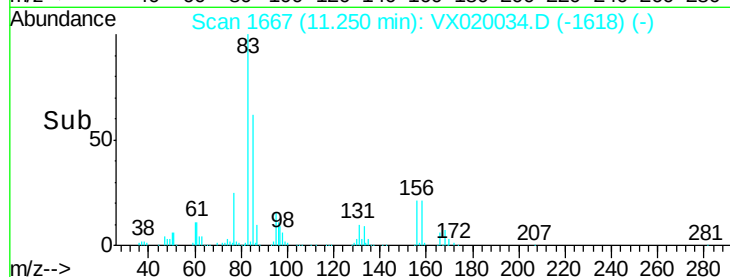
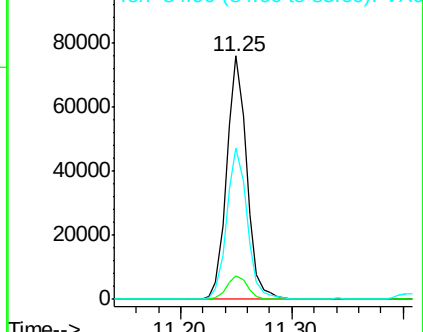
85 63.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.761 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX020034.D

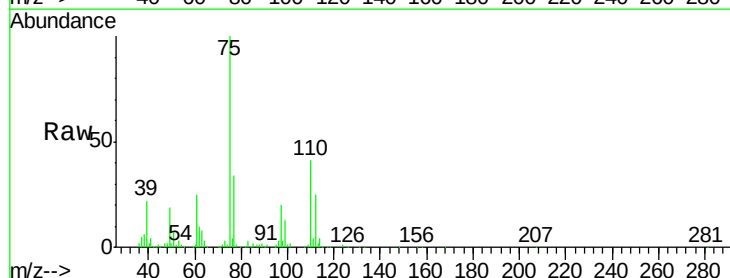
Acq: 16 Dec 2020 00:42

Tgt Ion: 75 Resp: 101724

Ion Ratio Lower Upper

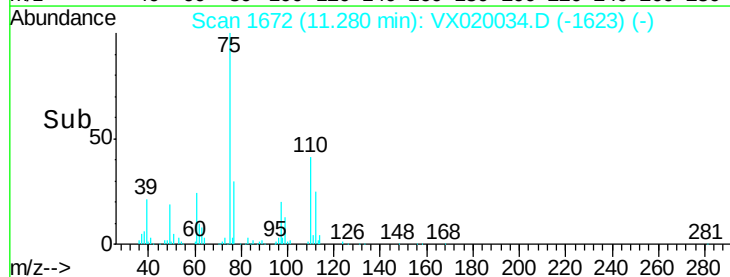
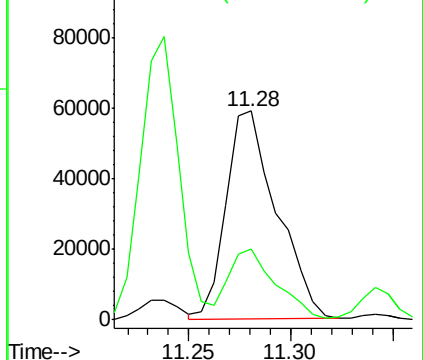
75 100

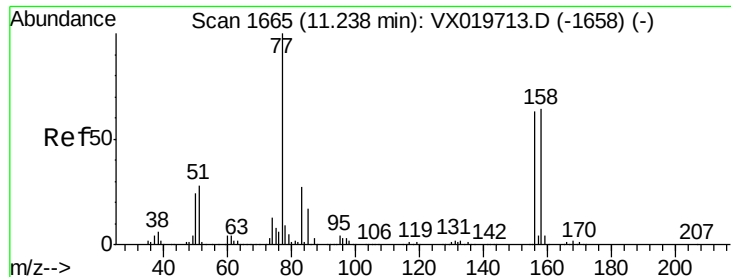
77 31.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.109 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampled :

VX1215WBS02

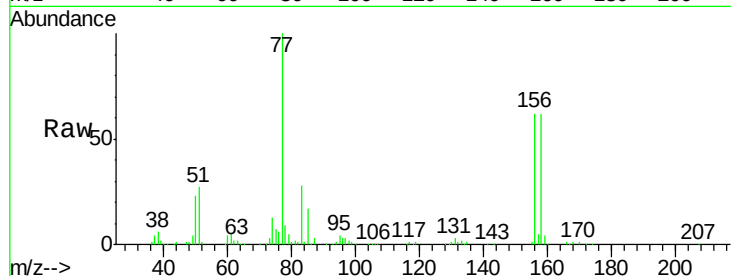
Tgt Ion:156 Resp: 61196

Ion Ratio Lower Upper

156 100

77 171.7 82.8 248.6

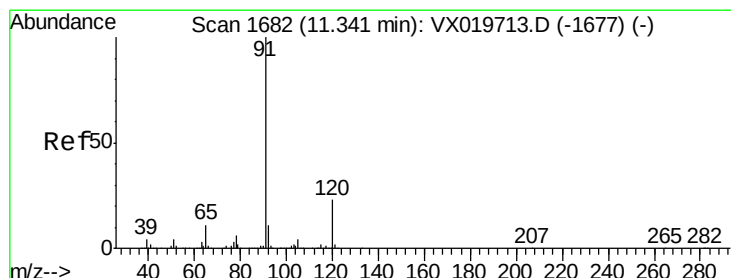
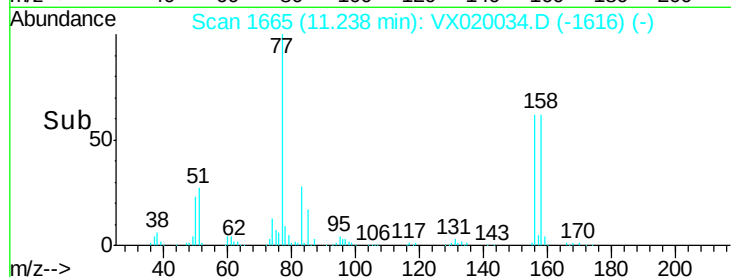
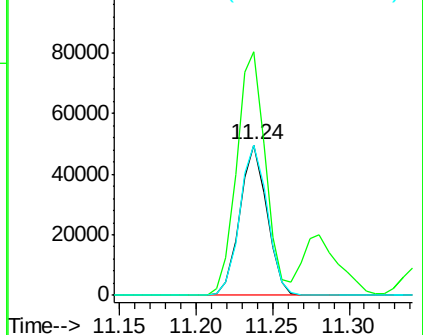
158 101.6 49.1 147.4



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: 18.989 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX020034.D

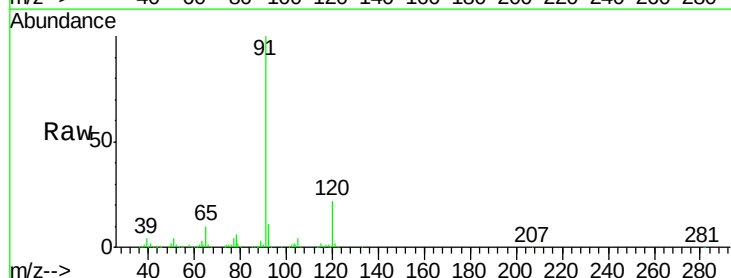
Acq: 16 Dec 2020 00:42

Tgt Ion: 91 Resp: 271401

Ion Ratio Lower Upper

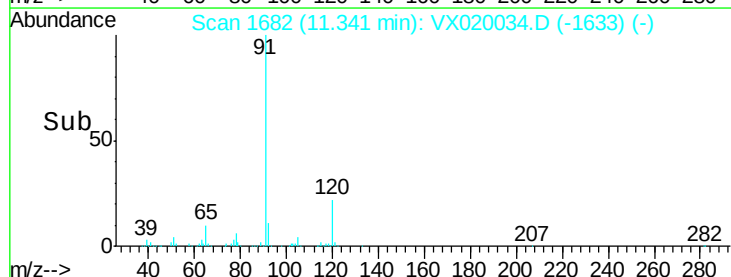
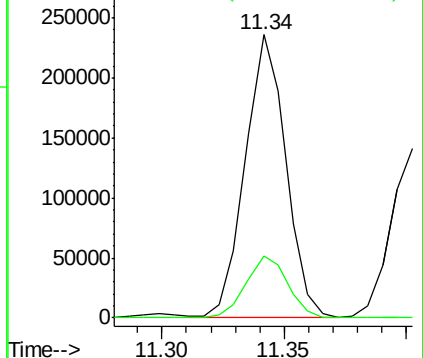
91 100

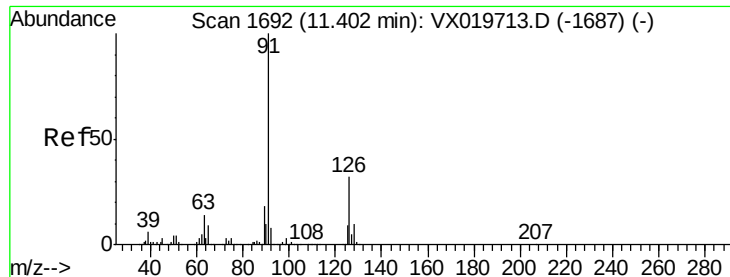
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

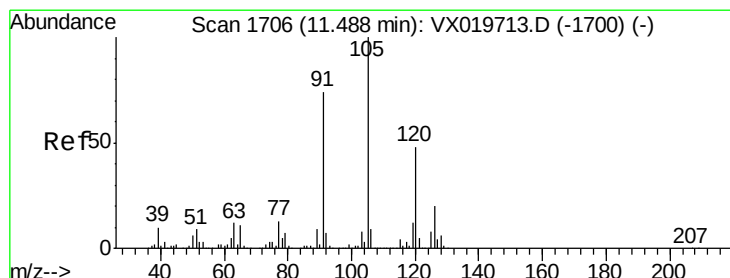
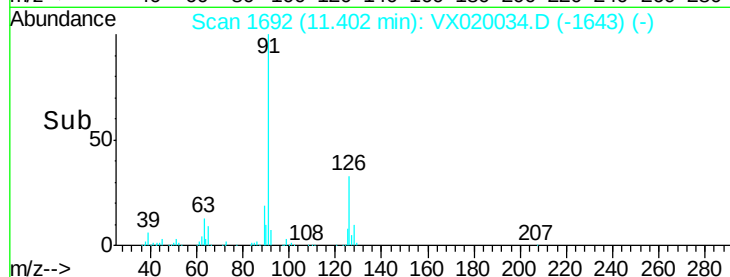
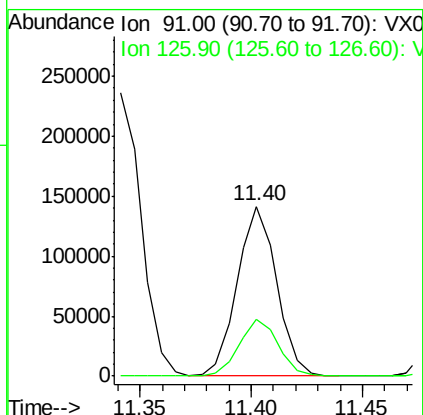
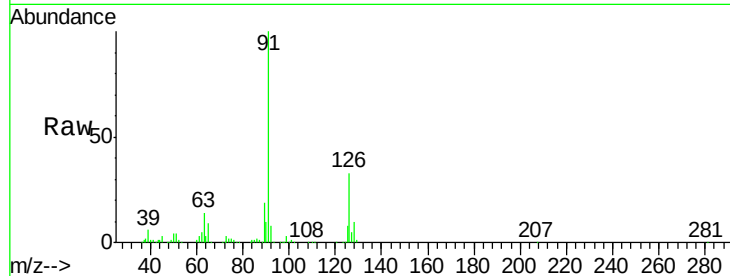




#79
2-Chlorotoluene
Concen: 19.692 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

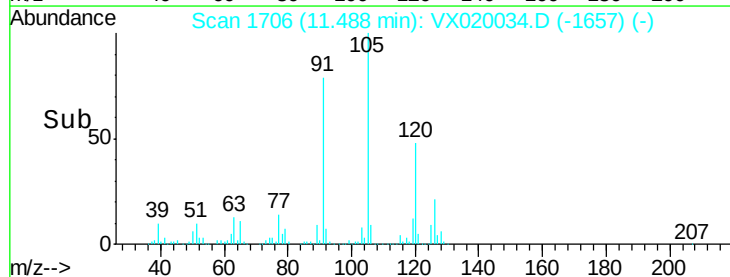
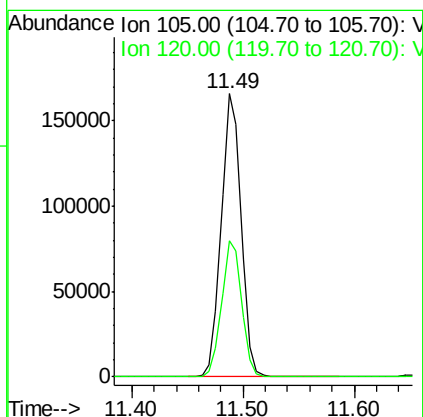
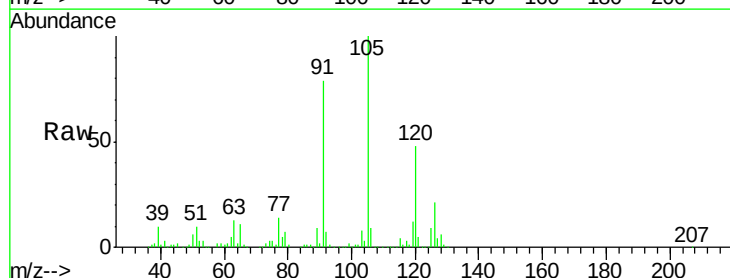
Instrument :
MSVOA_X
ClientSampled :
VX1215WBS02

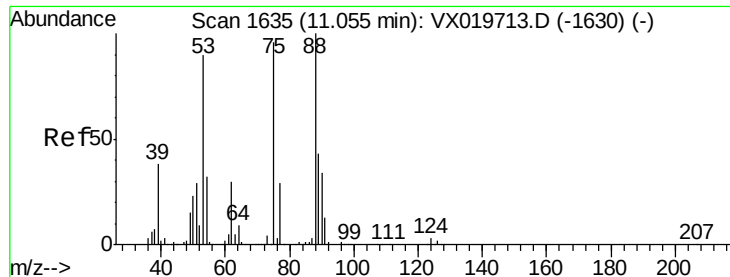
Tgt Ion: 91 Resp: 173325
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.312 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 105 Resp: 203968
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.621 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

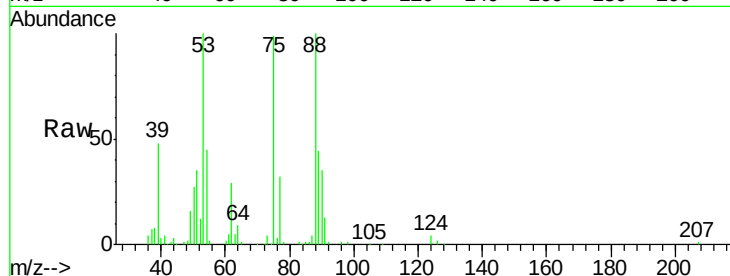
Tgt Ion: 75 Resp: 25042

Ion Ratio Lower Upper

75 100

53 99.6 74.5 111.7

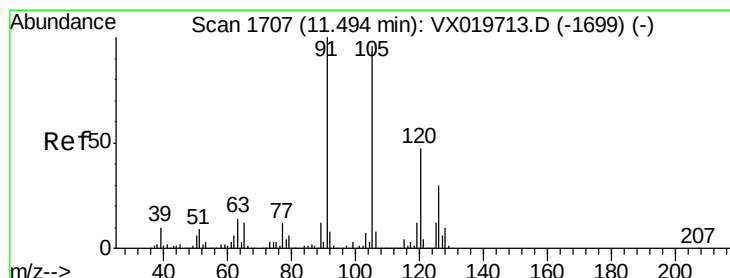
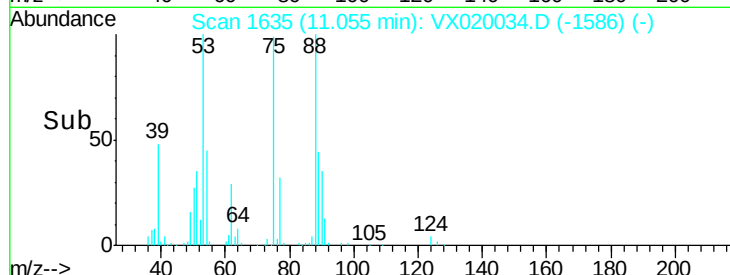
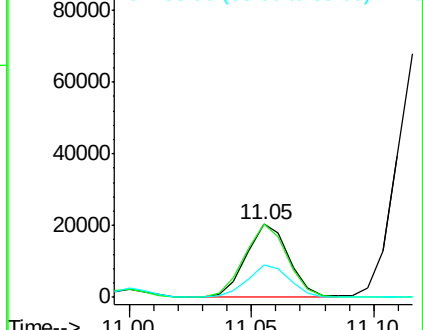
89 43.0 37.9 56.9



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: 19.410 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX020034.D

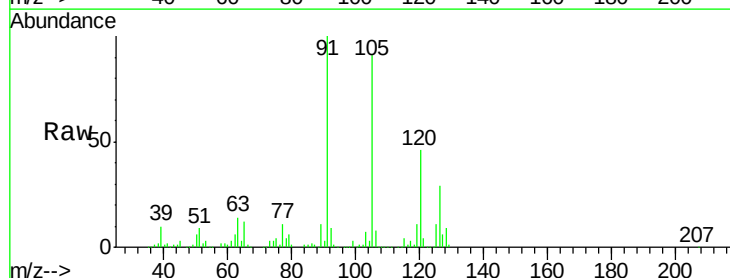
Acq: 16 Dec 2020 00:42

Tgt Ion: 91 Resp: 200090

Ion Ratio Lower Upper

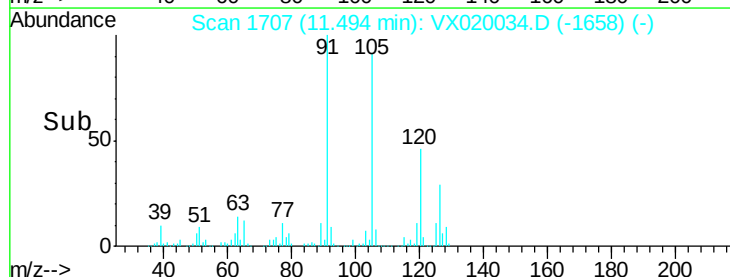
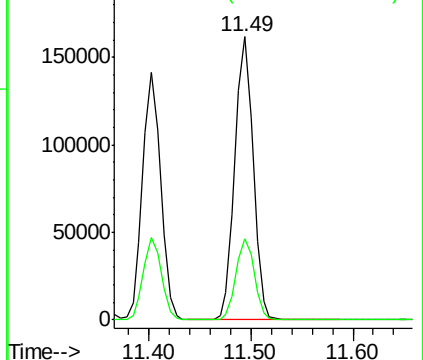
91 100

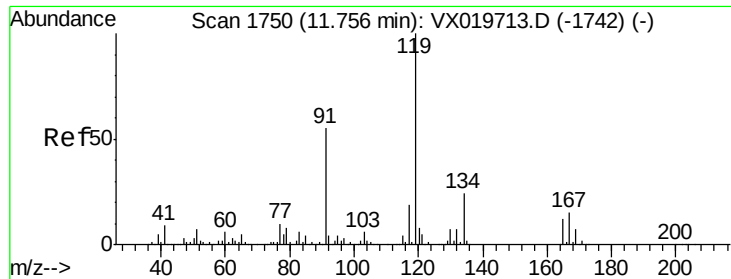
126 28.8 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

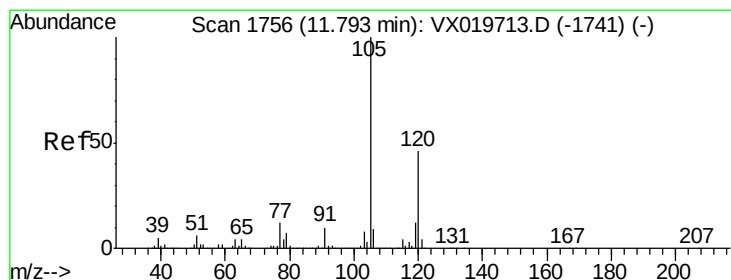
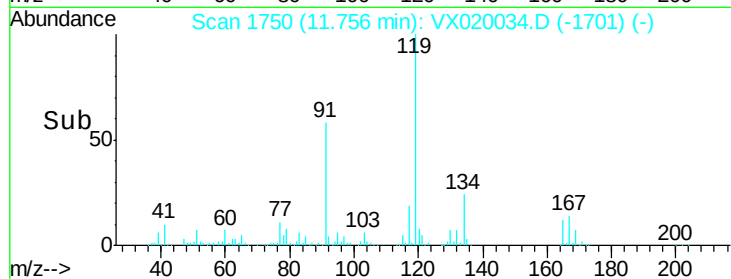
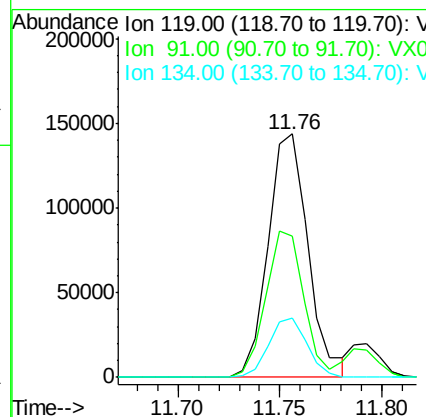
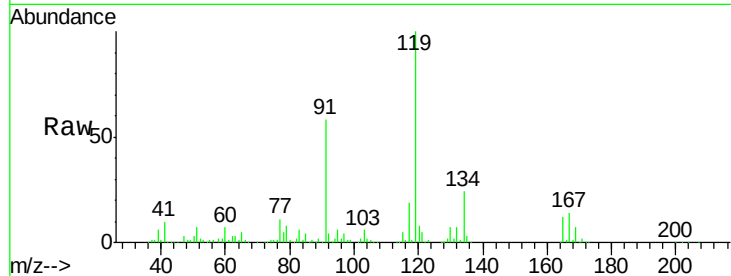




#83
 tert-Butylbenzene
 Concen: 19.042 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

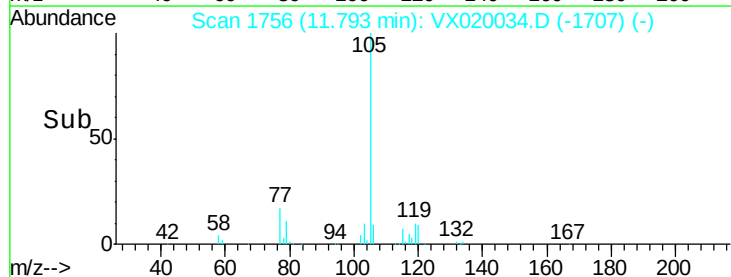
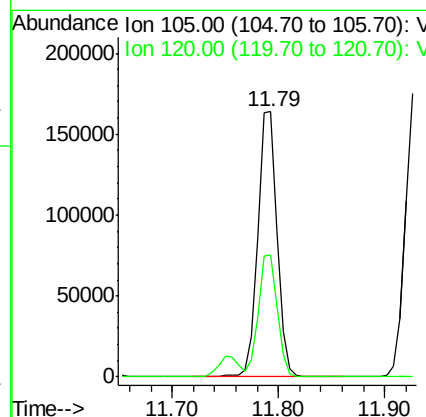
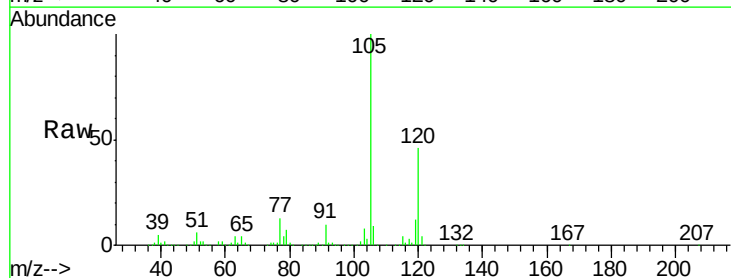
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

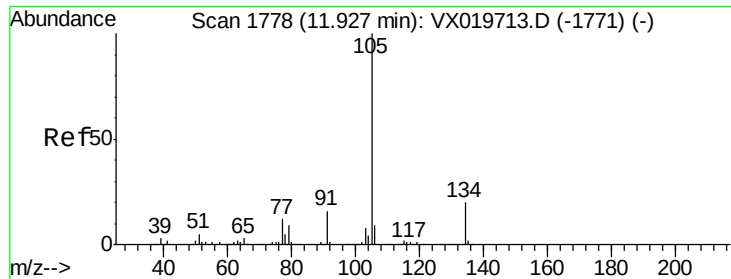
Tgt Ion:119 Resp: 197244
 Ion Ratio Lower Upper
 119 100
 91 56.9 27.9 83.7
 134 23.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.629 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion:105 Resp: 208826
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.849 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

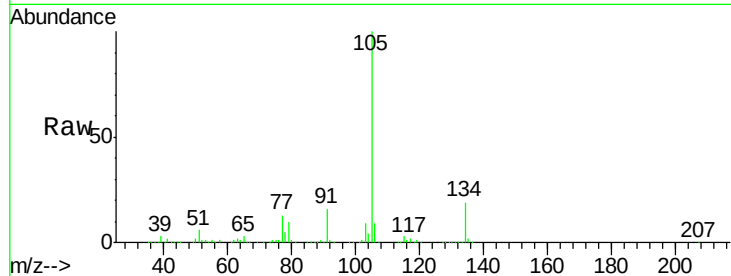
VX1215WBS02

Tgt Ion:105 Resp: 222914

Ion Ratio Lower Upper

105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

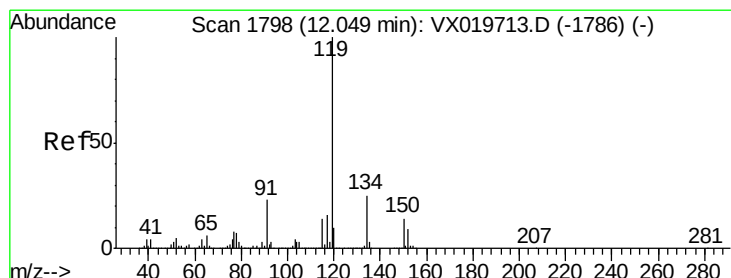
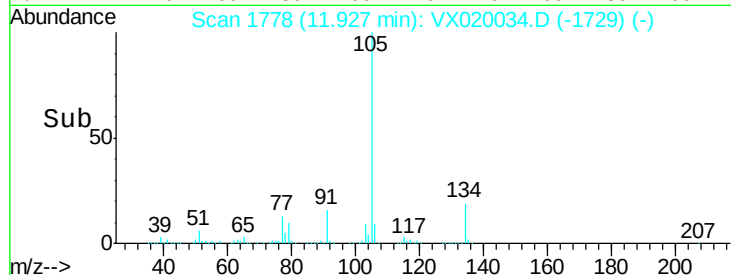
100000

50000

0

11.90 11.93 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.462 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

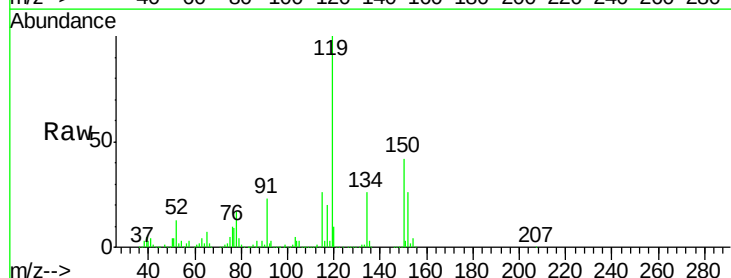
Tgt Ion:119 Resp: 200101

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.2 11.7 35.0



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

200000

150000

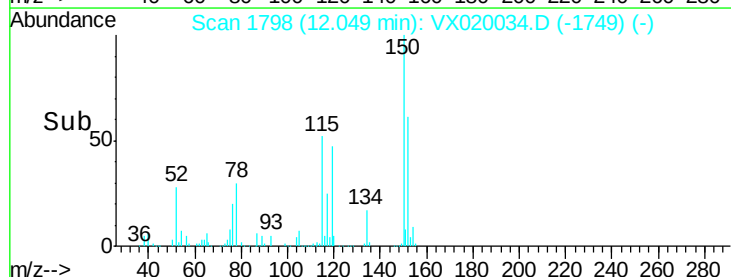
100000

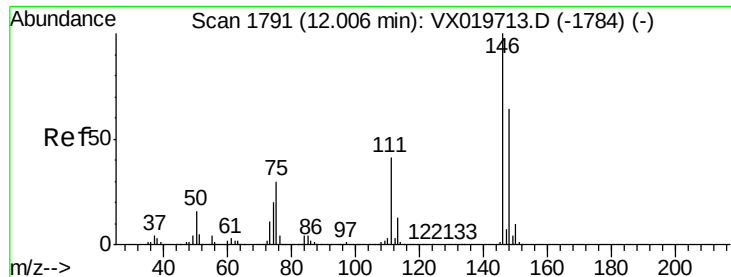
50000

0

11.90 12.00 12.05 12.10 12.20

Time-->

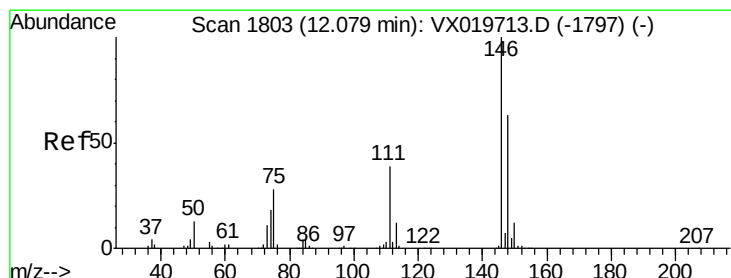
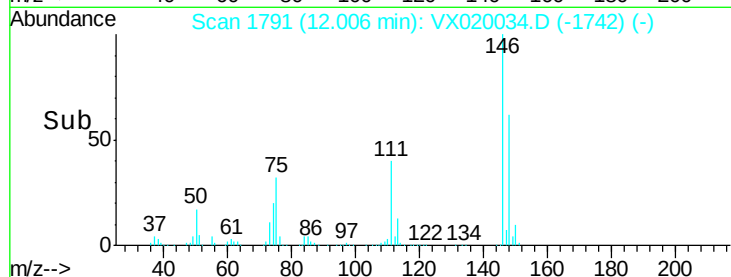
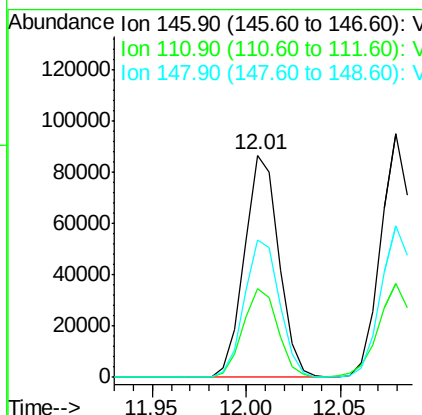
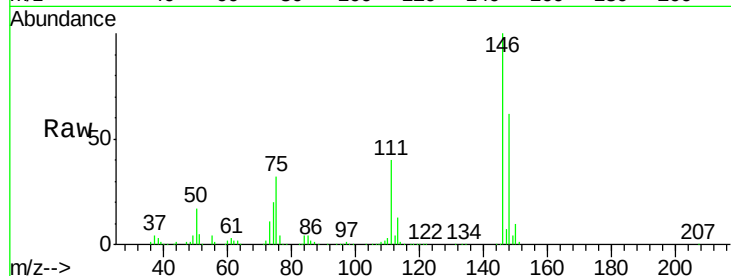




#87
 1,3-Dichlorobenzene
 Concen: 18.740 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

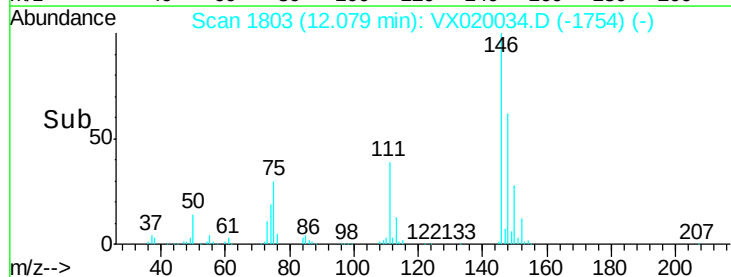
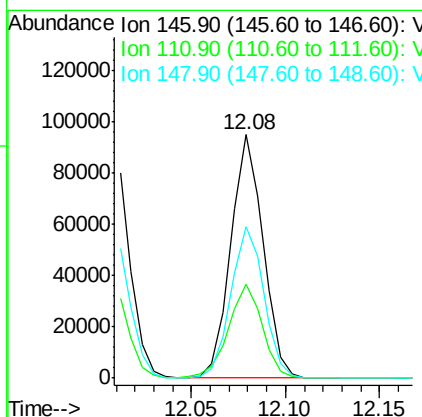
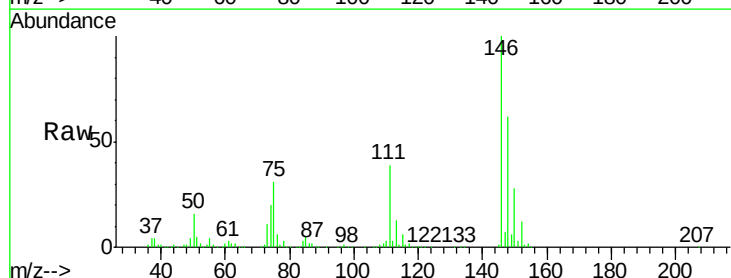
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

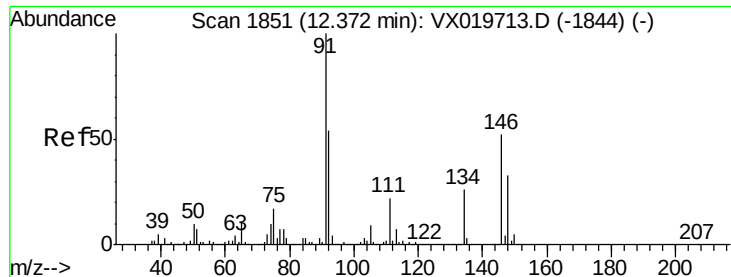
Tgt Ion:146 Resp: 110147
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.5
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.839 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion:146 Resp: 112781
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.8
 148 64.0 31.6 95.0

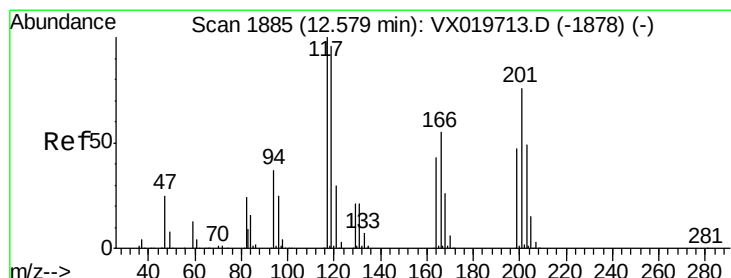
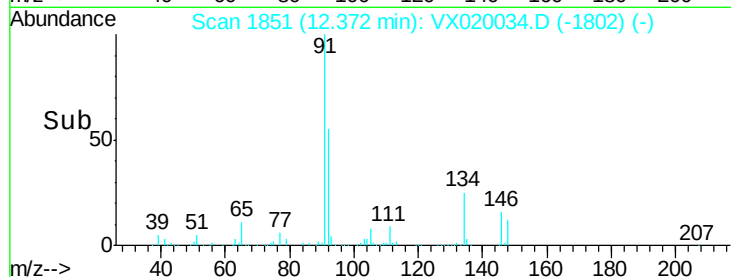
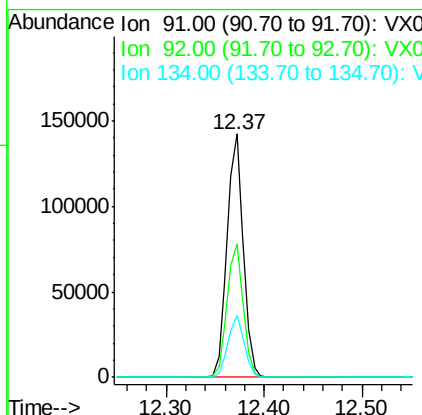
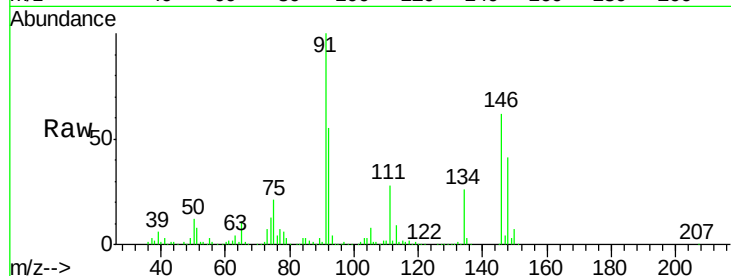




#89
n-Butylbenzene
Concen: 17.083 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

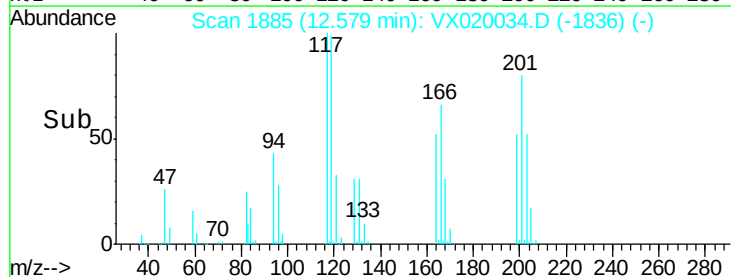
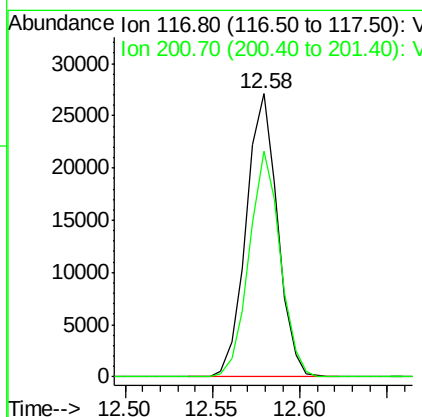
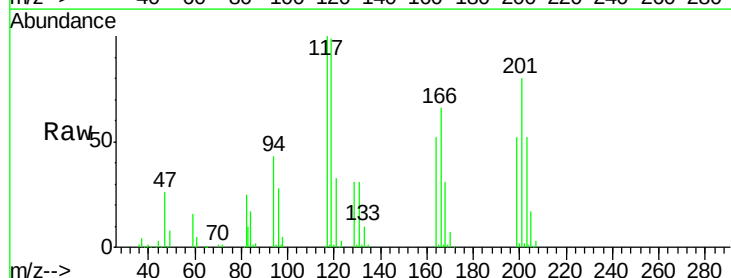
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBS02

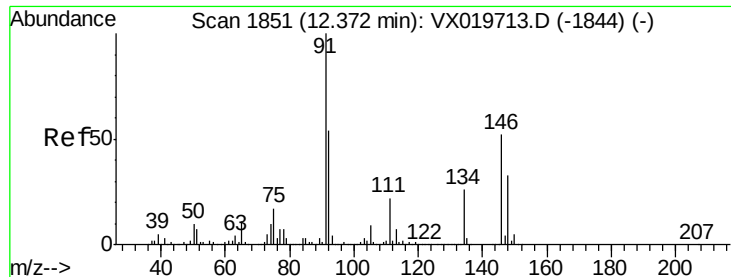
Tgt Ion: 91 Resp: 164038
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.5 13.2 39.5



#90
Hexachloroethane
Concen: 18.050 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX020034.D
Acq: 16 Dec 2020 00:42

Tgt Ion: 117 Resp: 33775
Ion Ratio Lower Upper
117 100
201 78.9 40.4 121.2

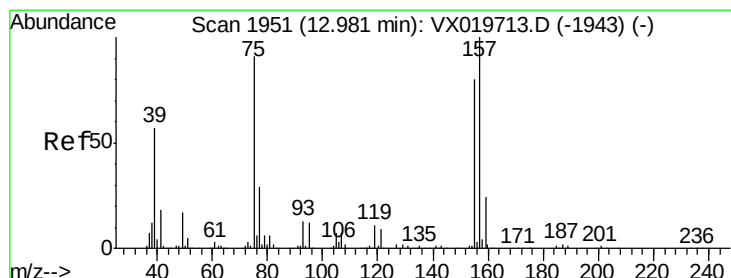
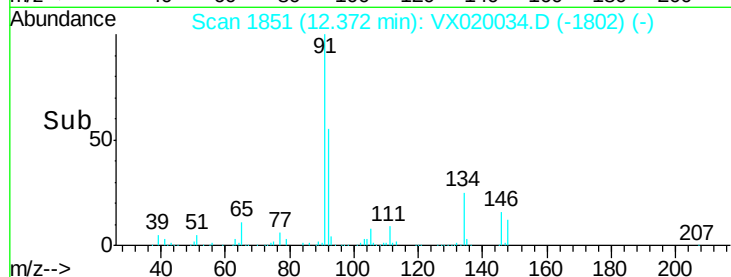
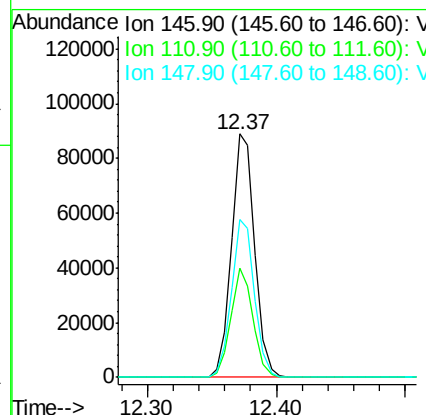
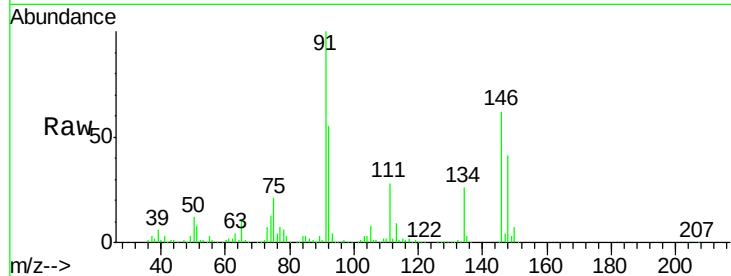




#91
 1,2-Dichlorobenzene
 Concen: 19.642 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

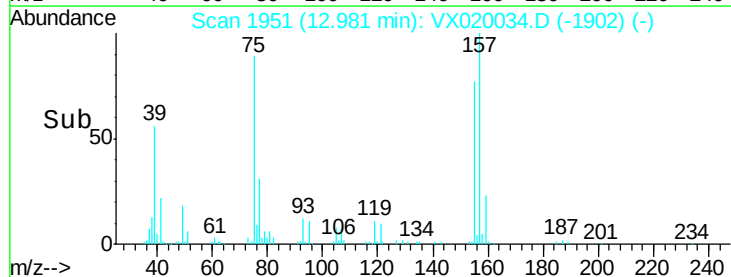
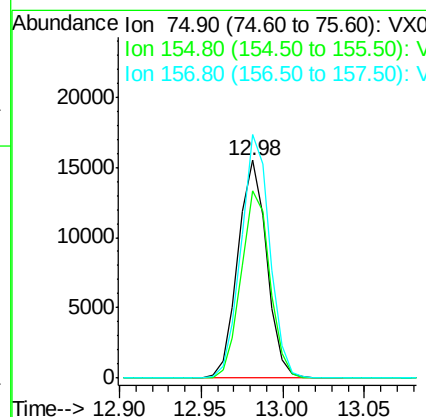
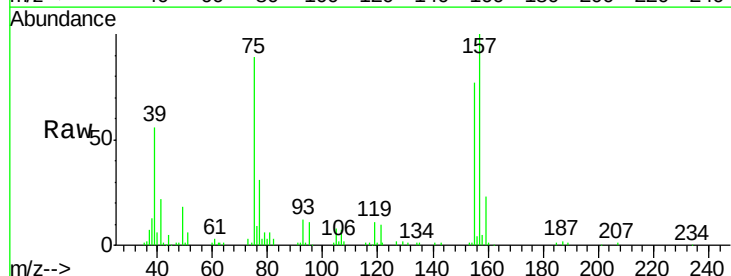
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

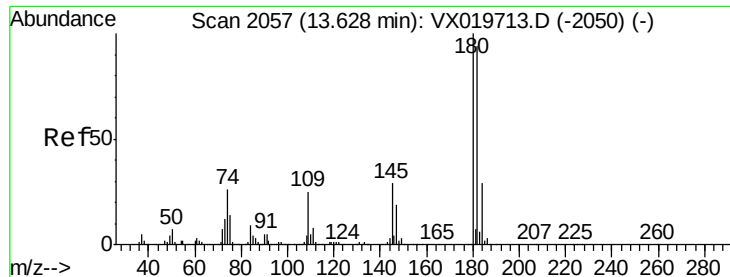
Tgt Ion: 146 Resp: 112542
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.2
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.090 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion: 75 Resp: 19055
 Ion Ratio Lower Upper
 75 100
 155 85.6 45.3 135.9
 157 111.3 57.7 173.1

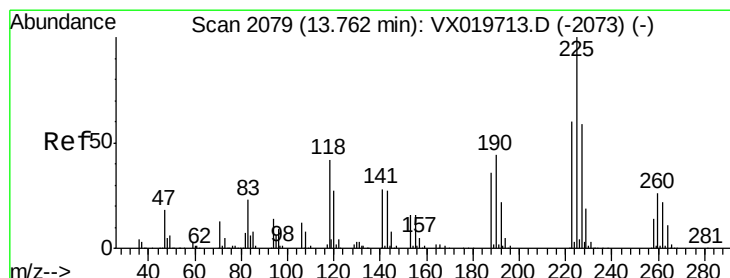
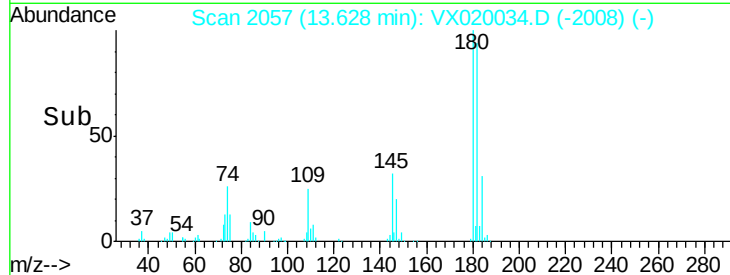
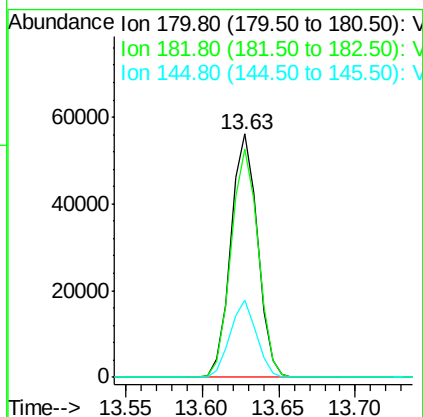
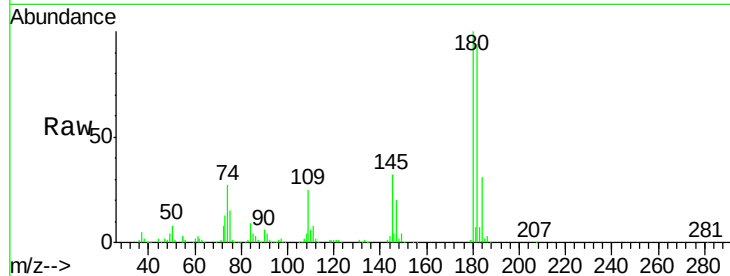




#93
 1,2,4-Trichlorobenzene
 Concen: 18.286 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

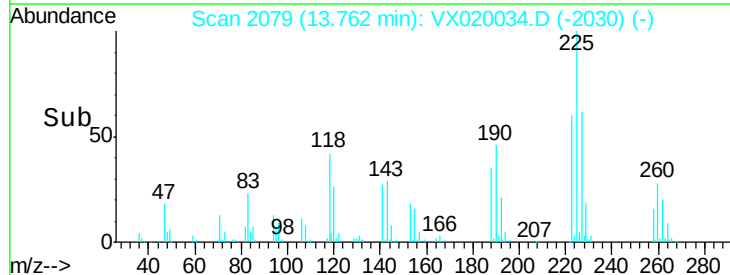
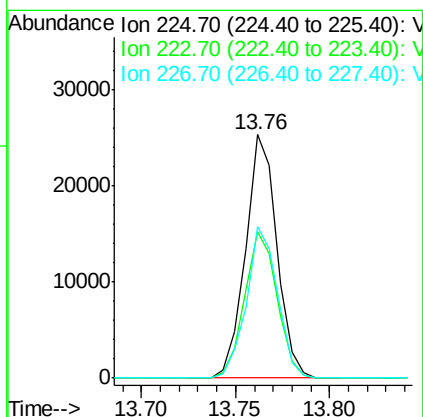
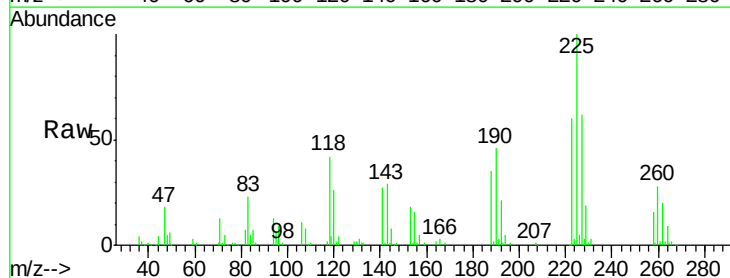
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBS02

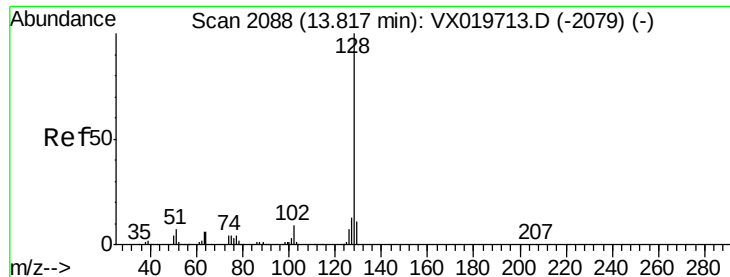
Tgt Ion:180 Resp: 68204
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 31.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 17.549 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX020034.D
 Acq: 16 Dec 2020 00:42

Tgt Ion:225 Resp: 29256
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.2
 227 61.6 31.6 95.0





#95

Naphthalene

Concen: 19.161 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBS02

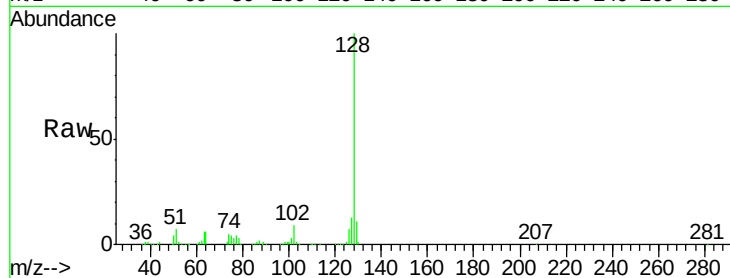
Tgt Ion:128 Resp: 231696

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

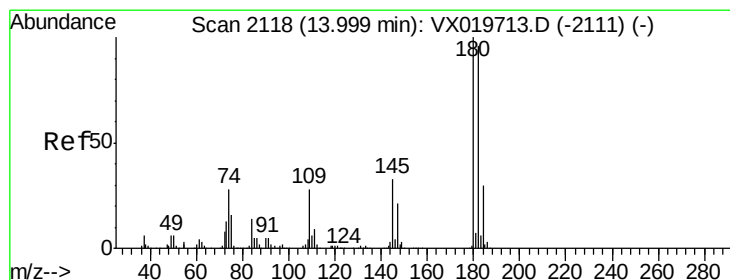
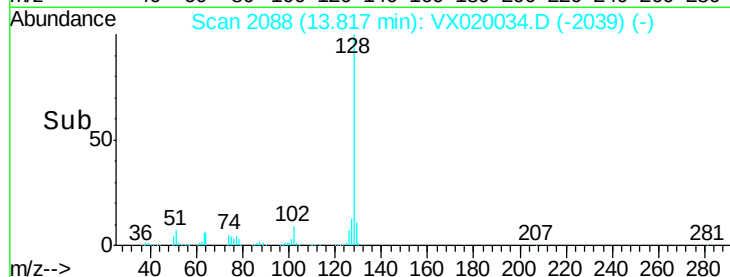
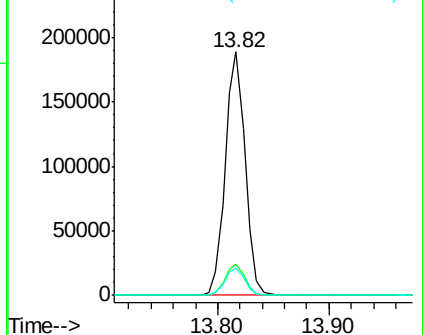
129 11.1 8.8 13.2



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: 19.022 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX020034.D

Acq: 16 Dec 2020 00:42

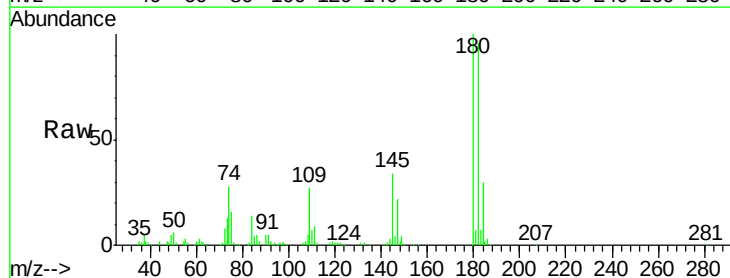
Tgt Ion:180 Resp: 69336

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 33.3 16.1 48.3



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

