

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019535.D
 Acq On : 21 Nov 2020 08:37
 Operator : JC/MD
 Sample : VX1121MBL01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

Quant Time: Nov 23 00:13:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	325972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	528505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	458566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192651	45.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.16%
35) Dibromofluoromethane	5.46	113	156373	47.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.28%
50) Toluene-d8	8.70	98	615533	47.75	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.50%
62) 4-Bromofluorobenzene	11.12	95	213031	45.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.86%

Target Compounds

					Qvalue	
3) Chloromethane	1.31	50	1423	0.391	ug/l #	88
5) Bromomethane	1.62	94	846	0.570	ug/l	85
6) Chloroethane	1.70	64	2029	Below Cal	#	54
11) Tert butyl alcohol	2.99	59	14192	17.743	ug/l #	76
13) Acrolein	2.28	56	930	1.730	ug/l #	57
15) Acrylonitrile	3.12	53	1130	0.599	ug/l	98
16) Acetone	2.42	43	1930	1.181	ug/l	92
17) Carbon Disulfide	2.54	76	5008	0.576	ug/l	99
18) Methyl Acetate	2.75	43	902	0.857	ug/l	98
20) Methylene Chloride	2.83	84	1187	0.291	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	946	0.258	ug/l	86
23) Vinyl Acetate	3.78	43	1777	0.202	ug/l #	88
25) 2-Butanone	4.65	43	1424	0.580	ug/l	91
29) Tetrahydrofuran	5.10	42	1092	0.697	ug/l #	57
36) 1,1-Dichloropropene	5.78	75	1061	0.214	ug/l	89
38) Carbon Tetrachloride	5.62	117	31798	6.630	ug/l #	16
49) 1,4-Dioxane	7.73	88	210	2.526	ug/l #	66
51) 4-Methyl-2-Pentanone	8.62	43	1031	0.226	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	767	0.244	ug/l	95
59) 2-Hexanone	9.48	43	1220	0.353	ug/l	92
64) Tetrachloroethene	9.32	164	754	0.209	ug/l #	81
68) m/p-Xylenes	10.34	106	1681	0.273	ug/l	94
70) Styrene	10.70	104	1151	1.748	ug/l	95
71) Bromoform	10.85	173	164	3.655	ug/l #	28
76) 1,2,3-Trichloropropane	11.12	75	104409	24.793	ug/l #	37
78) n-propylbenzene	11.34	91	3229	0.211	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2249	0.201	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.12	75	104409	65.528	ug/l #	12
82) 4-Chlorotoluene	11.49	91	2669	0.244	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2447	0.216	ug/l	100
85) sec-Butylbenzene	11.93	105	2855	0.222	ug/l	97
86) p-Isopropyltoluene	12.05	119	2567	0.219	ug/l #	70
87) 1,3-Dichlorobenzene	12.01	146	1995	0.319	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	1995	0.309	ug/l	97

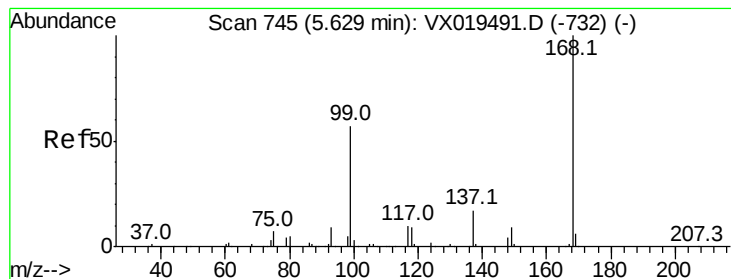
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019535.D
Acq On : 21 Nov 2020 08:37
Operator : JC/MD
Sample : VX1121MBL01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

Quant Time: Nov 23 00:13:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	3121	0.295	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1501	0.239	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	2126	0.527	ug/l	95
94) Hexachlorobutadiene	13.76	225	1054	0.573	ug/l	90
95) Naphthalene	13.82	128	6556	2.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2197	0.544	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

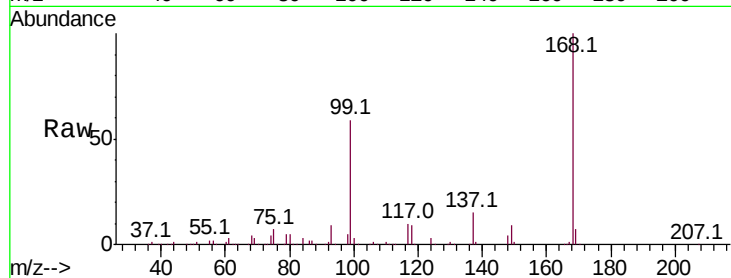
VX1121MBL01

Tot Ion:168 Resp: 325972

Ion Ratio Lower Upper

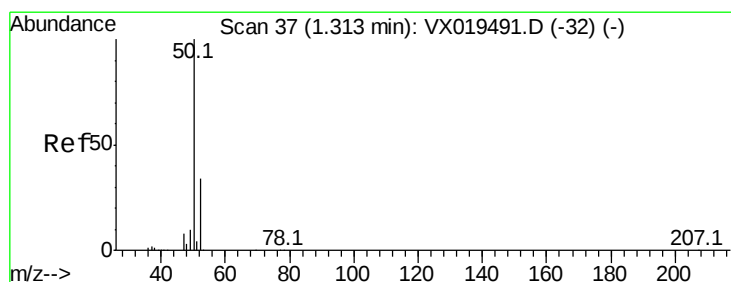
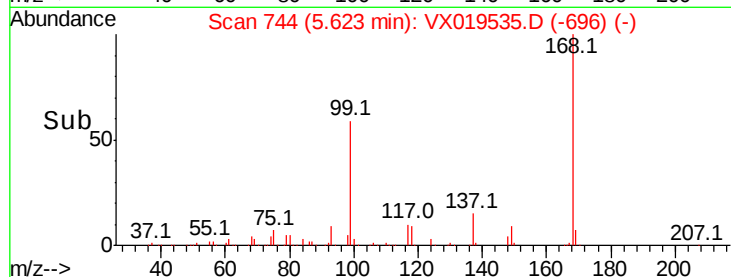
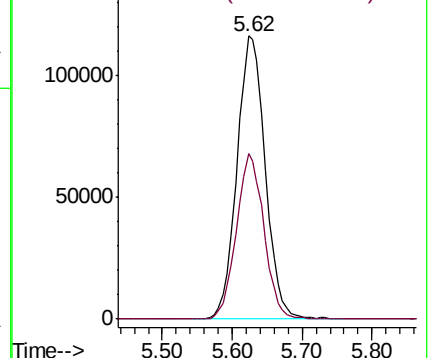
168 100

99 58.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.391 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019535.D

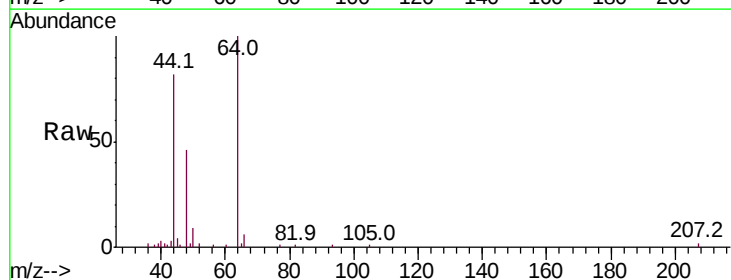
Acq: 21 Nov 2020 08:37

Tgt Ion: 50 Resp: 1423

Ion Ratio Lower Upper

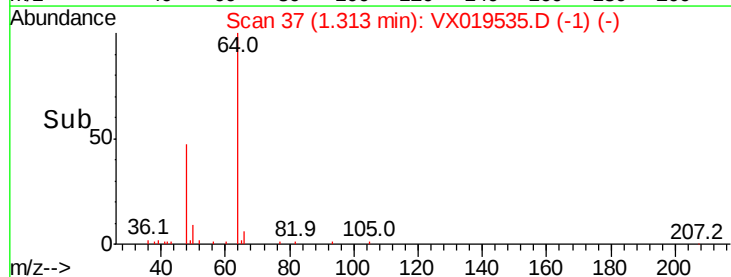
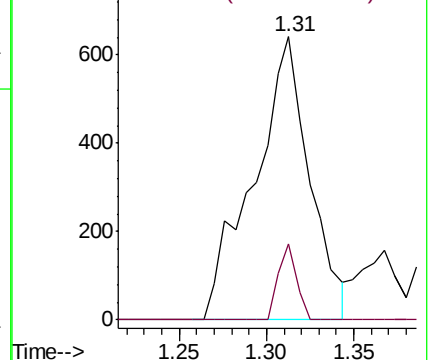
50 100

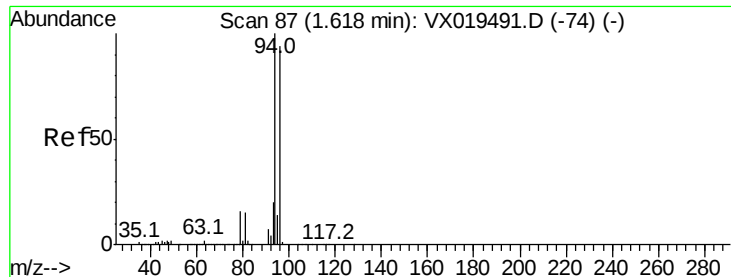
52 27.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.570 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampled :

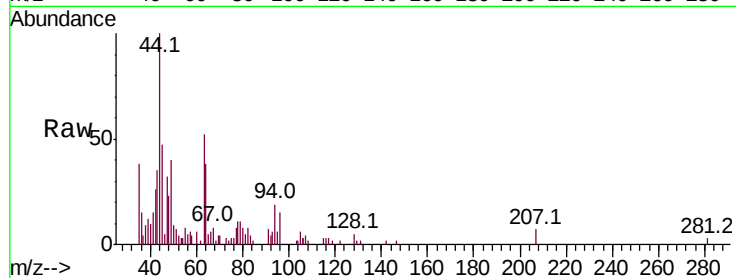
VX1121MBL01

Tot Ion: 94 Resp: 846

Ion Ratio Lower Upper

94 100

96 80.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

600

500

400

300

200

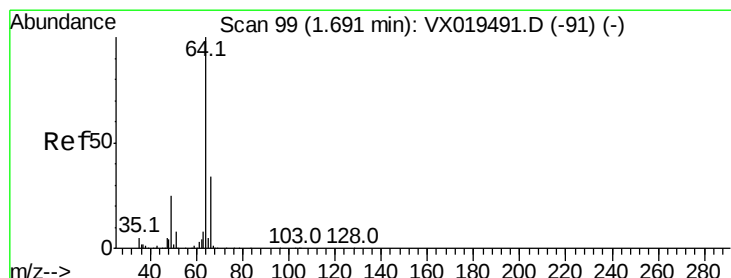
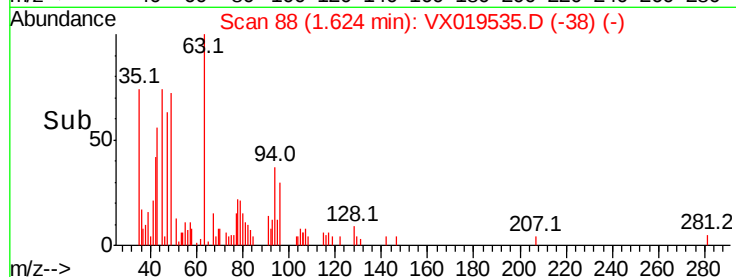
100

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019535.D

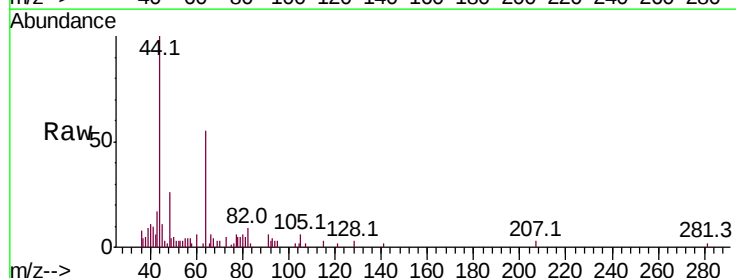
Acq: 21 Nov 2020 08:37

Tgt Ion: 64 Resp: 2029

Ion Ratio Lower Upper

64 100

66 7.6 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

2000

1500

1000

500

0

1.64

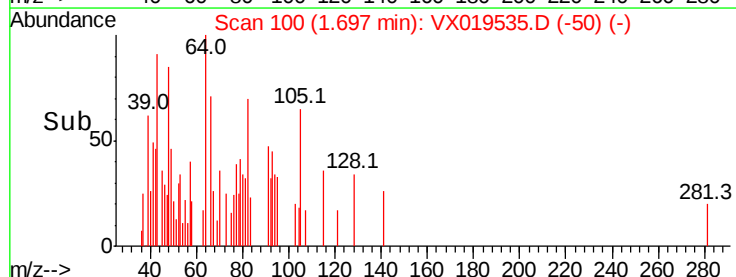
1.66

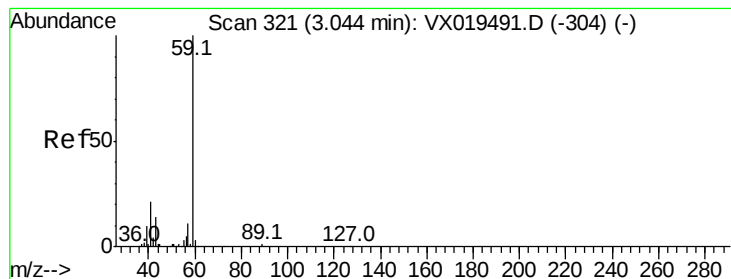
1.68

1.70

1.72

Time-->



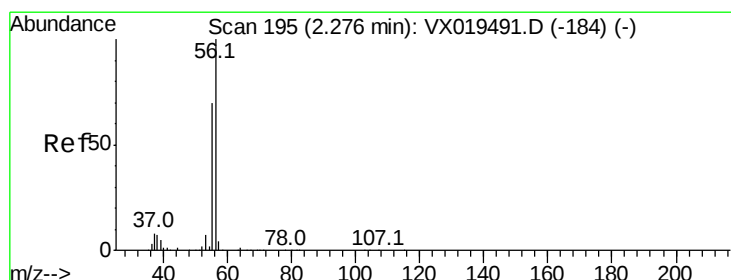
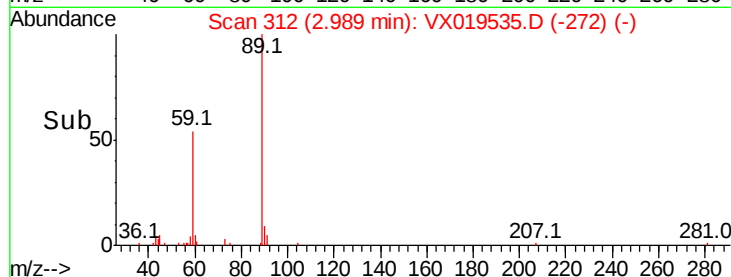
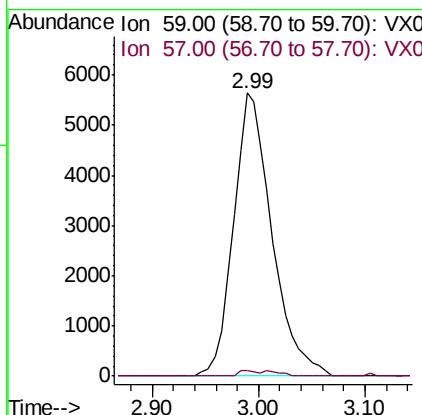
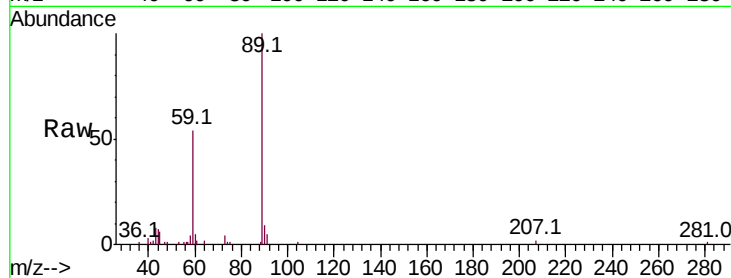


#11

Tert butyl alcohol
 Concen: 17.743 ug/l
 RT: 2.99 min Scan# 312
 Delta R.T. -0.06 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

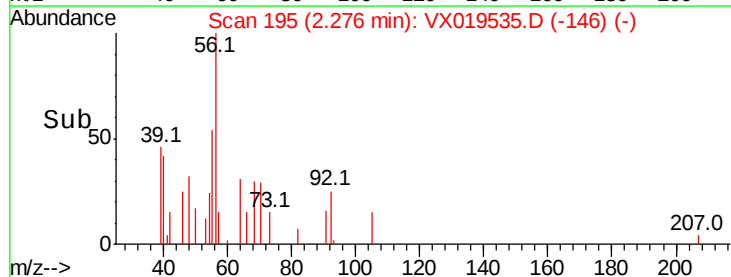
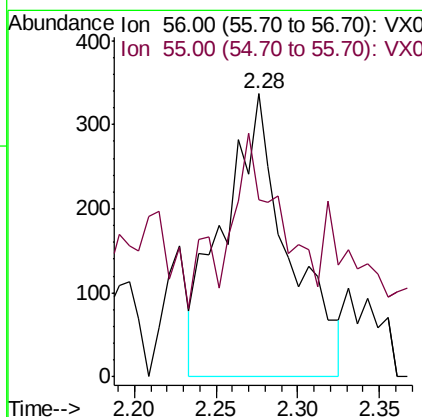
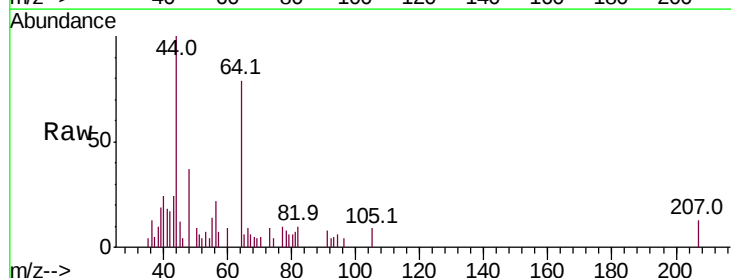
Tot Ion: 59 Resp: 14192
 Ion Ratio Lower Upper
 59 100
 57 0.9 7.9 11.9#

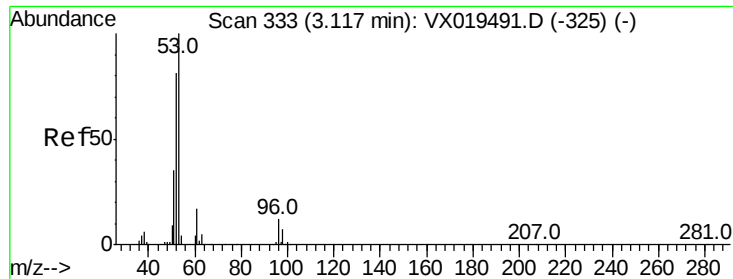


#13

Acrolein
 Concen: 1.730 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. -0.00 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

Tgt Ion: 56 Resp: 930
 Ion Ratio Lower Upper
 56 100
 55 34.5 55.5 83.3#

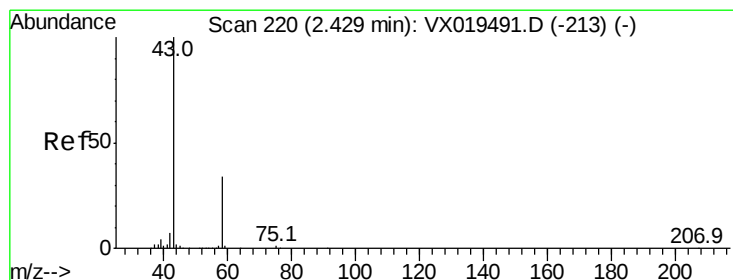
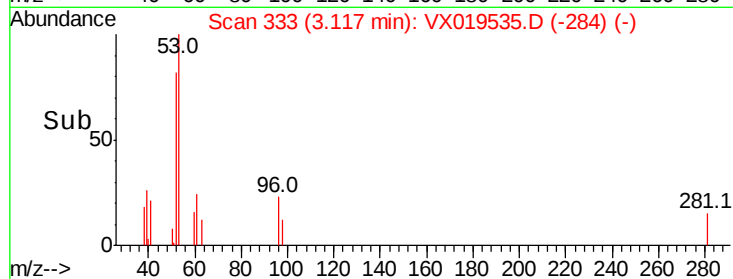
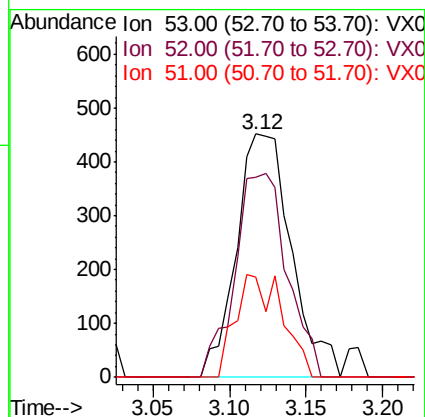
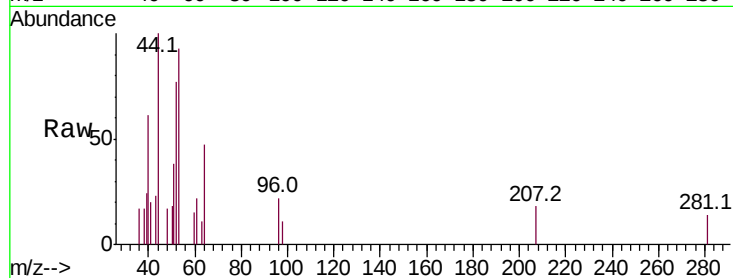




#15
 Acrylonitrile
 Concen: 0.599 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

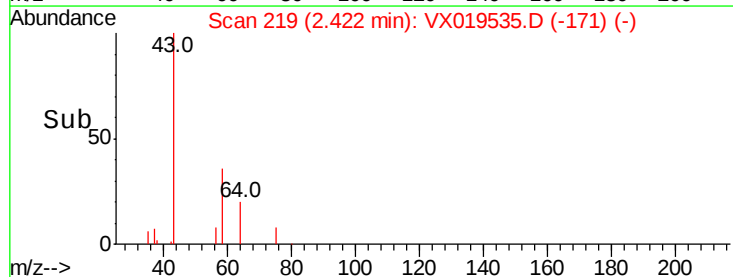
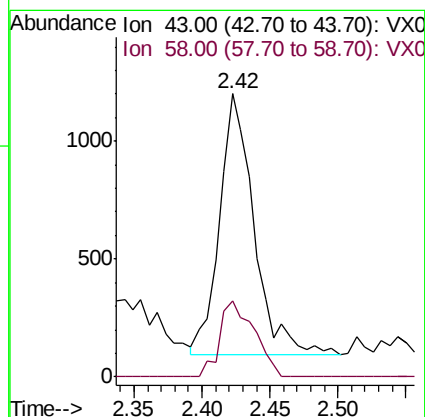
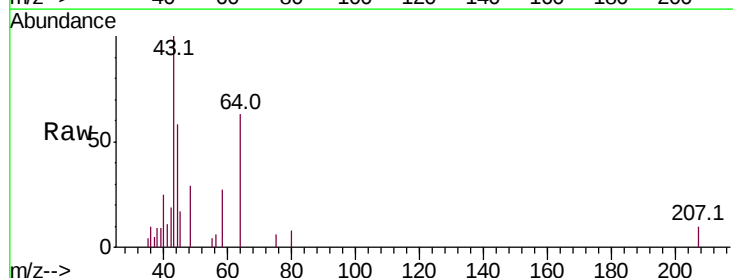
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

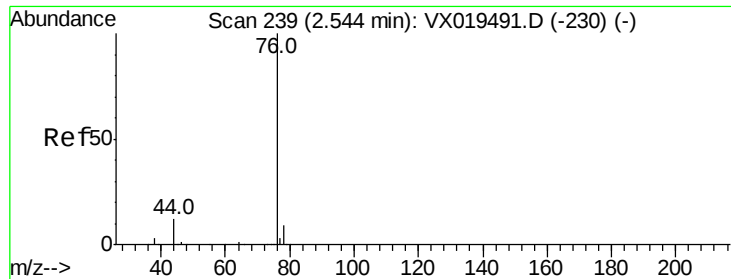
Tot Ion	53	Resp	1130
Ion Ratio	Lower	Upper	
53	100		
52	79.7	66.2	99.2
51	35.8	28.5	42.7



#16
 Acetone
 Concen: 1.181 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

Tgt Ion	43	Resp	1930
Ion Ratio	Lower	Upper	
43	100		
58	29.4	27.4	41.2

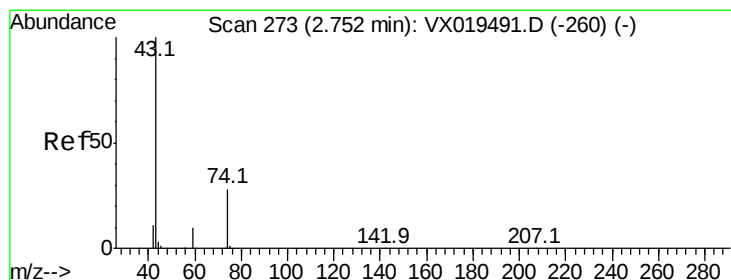
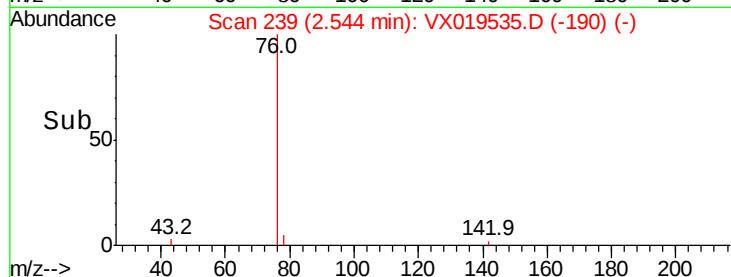
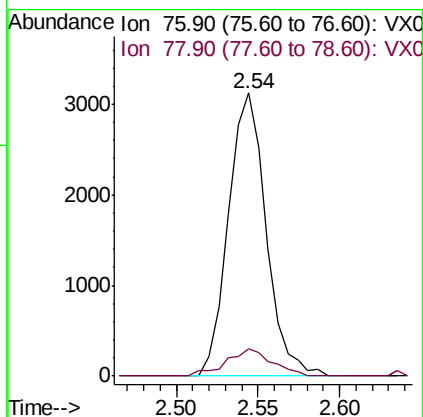
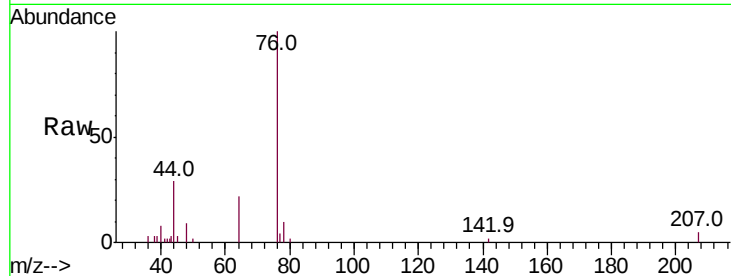




#17
Carbon Disulfide
Concen: 0.576 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

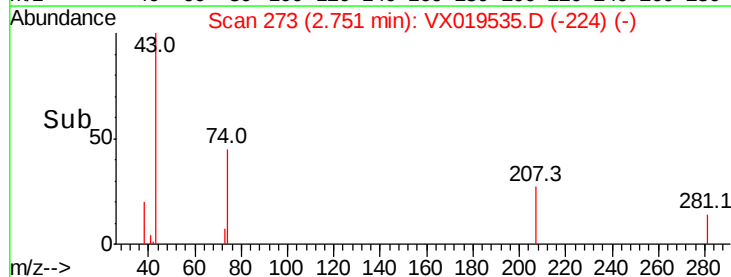
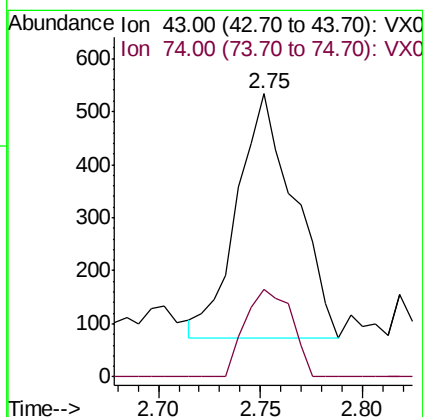
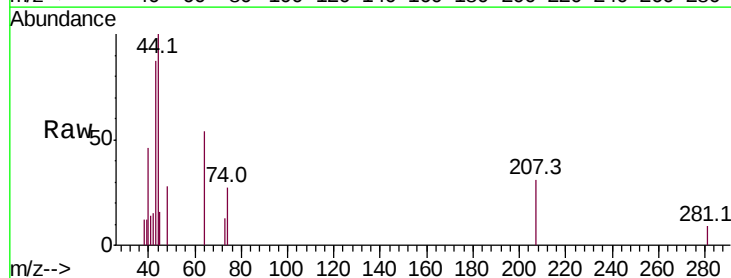
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

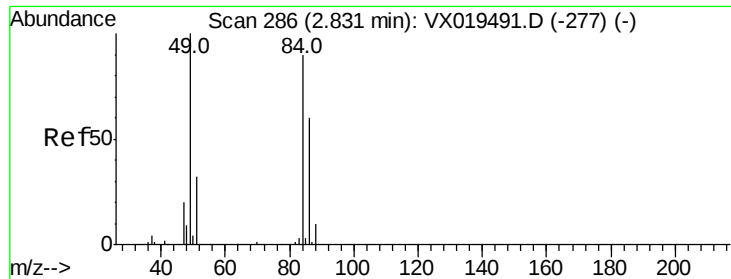
Tot Ion: 76 Resp: 5008
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.857 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
74 29.0 22.2 33.4

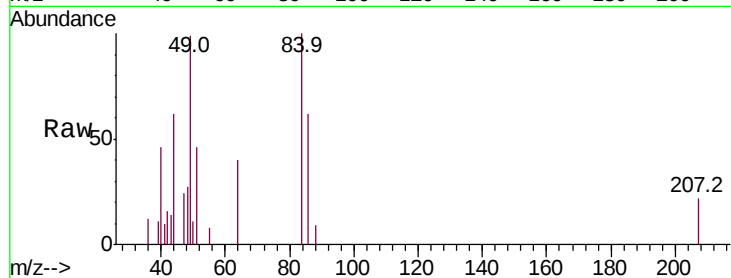




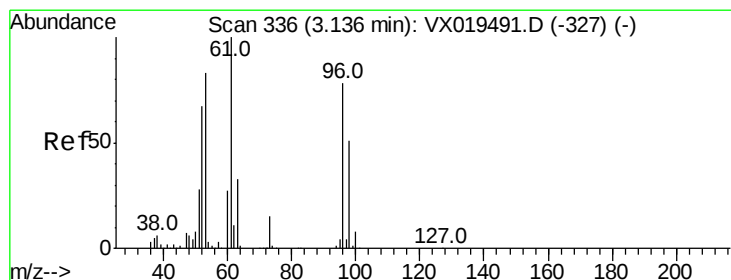
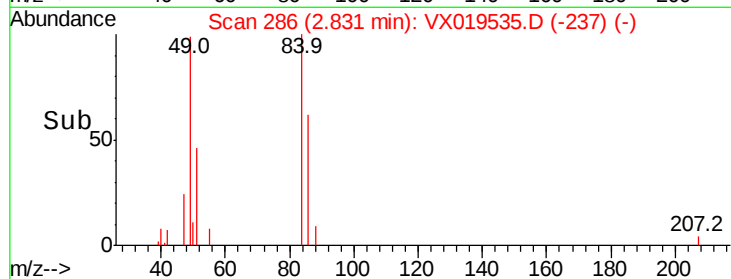
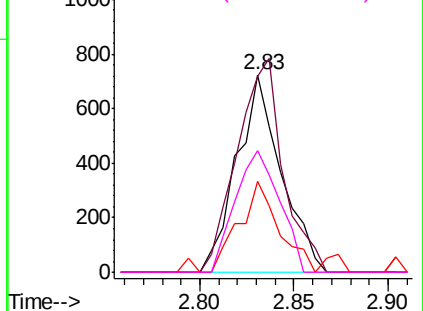
#20
Methvlene Chloride
Concen: 0.291 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

Tot Ion:	84	Resp:	1187
Ion	Ratio	Lower	Upper
84	100		
49	99.4	88.5	132.7
51	38.7	28.0	42.0
86	61.8	53.0	79.4

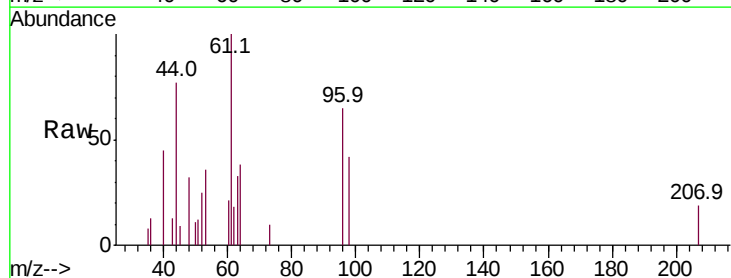


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

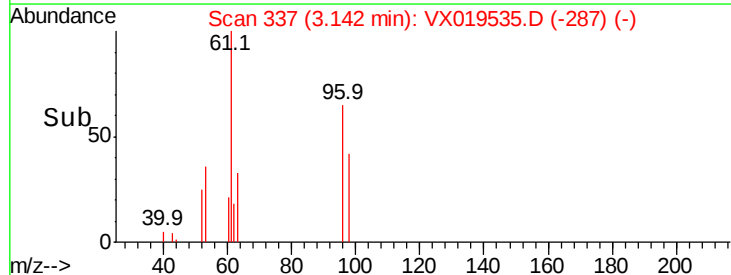
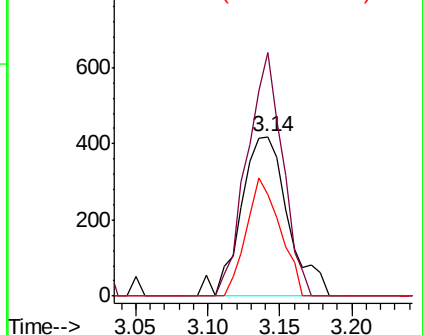


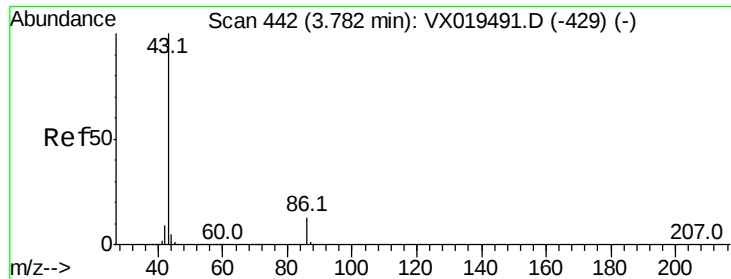
#21
trans-1,2-Dichloroethene
Concen: 0.258 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion:	96	Resp:	946
Ion	Ratio	Lower	Upper
96	100		
61	152.9	102.9	154.3
98	64.1	52.1	78.1



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





#23

Vinyl Acetate

Concen: 0.202 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

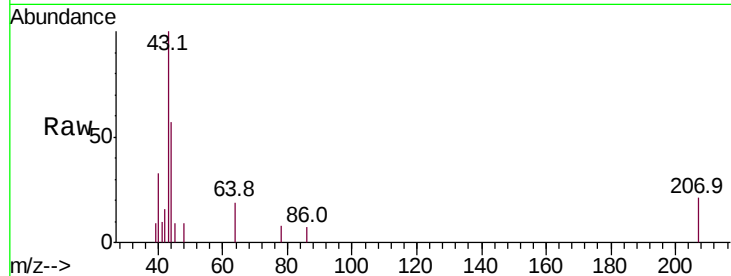
VX1121MBL01

Tot Ion: 43 Resp: 1777

Ion Ratio Lower Upper

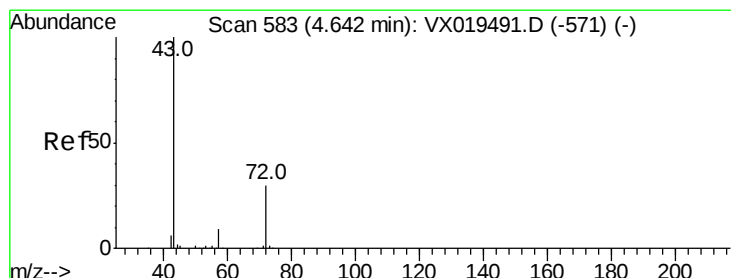
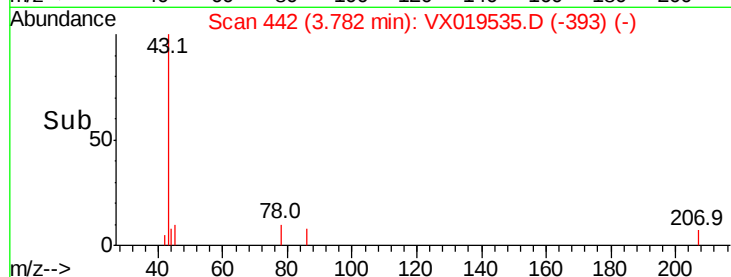
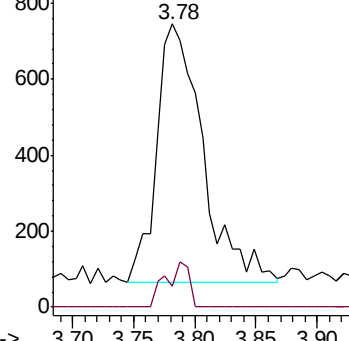
43 100

86 8.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 0.580 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019535.D

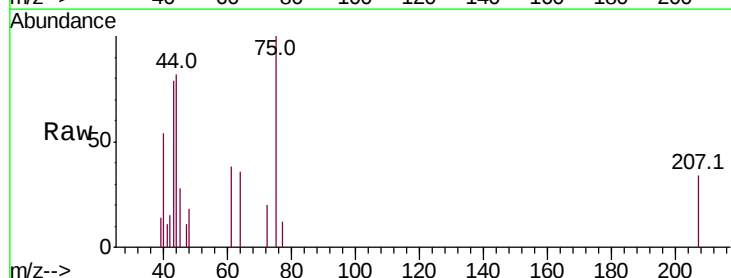
Acq: 21 Nov 2020 08:37

Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

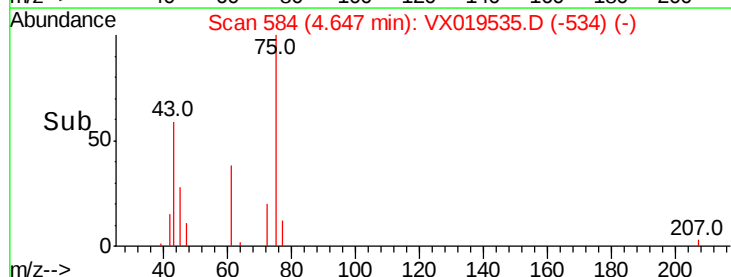
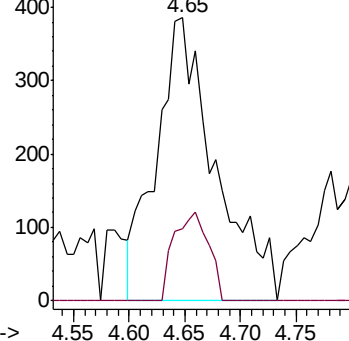
43 100

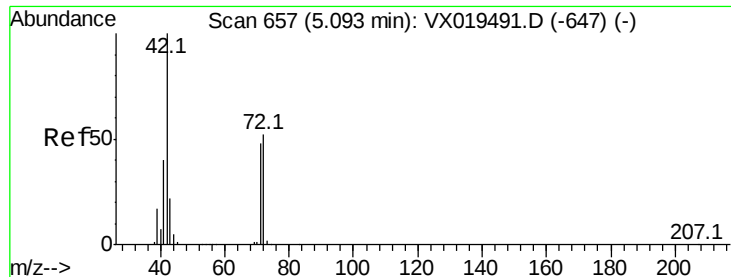
72 25.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

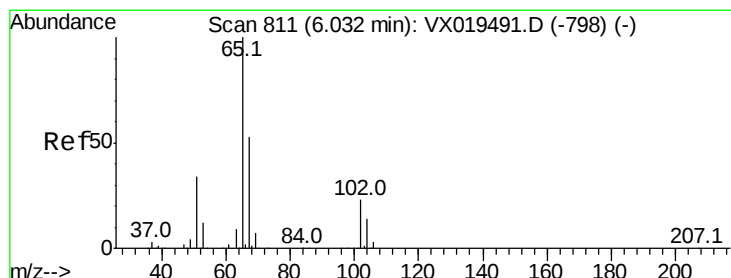
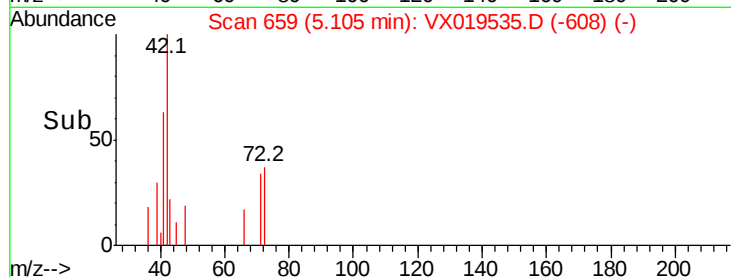
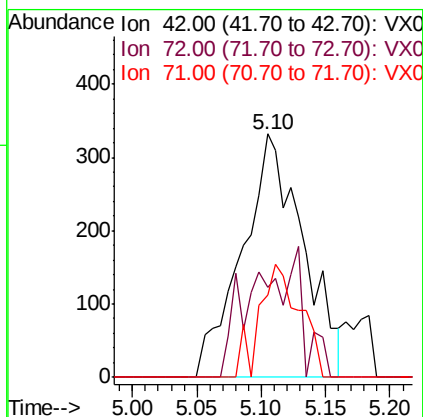
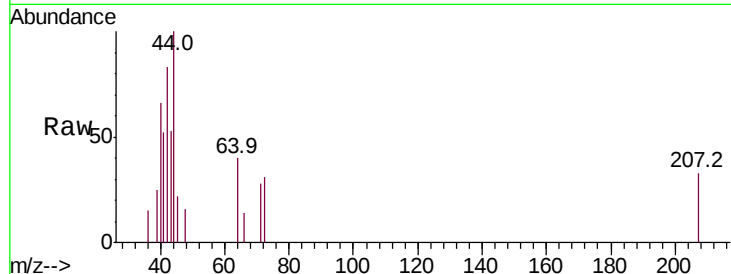




#29
Tetrahydrofuran
Concen: 0.697 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

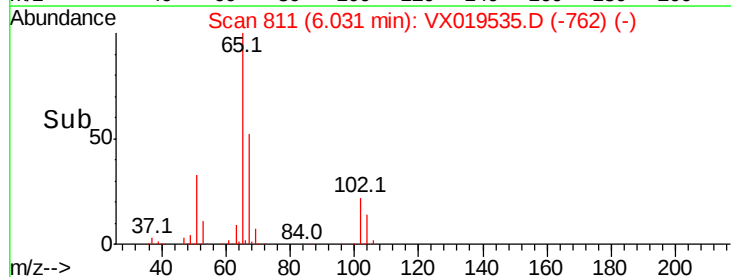
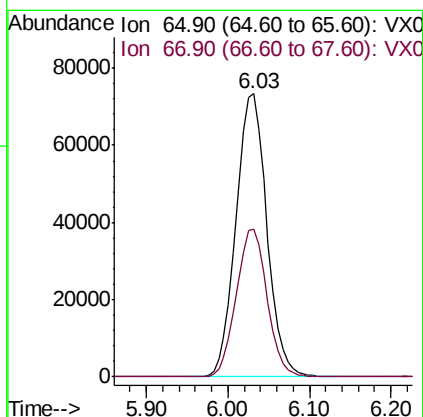
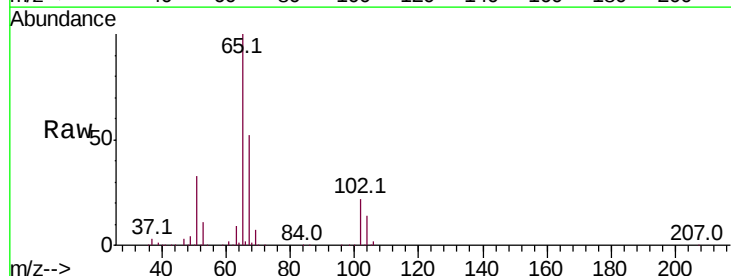
Instrument :
MSVOA_X
ClientSampled :
VX1121MBL01

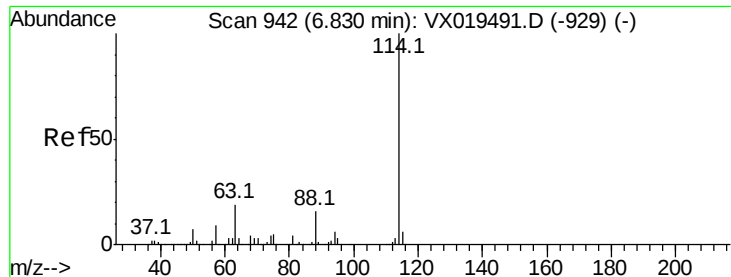
Tot Ion: 42 Resp: 1092
Ion Ratio Lower Upper
42 100
72 11.4 42.6 63.8#
71 30.7 39.0 58.6#



#33
1,2-Dichloroethane-d4
Concen: 45.582 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion: 65 Resp: 192651
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

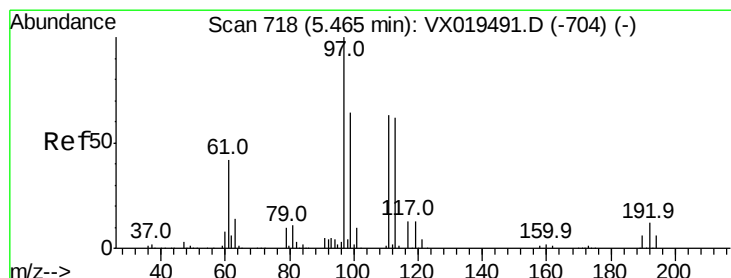
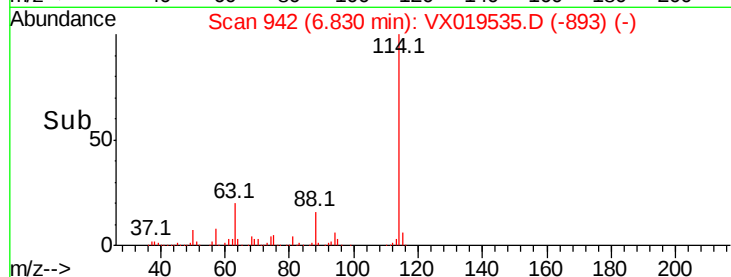
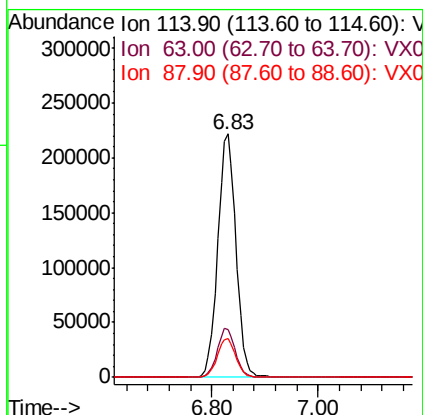
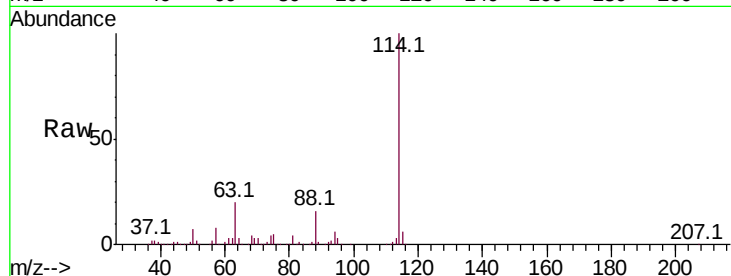




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

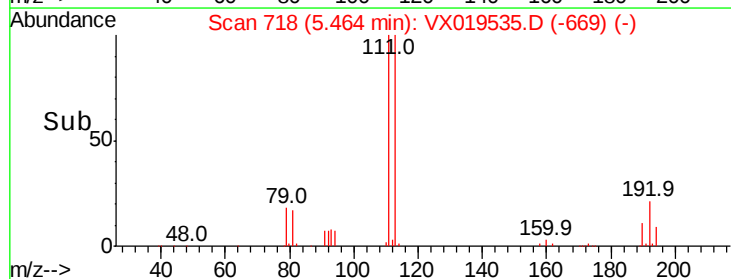
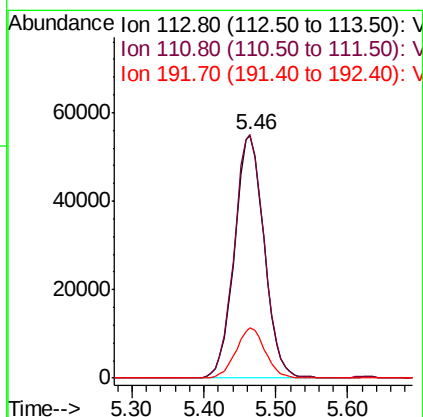
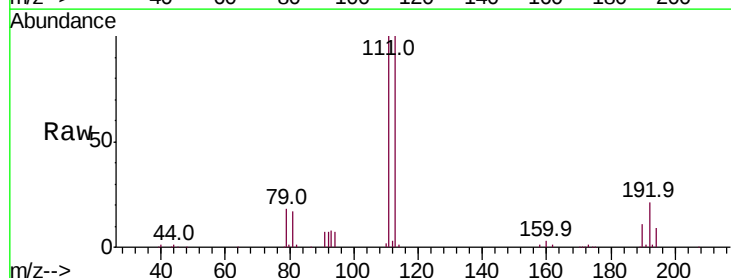
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

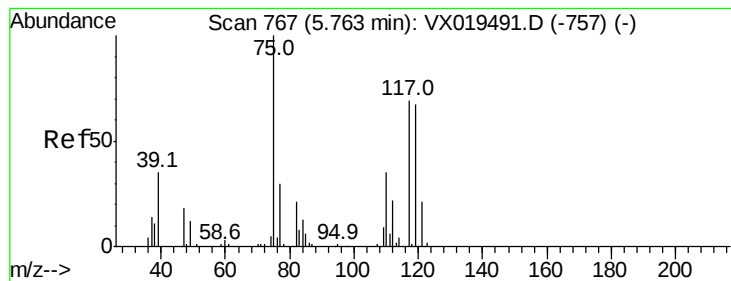
Tot Ion:114 Resp: 528505
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.137 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion:113 Resp: 156373
Ion Ratio Lower Upper
113 100
111 101.4 81.5 122.3
192 20.3 16.2 24.2





#36

1,1-Dichloropropene

Concen: 0.214 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampled :

VX1121MBL01

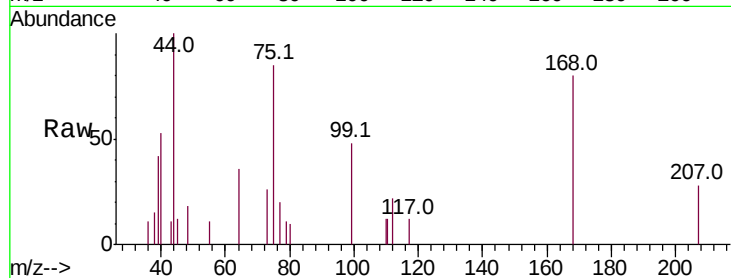
Tot Ion: 75 Resp: 1061

Ion Ratio Lower Upper

75 100

110 27.6 18.1 54.3

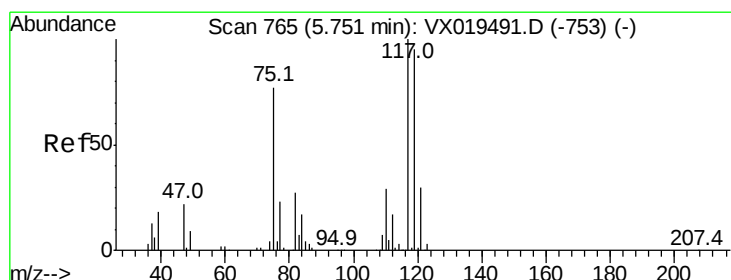
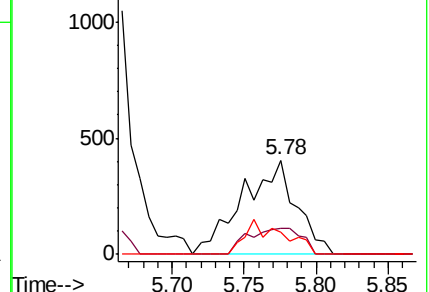
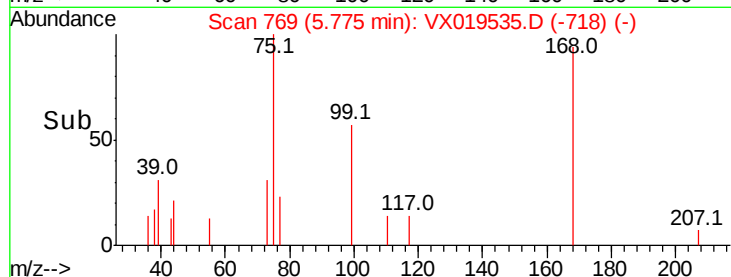
77 26.1 24.2 36.4



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



#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

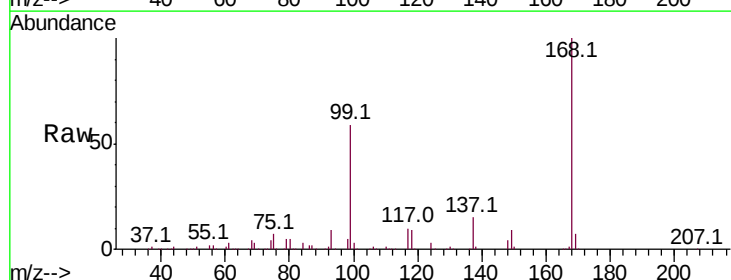
Tgt Ion: 117 Resp: 31798

Ion Ratio Lower Upper

117 100

119 4.3 75.9 113.9#

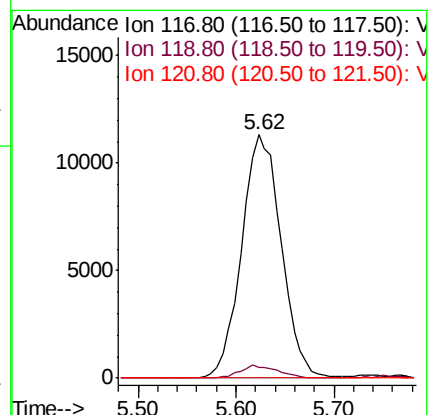
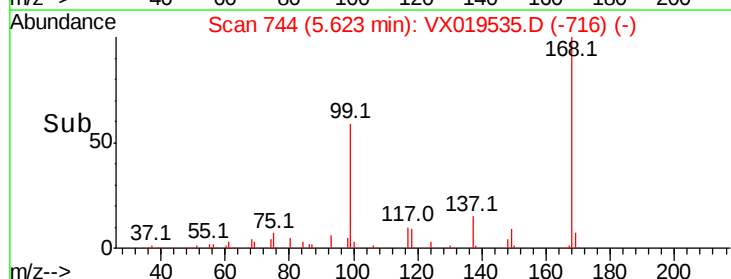
121 0.0 24.0 36.0#

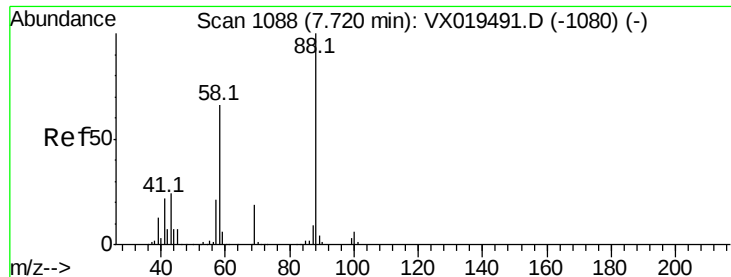


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

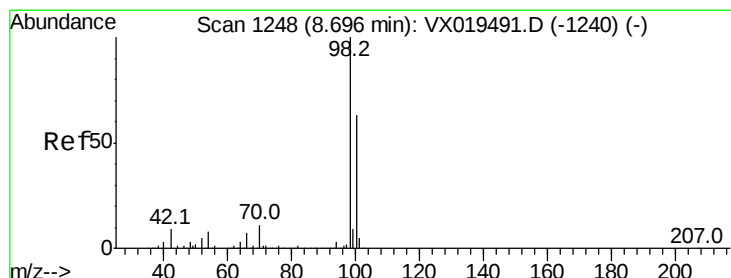
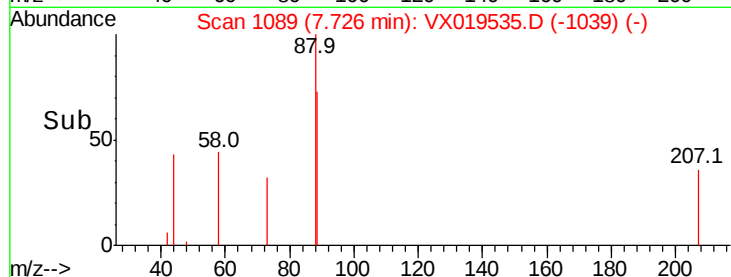
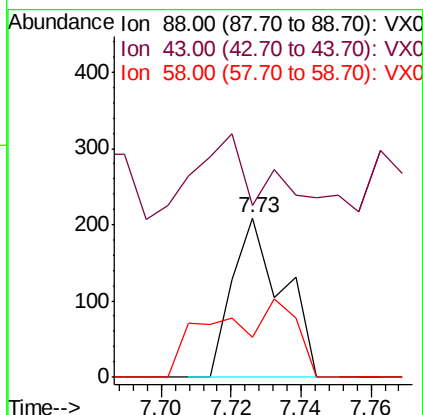
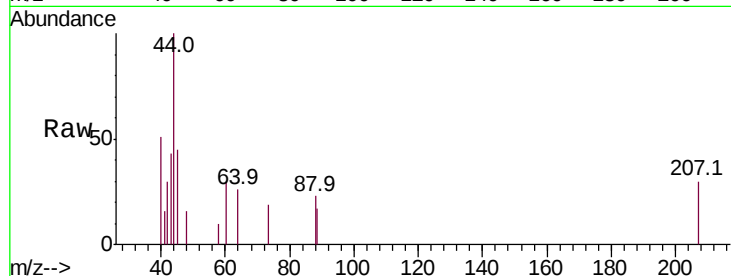




#49
1,4-Dioxane
Concen: 2.526 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

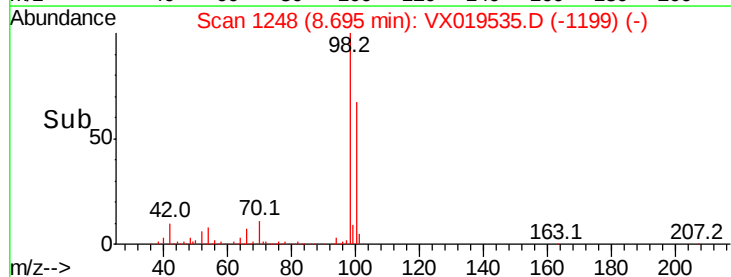
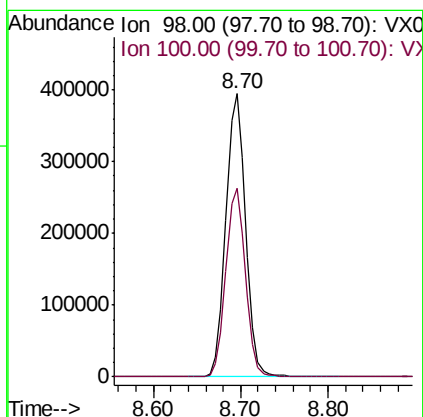
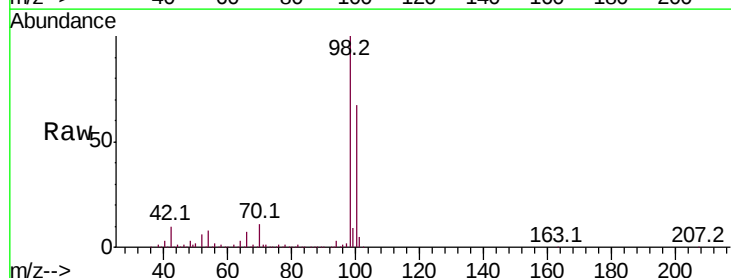
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

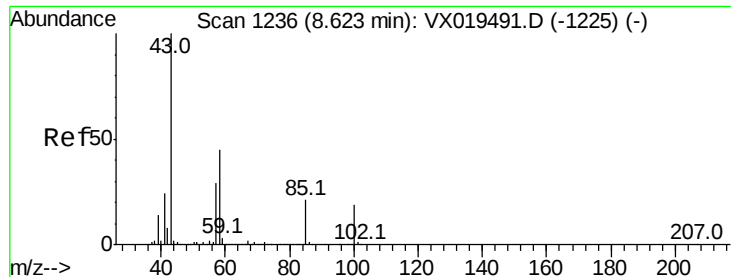
Tot Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 73.3 23.8 35.6#
58 78.6 54.2 81.2



#50
Toluene-d8
Concen: 47.748 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion: 98 Resp: 615533
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.226 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

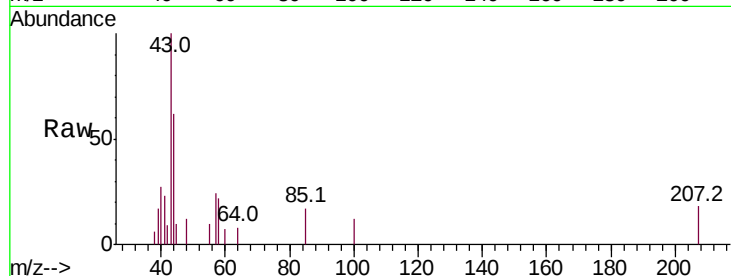
VX1121MBL01

Tot Ion: 43 Resp: 1031

Ion Ratio Lower Upper

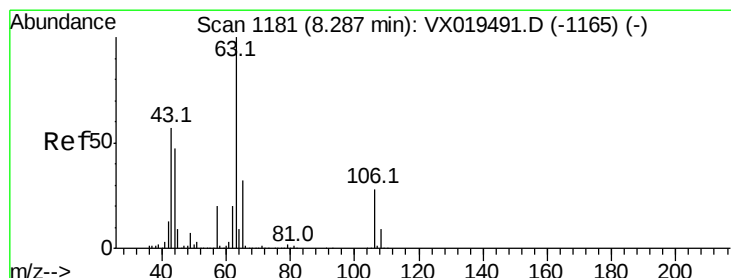
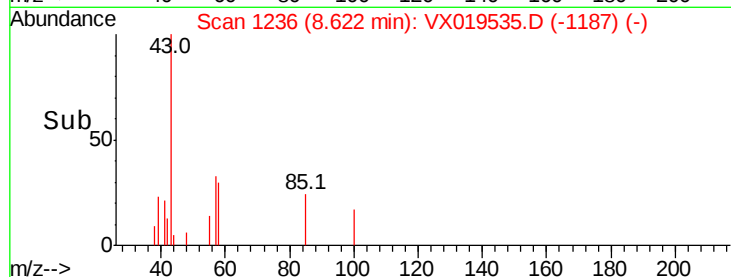
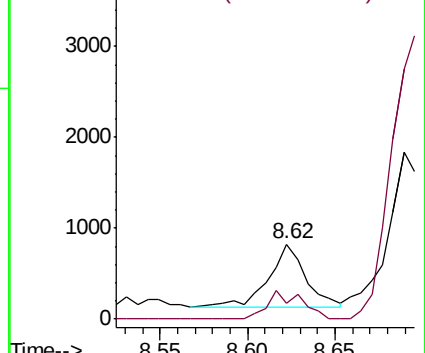
43 100

58 41.2 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.244 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019535.D

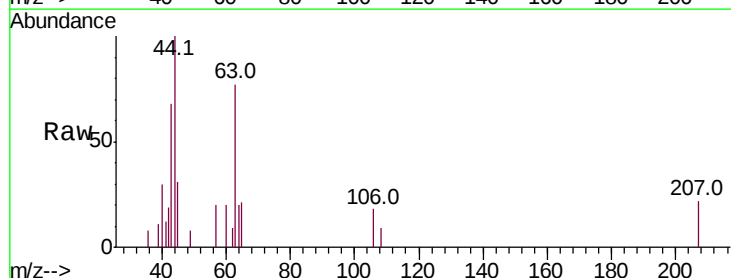
Acq: 21 Nov 2020 08:37

Tgt Ion: 63 Resp: 767

Ion Ratio Lower Upper

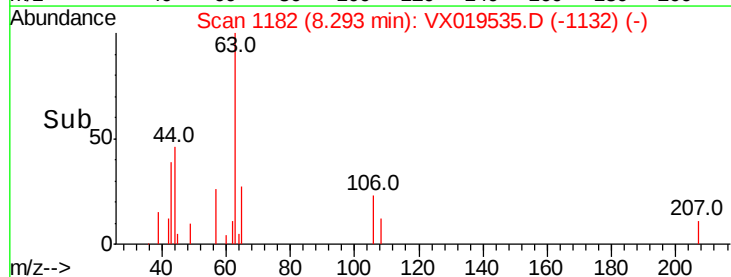
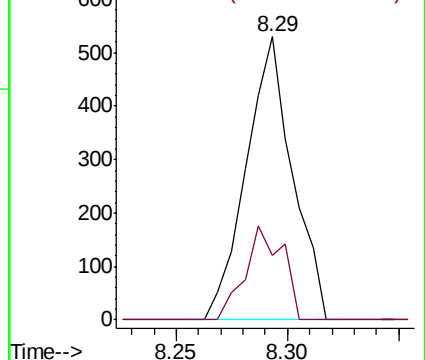
63 100

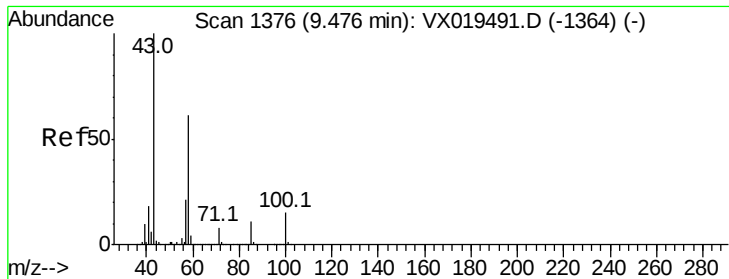
106 27.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

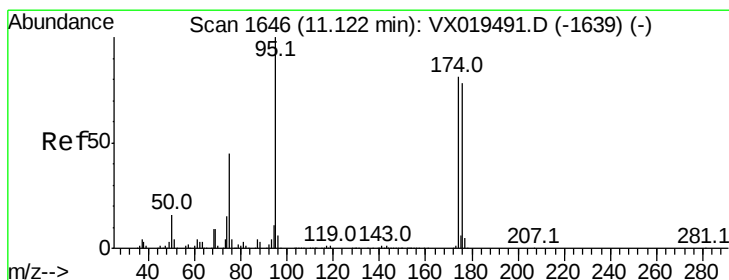
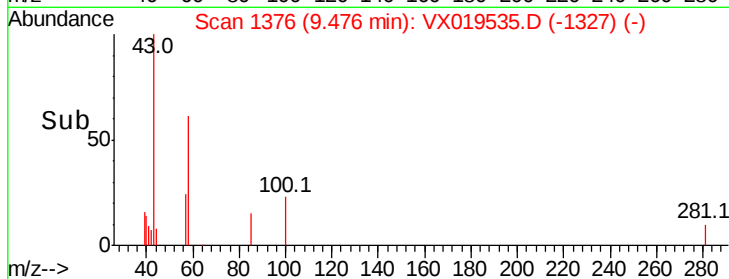
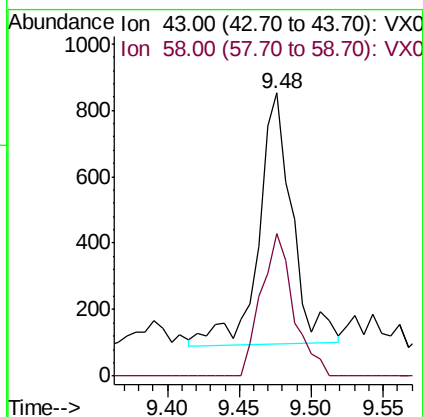
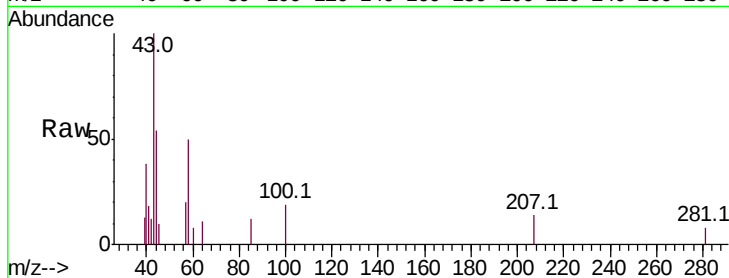




#59
2-Hexanone
Concen: 0.353 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

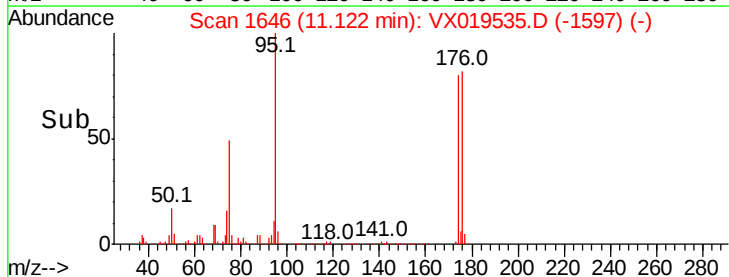
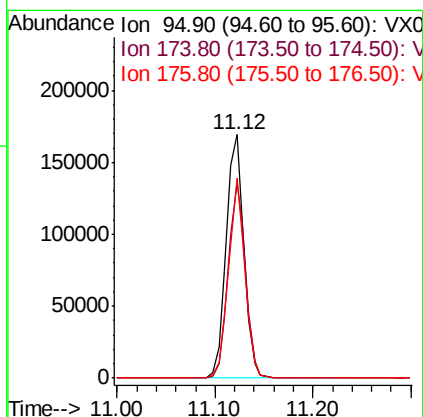
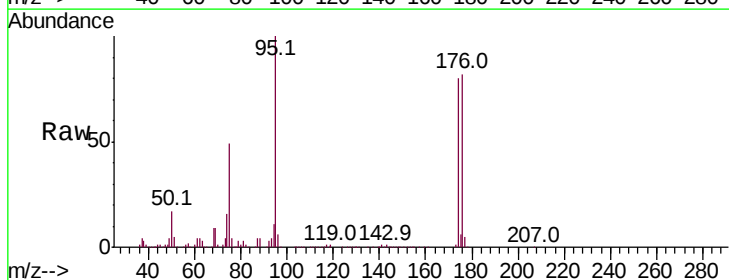
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

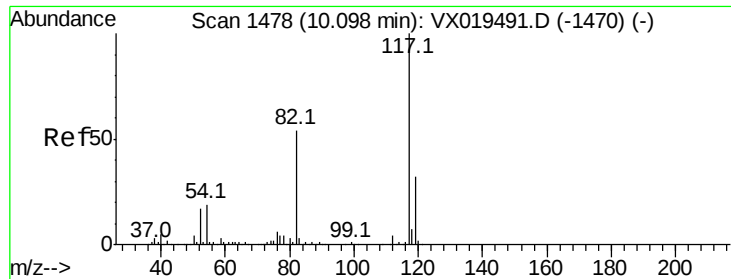
Tot Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 54.7 30.6 91.6



#62
4-Bromofluorobenzene
Concen: 45.931 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion: 95 Resp: 213031
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.2
176 76.1 0.0 151.4

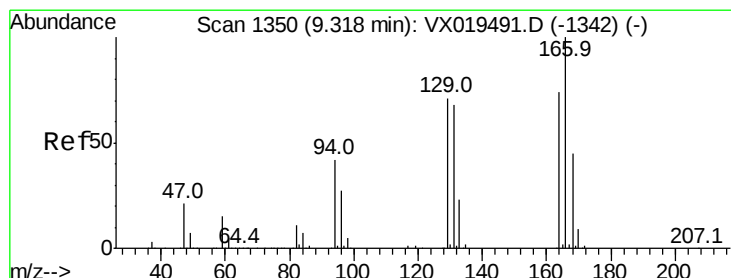
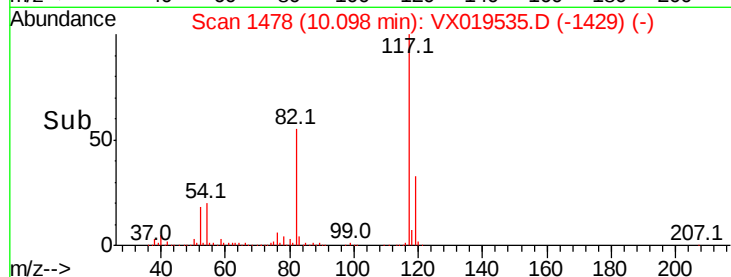
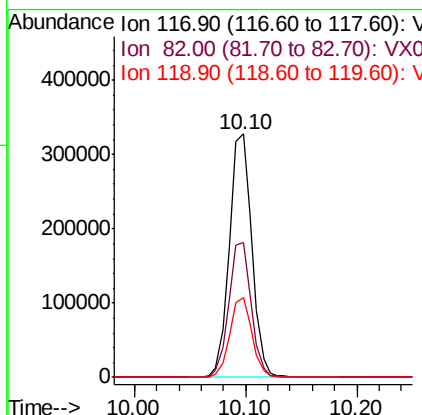
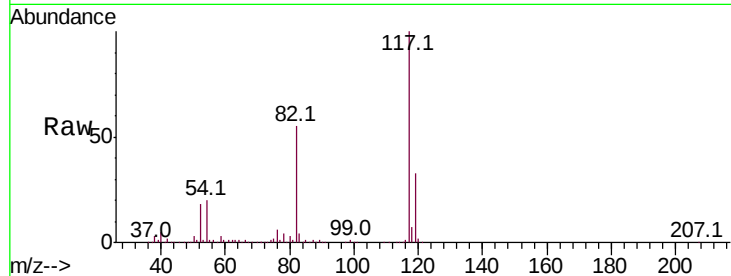




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

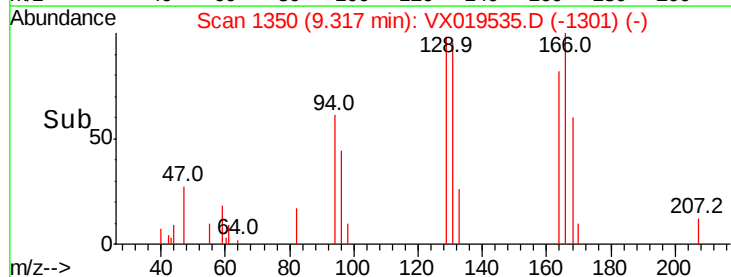
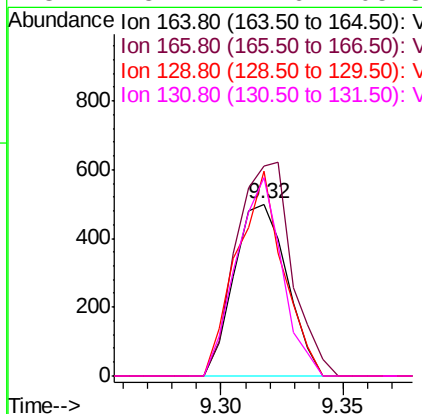
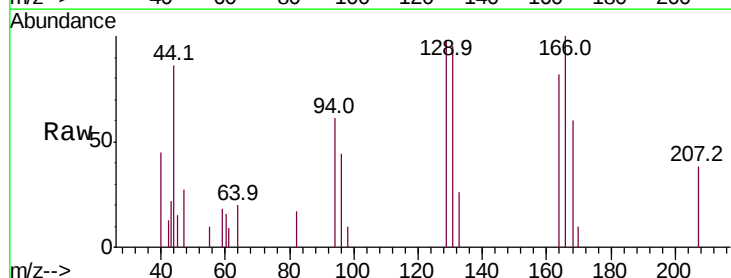
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

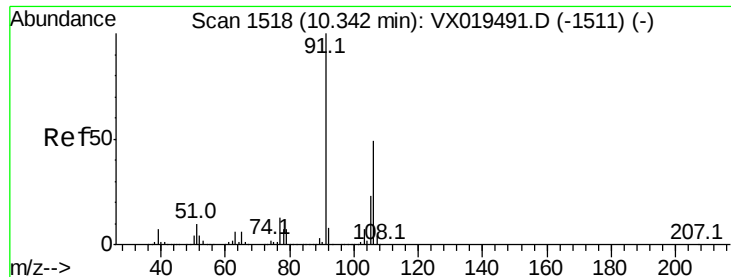
Tot Ion:117 Resp: 458566
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 0.209 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion:164 Resp: 754
Ion Ratio Lower Upper
164 100
166 122.0 107.4 161.0
129 119.2 76.6 114.8#
131 115.4 72.6 108.8#





#68

m/p-Xvlenes

Concen: 0.273 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampled :

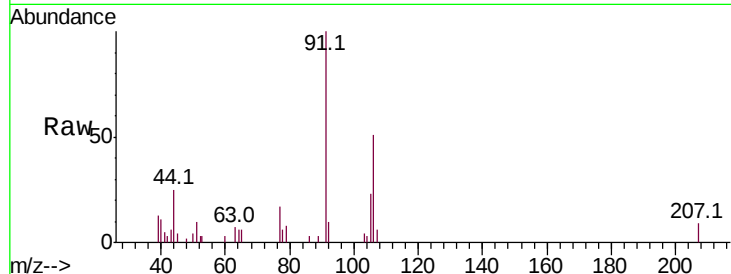
VX1121MBL01

Tot Ion:106 Resp: 1681

Ion Ratio Lower Upper

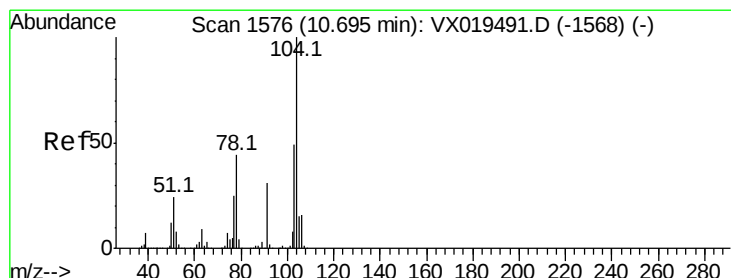
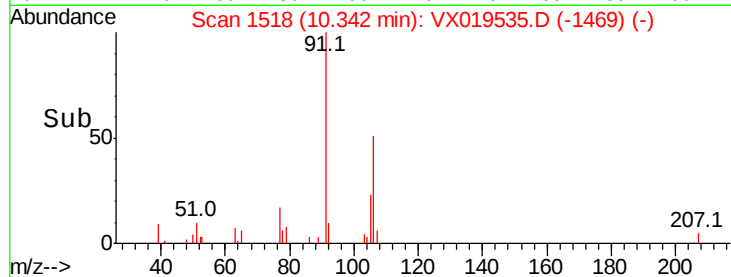
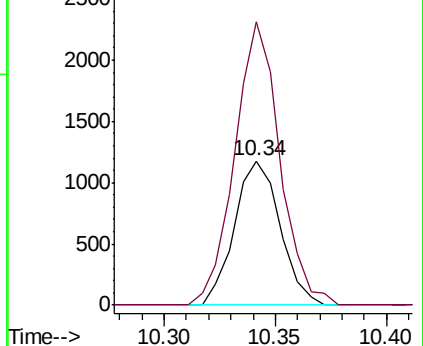
106 100

91 194.3 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 1.748 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

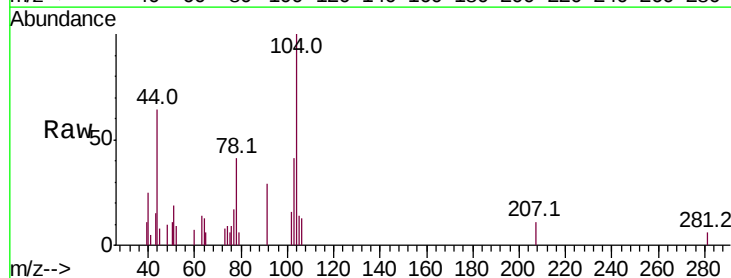
Tgt Ion:104 Resp: 1151

Ion Ratio Lower Upper

104 100

78 57.0 39.5 59.3

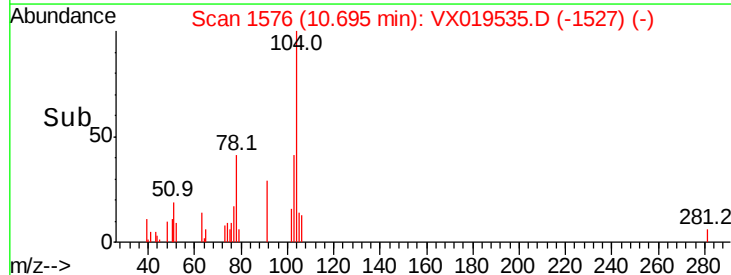
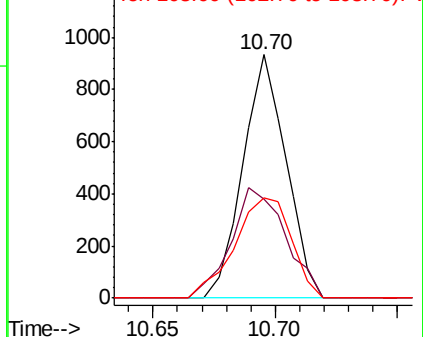
103 54.2 43.6 65.4

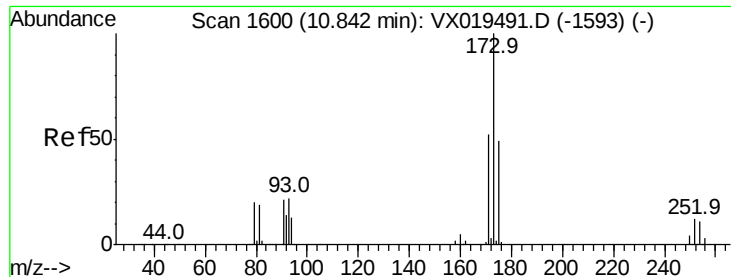


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.655 ug/l

RT: 10.85 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBL01

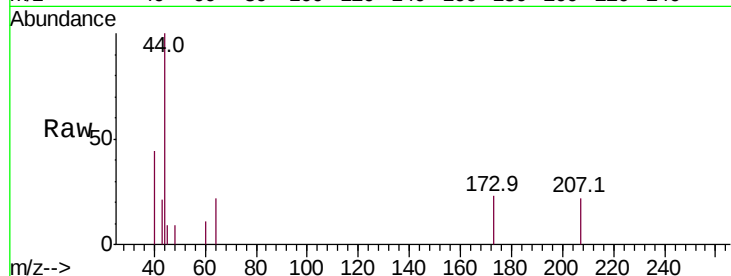
Tot Ion:173 Resp: 164

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.8#

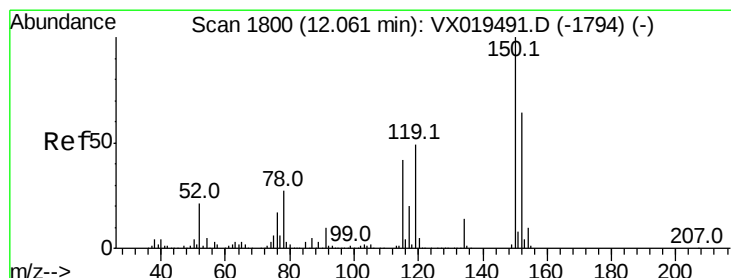
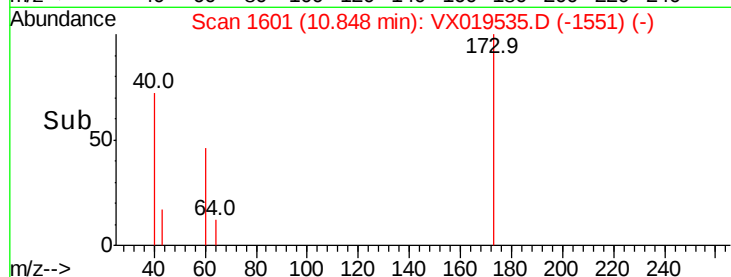
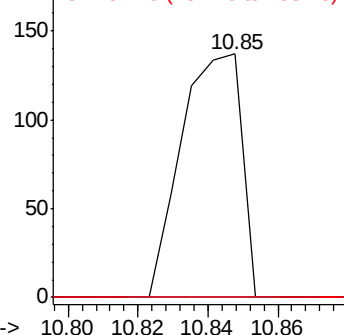
254 0.0 0.1 0.1#



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: VX019535.D

Acq: 21 Nov 2020 08:37

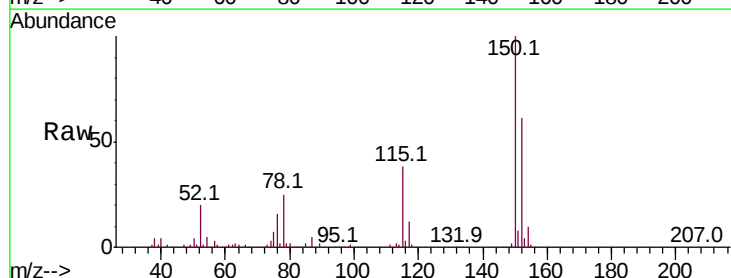
Tgt Ion:152 Resp: 192967

Ion Ratio Lower Upper

152 100

115 61.1 41.8 125.4

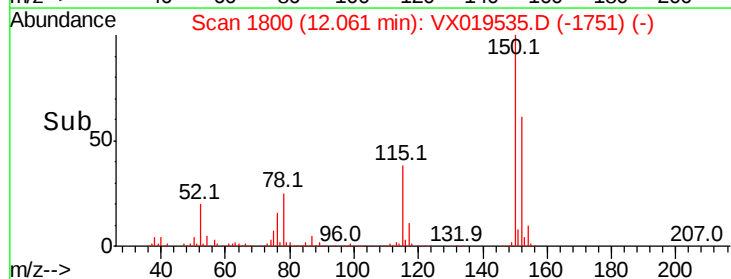
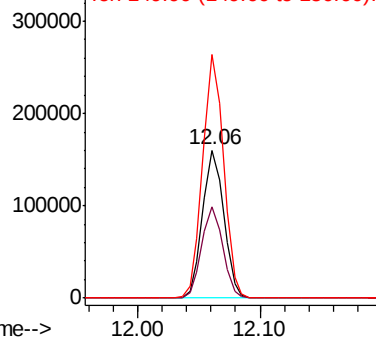
150 160.7 0.0 348.2

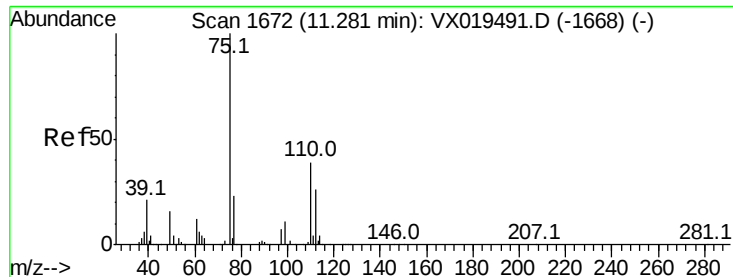


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.793 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

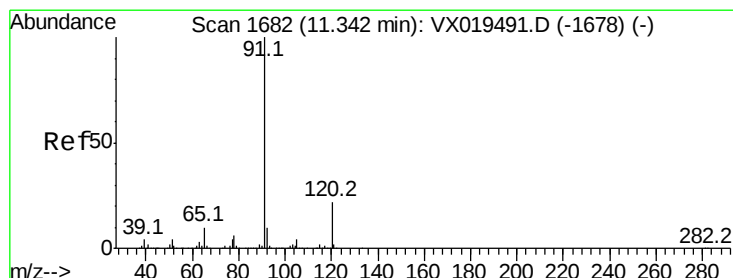
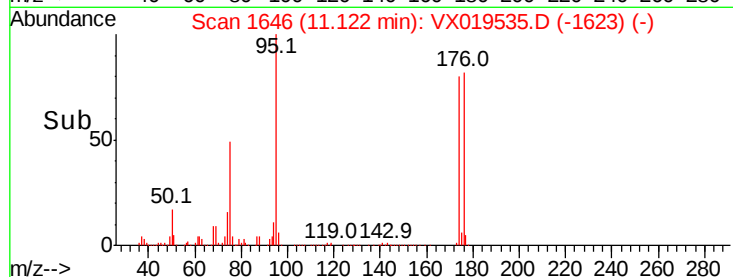
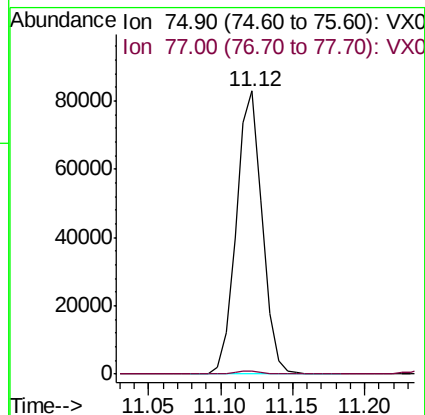
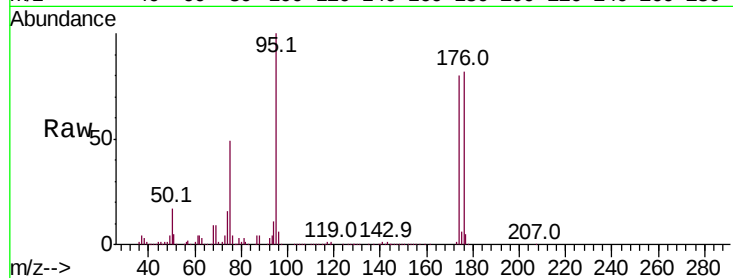
VX1121MBL01

Tot Ion: 75 Resp: 104409

Ion Ratio Lower Upper

75 100

77 1.3 20.0 60.0#



#78

n-propylbenzene

Concen: 0.211 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019535.D

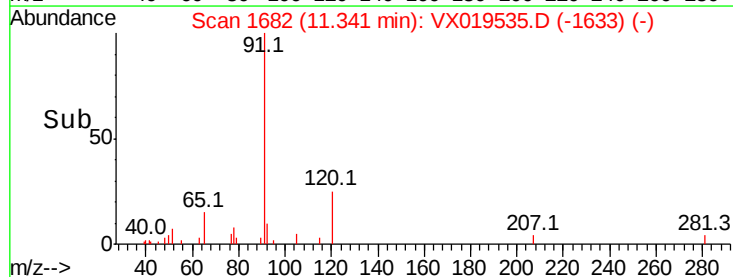
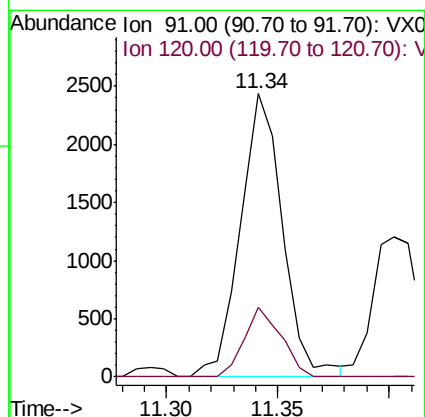
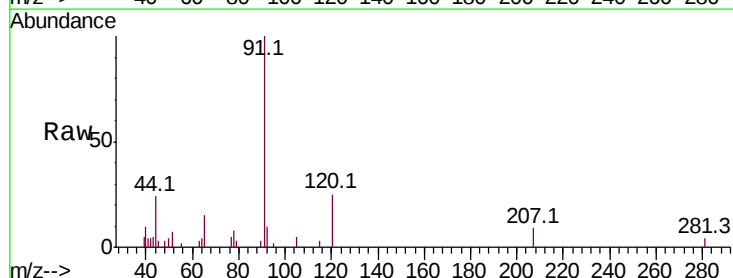
Acq: 21 Nov 2020 08:37

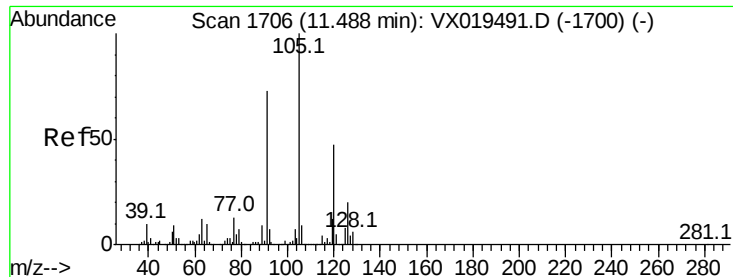
Tgt Ion: 91 Resp: 3229

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.201 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

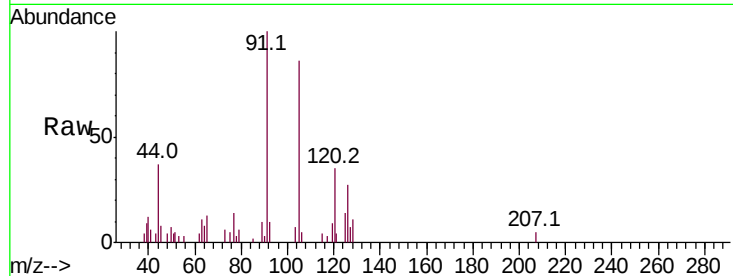
VX1121MBL01

Tot Ion:105 Resp: 2249

Ion Ratio Lower Upper

105 100

120 43.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000

1500

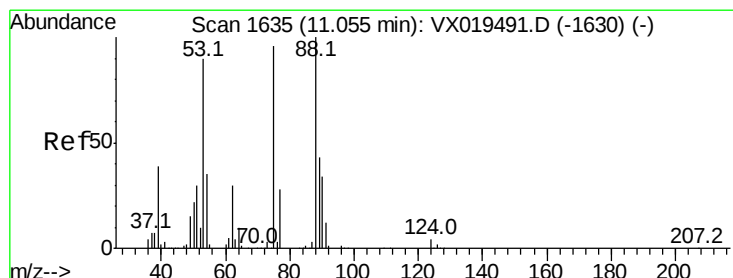
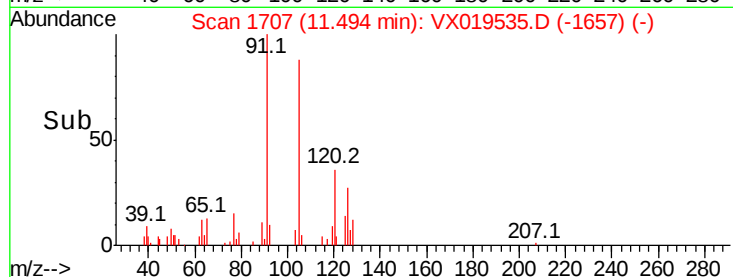
1000

500

0

11.45 11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 65.528 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

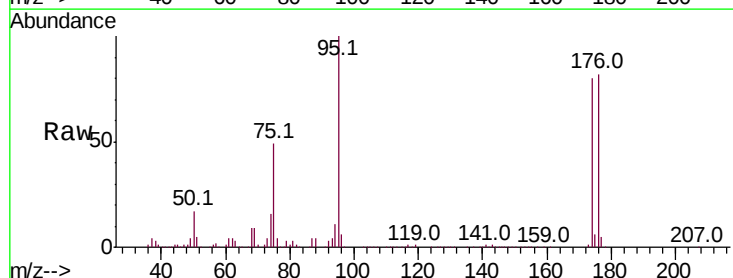
Tgt Ion: 75 Resp: 104409

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.3 55.9#



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

100000

80000

60000

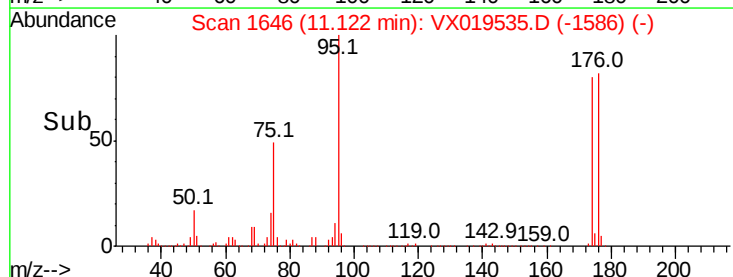
40000

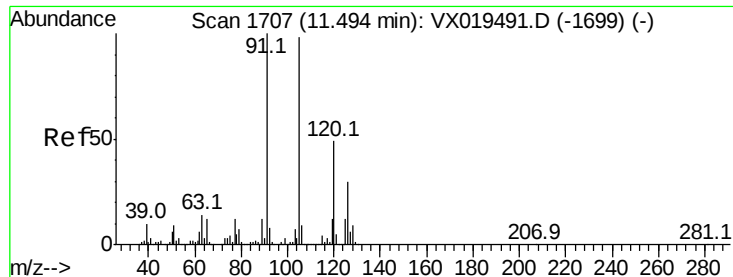
20000

0

11.05 11.10 11.15 11.20

Time-->





#82

4-Chlorotoluene

Concen: 0.244 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

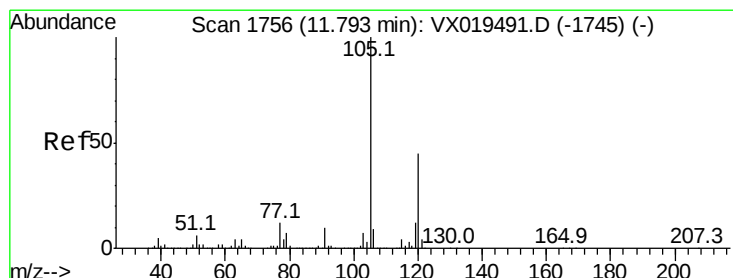
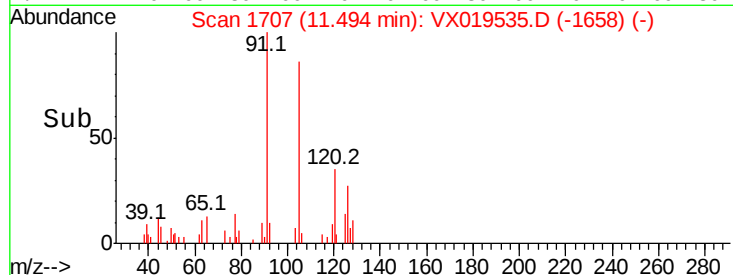
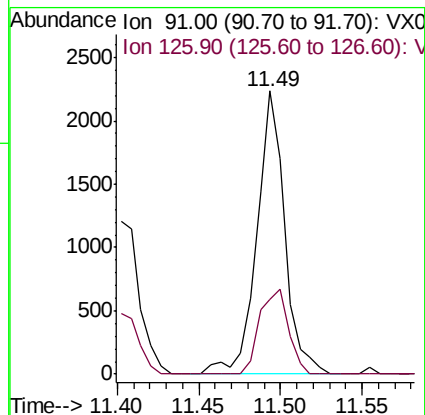
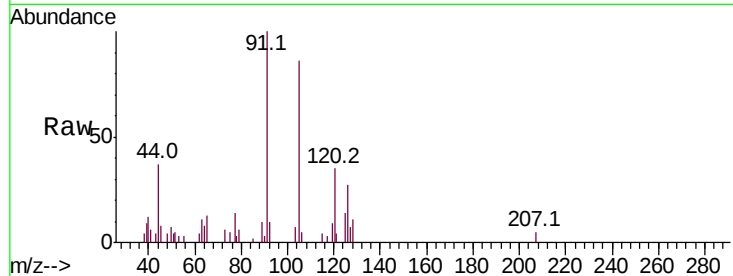
VX1121MBL01

Tot Ion: 91 Resp: 2669

Ion Ratio Lower Upper

91 100

126 30.9 14.9 44.7



#84

1,2,4-Trimethylbenzene

Concen: 0.216 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019535.D

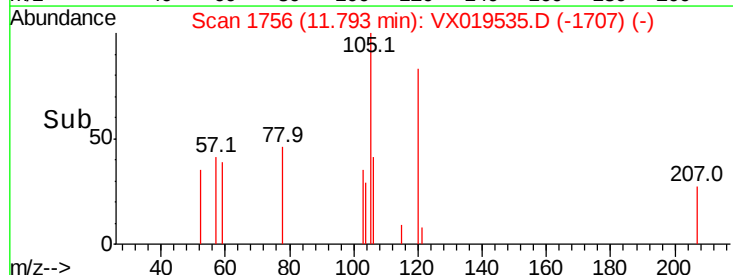
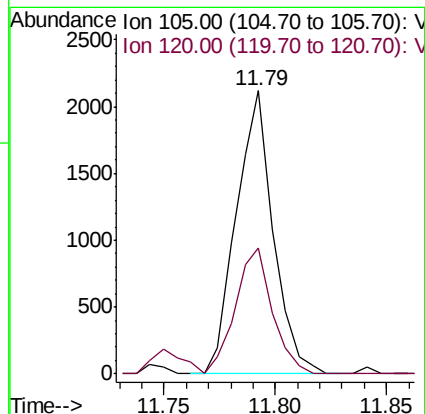
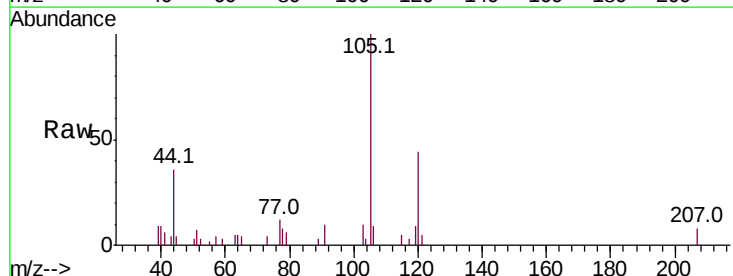
Acq: 21 Nov 2020 08:37

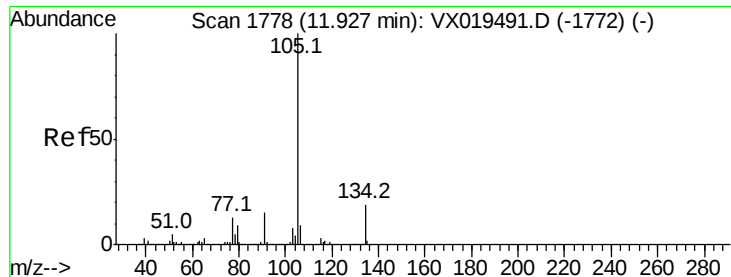
Tgt Ion: 105 Resp: 2447

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.222 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampled :

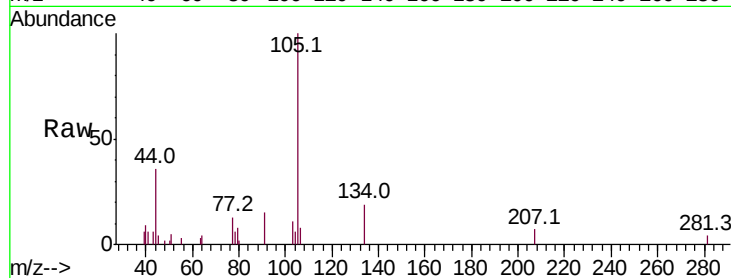
VX1121MBL01

Tot Ion:105 Resp: 2855

Ion Ratio Lower Upper

105 100

134 18.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500

2000

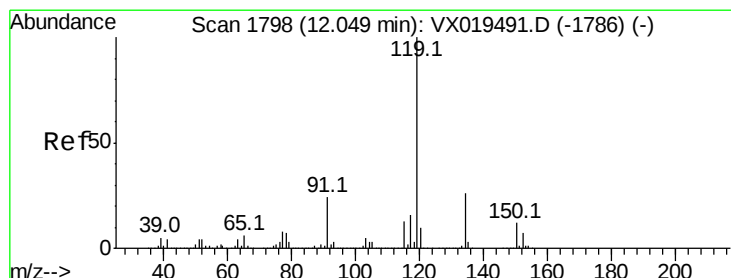
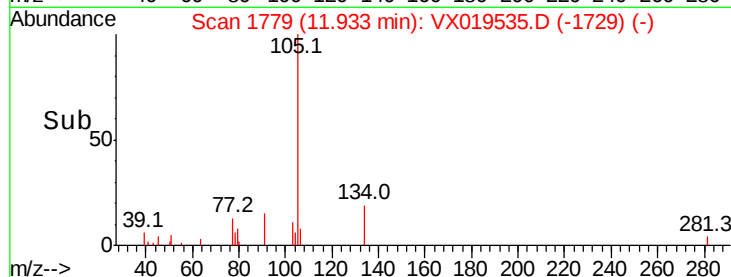
1500

1000

500

0

Time--> 11.90 11.95



#86

p-Isopropyltoluene

Concen: 0.219 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

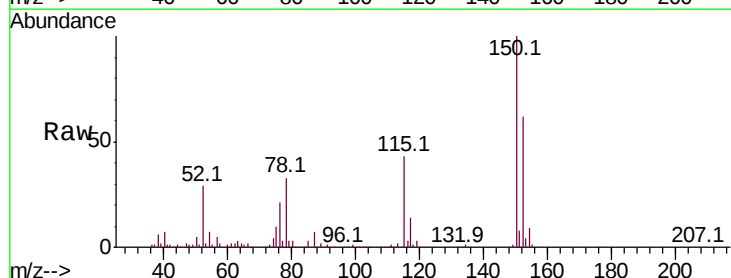
Tgt Ion:119 Resp: 2567

Ion Ratio Lower Upper

119 100

134 33.4 13.1 39.3

91 47.3 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

2500

2000

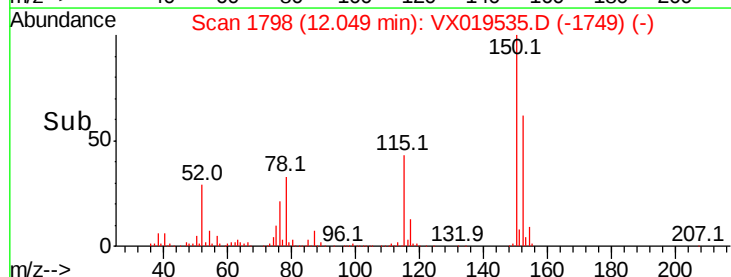
1500

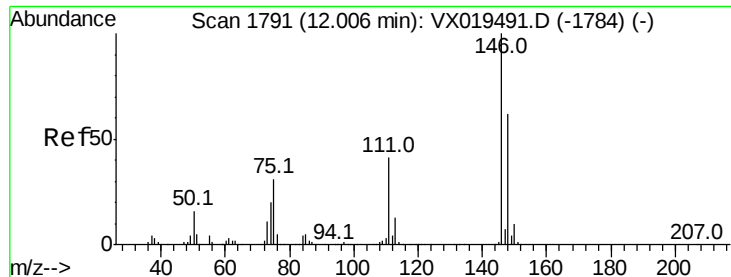
1000

500

0

Time--> 12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 0.319 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBL01

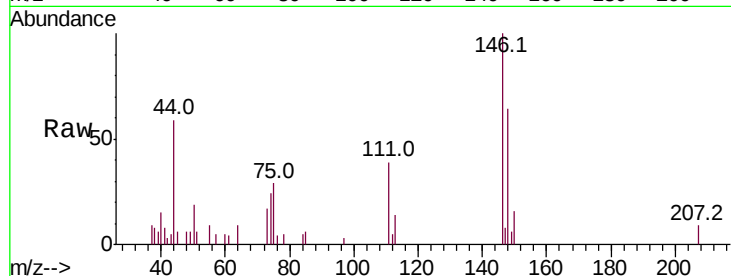
Tot Ion:146 Resp: 1995

Ion Ratio Lower Upper

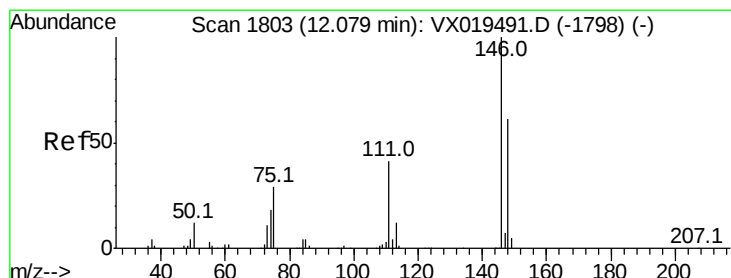
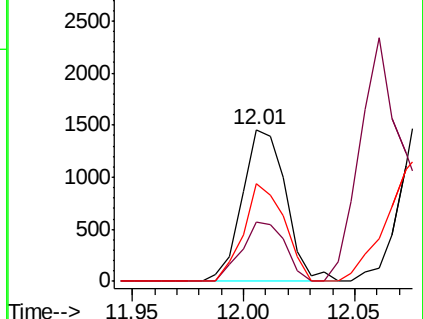
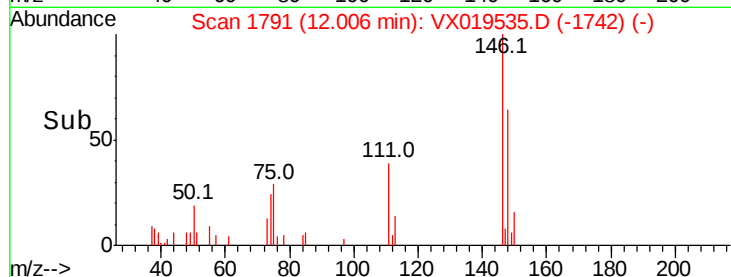
146 100

111 38.3 20.2 60.6

148 60.1 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.309 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.07 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

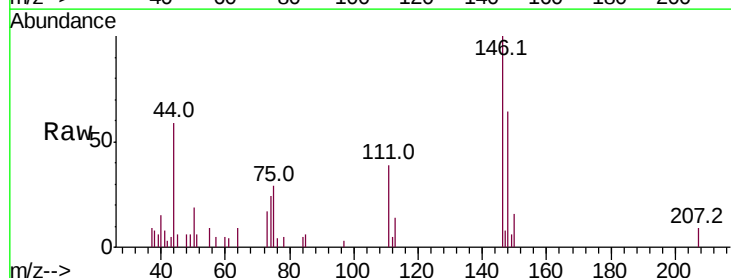
Tgt Ion:146 Resp: 1995

Ion Ratio Lower Upper

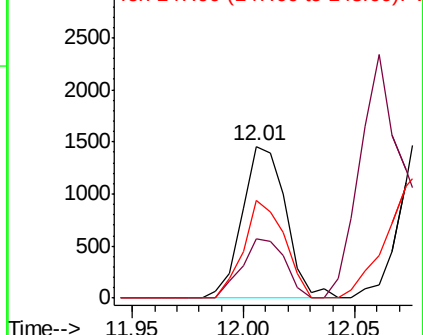
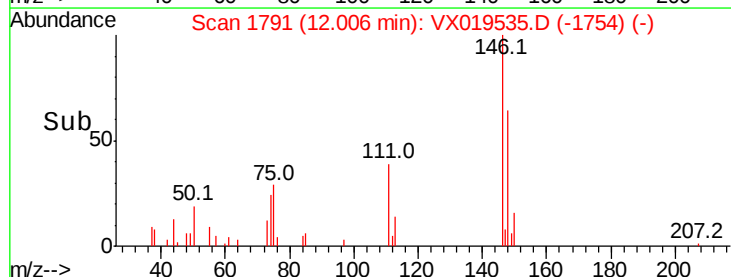
146 100

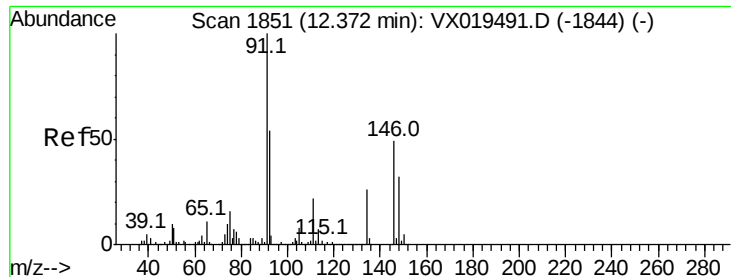
111 38.3 19.9 59.6

148 60.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

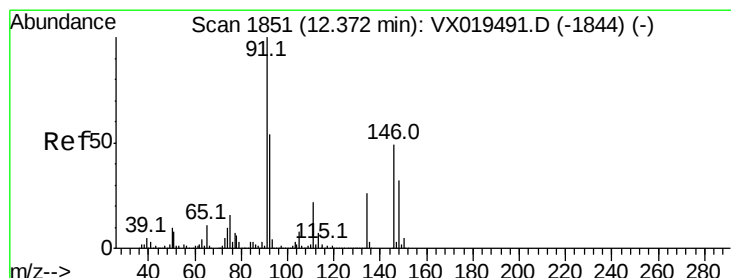
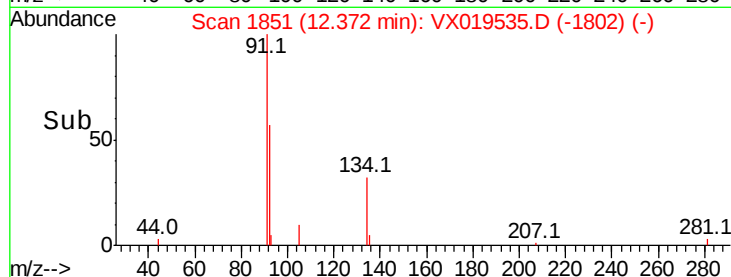
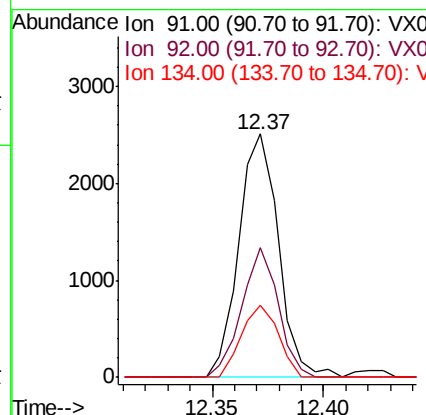
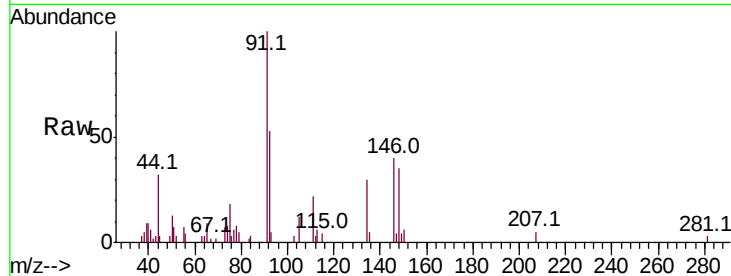




#89
n-Butylbenzene
Concen: 0.295 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

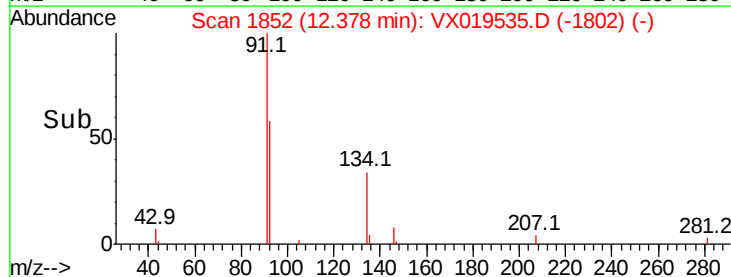
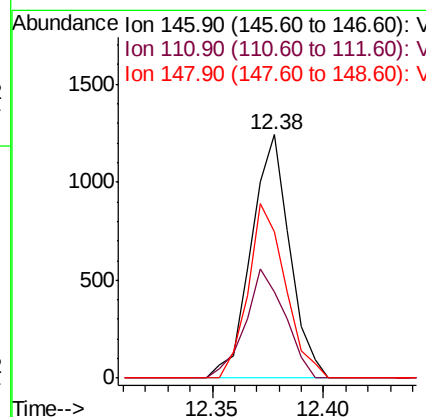
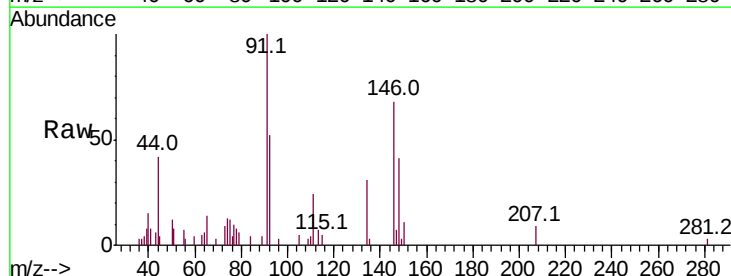
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

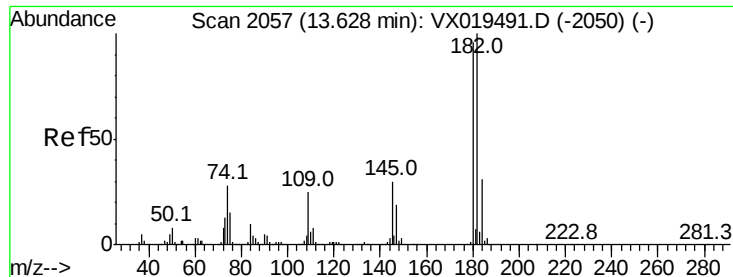
Tot Ion: 91 Resp: 3121
Ion Ratio Lower Upper
91 100
92 49.1 26.9 80.6
134 27.4 12.9 38.6



#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019535.D
Acq: 21 Nov 2020 08:37

Tgt Ion: 146 Resp: 1501
Ion Ratio Lower Upper
146 100
111 45.8 21.1 63.3
148 69.3 32.4 97.0

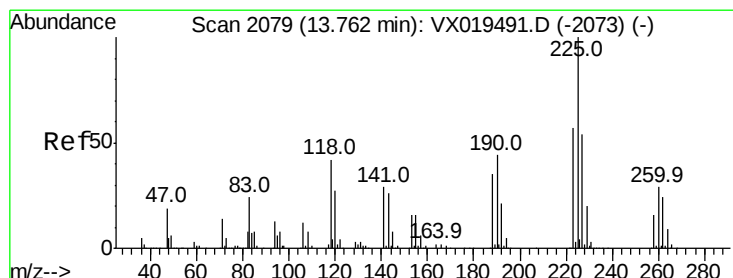
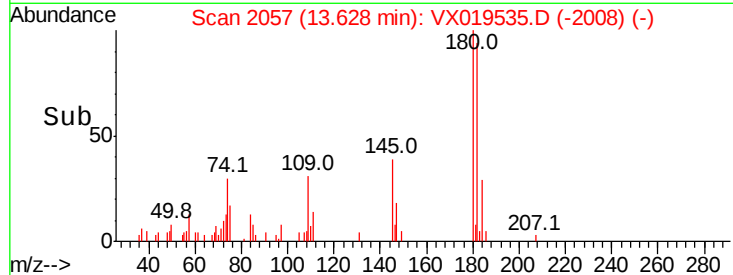
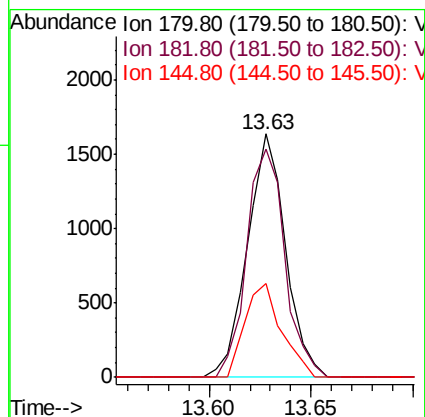
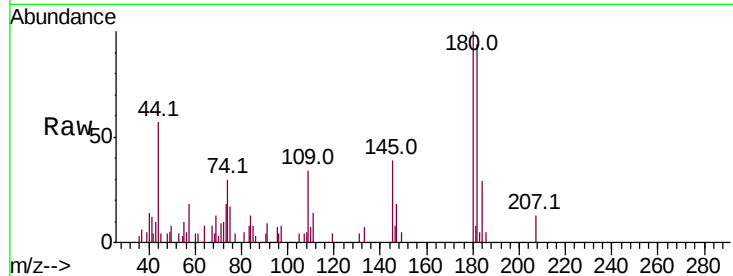




#93
 1,2,4-Trichlorobenzene
 Concen: 0.527 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

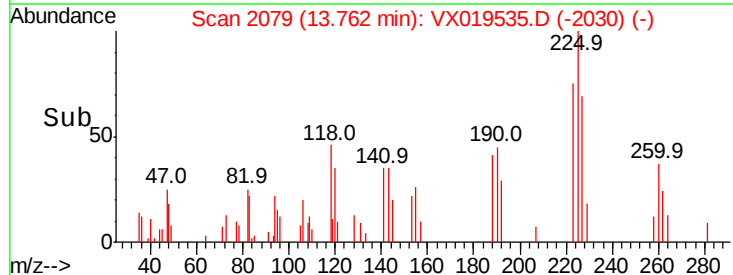
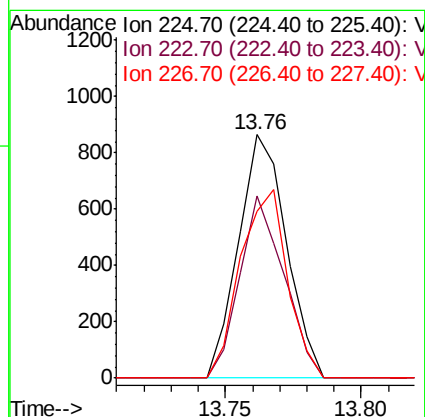
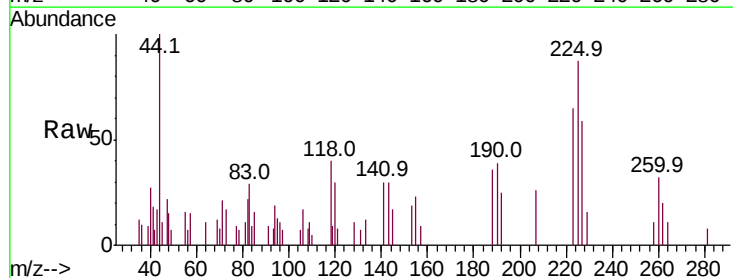
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

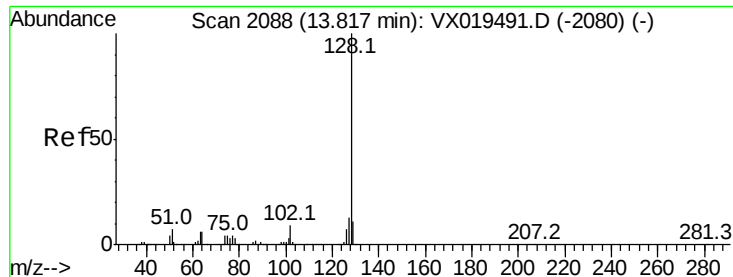
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.6	145.9
145	36.9	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 0.573 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019535.D
 Acq: 21 Nov 2020 08:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.2	32.5	97.5
227	76.4	32.8	98.3





#95

Naphthalene

Concen: 2.619 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBL01

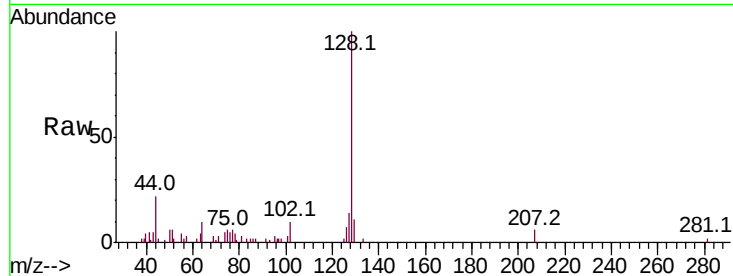
Tot Ion:128 Resp: 6556

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

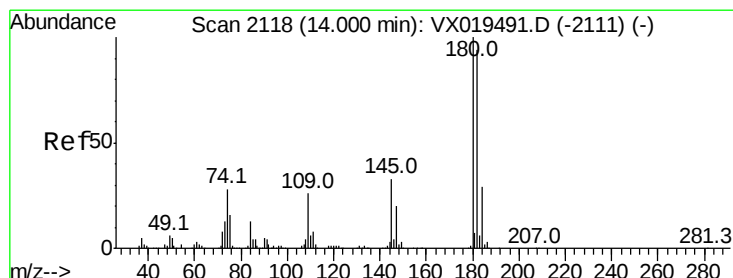
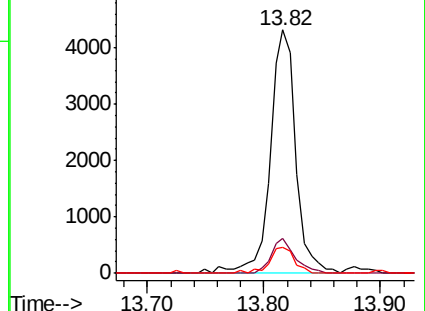
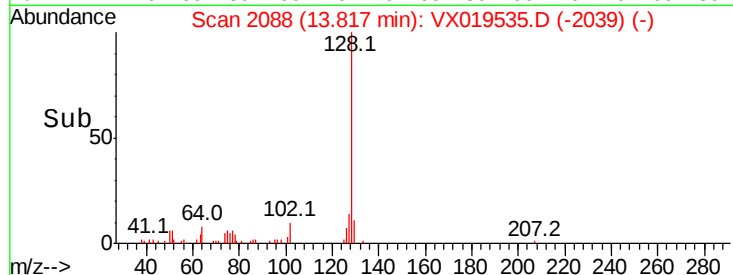
129 10.4 8.7 13.1



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: 0.544 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019535.D

Acq: 21 Nov 2020 08:37

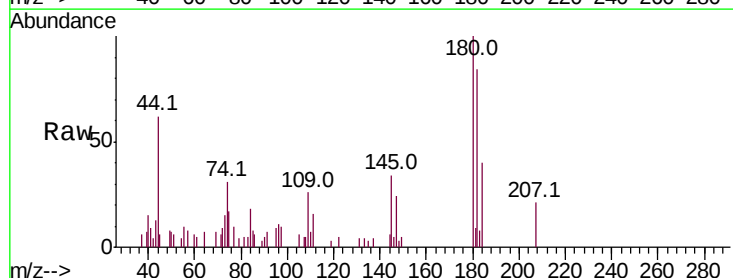
Tgt Ion:180 Resp: 2197

Ion Ratio Lower Upper

180 100

182 93.0 48.1 144.3

145 36.2 16.6 49.8



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

