

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020851.D
 Acq On : 03 Feb 2021 19:24
 Operator : JC/SP
 Sample : M1289-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-FD-02

Quant Time: Feb 04 02:27:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

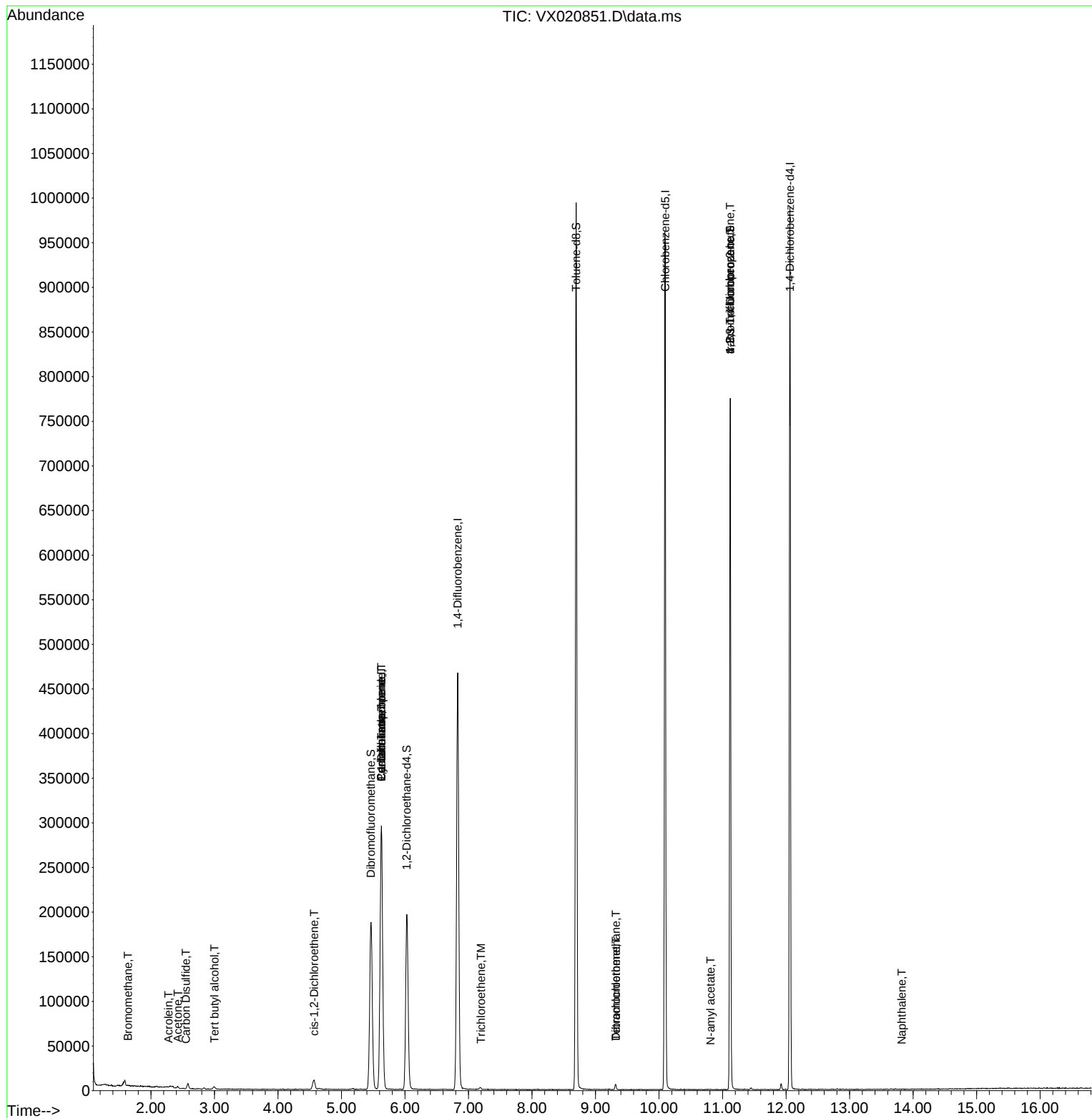
Internal Standards						
1) Pentafluorobenzene	5.629	168	275286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	476446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	461218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	204394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	193612	51.56	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	103.12%	
35) Dibromofluoromethane	5.464	113	167107	51.20	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	102.40%	
50) Toluene-d8	8.696	98	595741	49.79	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.122	95	208723	44.92	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	89.84%	
Target Compounds						
						Qvalue
5) Bromomethane	1.636	94	430	0.23	ug/l #	80
11) Tert butyl alcohol	3.001	59	1804	2.57	ug/l #	73
13) Acrolein	2.276	56	122	0.23	ug/l #	79
16) Acetone	2.422	43	2030	1.43	ug/l #	88
17) Carbon Disulfide	2.550	76	276	0.93	ug/l #	75
27) cis-1,2-Dichloroethene	4.568	96	6916	1.91	ug/l	96
31) Cyclohexane	5.629	56	4984	0.99	ug/l #	3
36) 1,1-Dichloropropene	5.629	75	21469	4.49	ug/l #	50
38) Carbon Tetrachloride	5.629	117	28713	5.71	ug/l #	18
44) Trichloroethene	7.196	130	934	0.25	ug/l	56
60) Dibromochloromethane	9.323	129	1147	0.28	ug/l #	11
64) Tetrachloroethene	9.323	164	1265	0.36	ug/l #	62
74) N-amyl acetate	10.811	43	139	2.04	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	102698	21.66	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.122	75	102698	60.71	ug/l #	12
95) Naphthalene	13.823	128	73	2.88	ug/l #	69

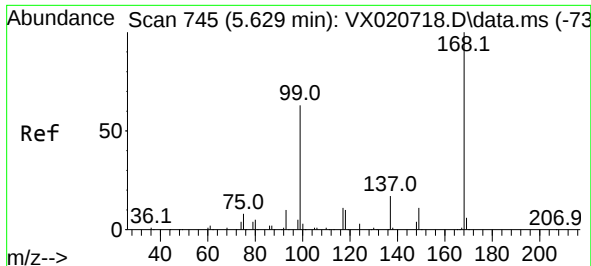
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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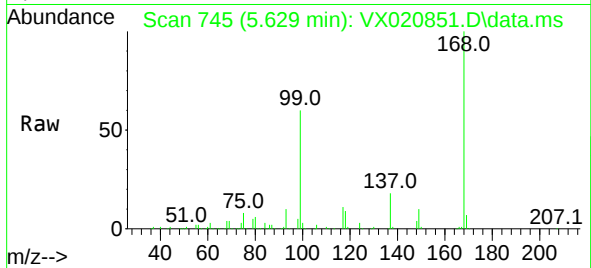
Quant Time: Feb 04 02:27:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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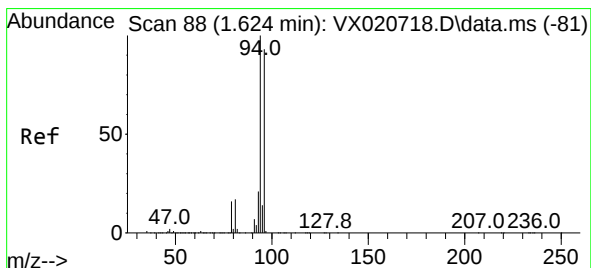
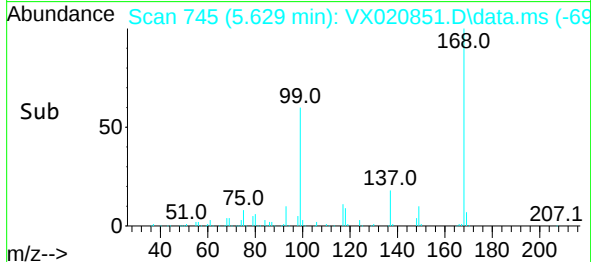
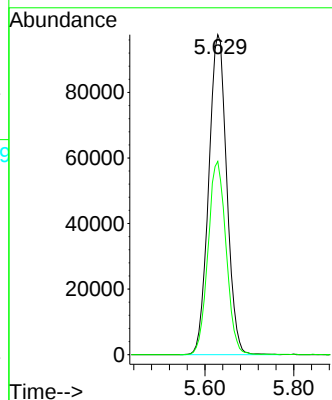


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02

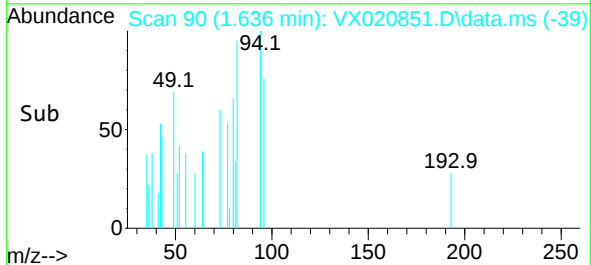
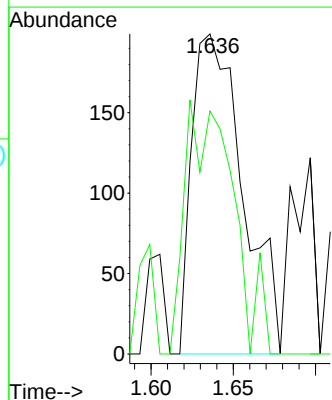
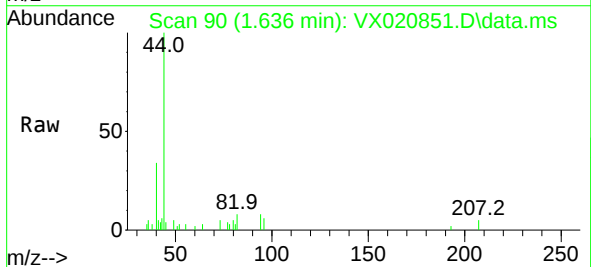


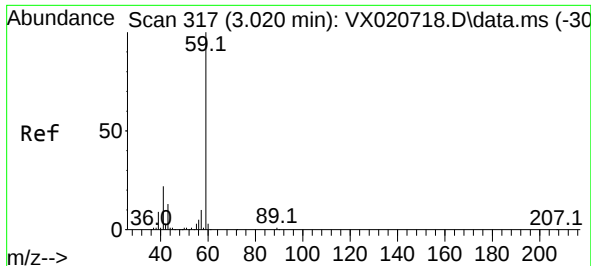
Tgt Ion:168 Resp: 275286
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 75.9 76.4 114.6#

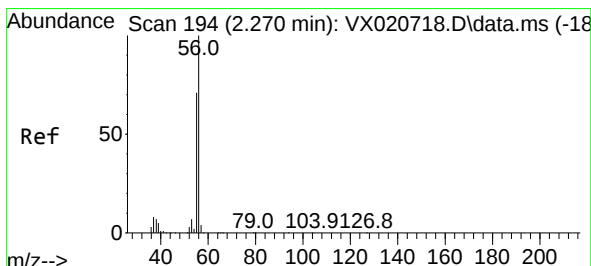
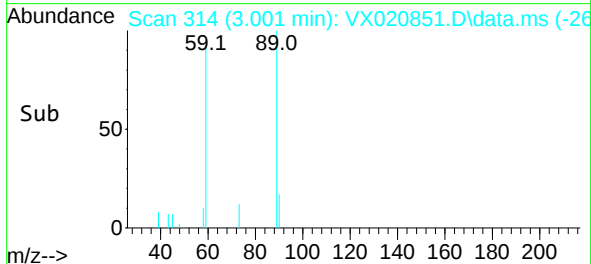
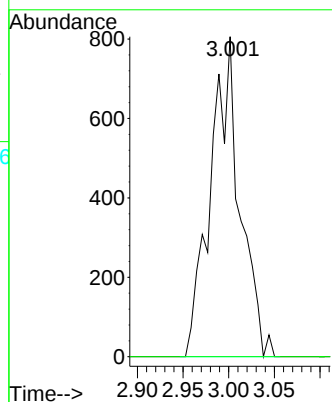
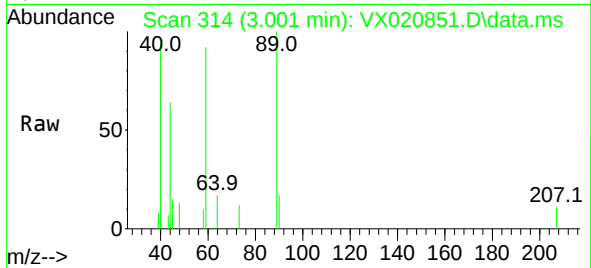




#11
Tert butyl alcohol
Concen: 2.57 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.019 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

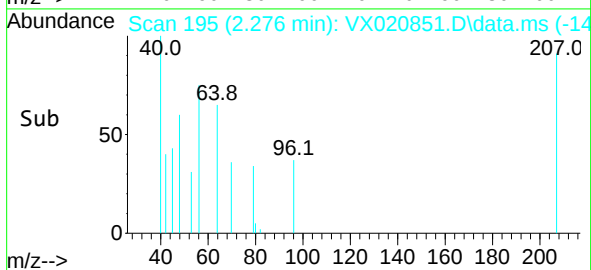
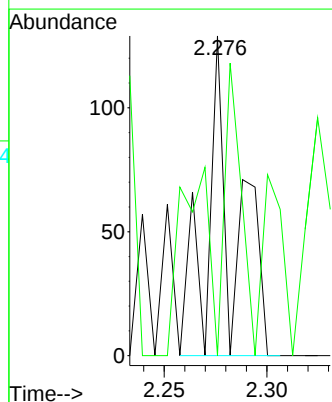
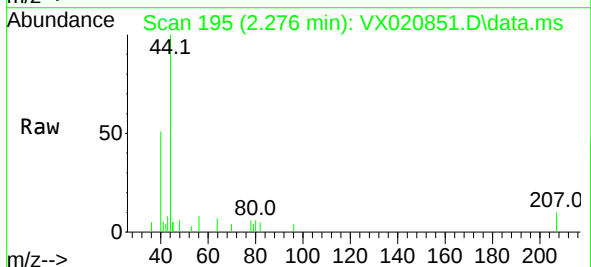
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02

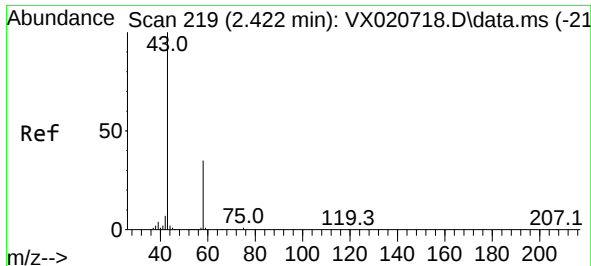
Tgt Ion: 59 Resp: 1804
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

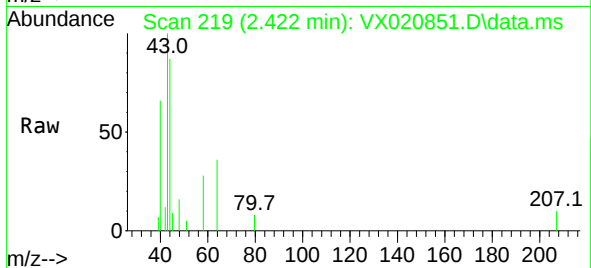
Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 53.3 56.4 84.6#



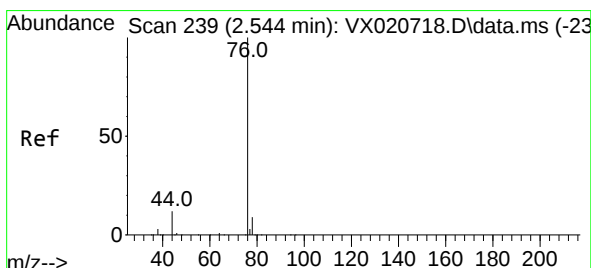
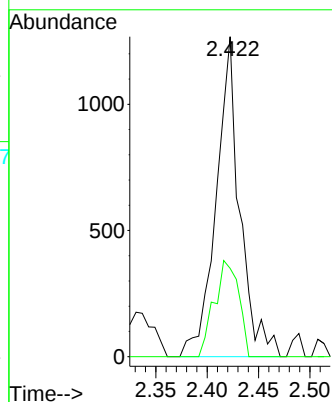
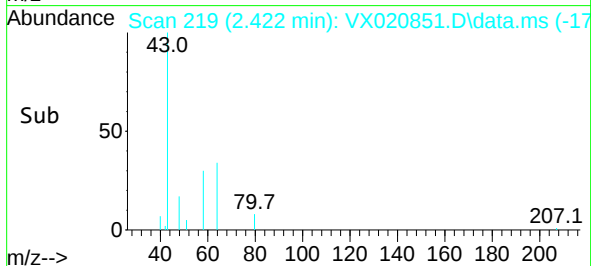


#16
Acetone
Concen: 1.43 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

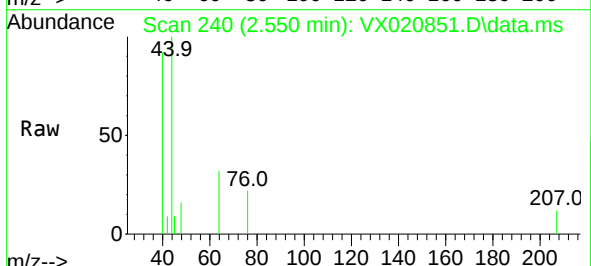
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02



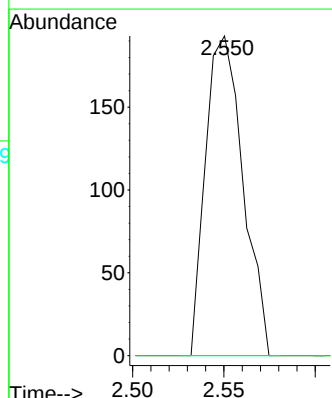
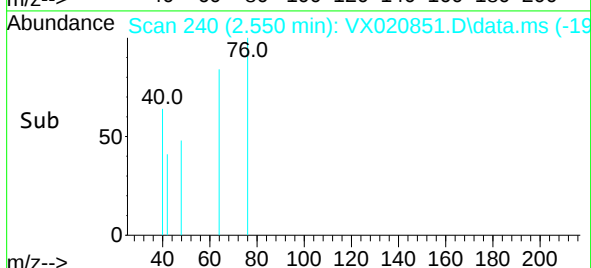
Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#

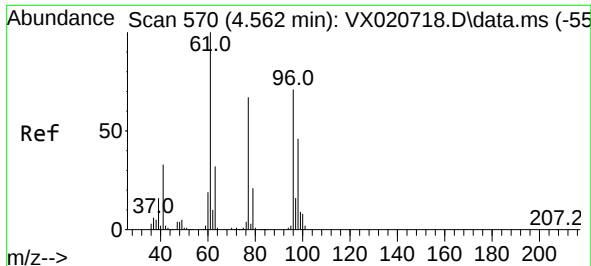


#17
Carbon Disulfide
Concen: 0.93 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24



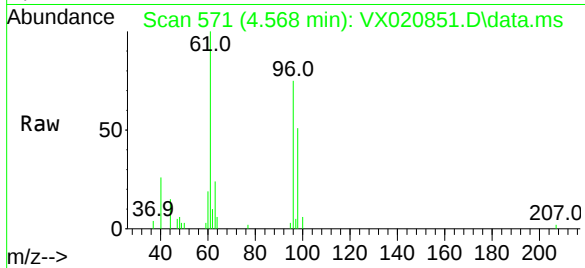
Tgt Ion: 76 Resp: 276
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



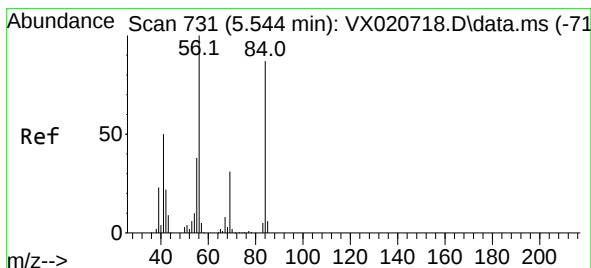
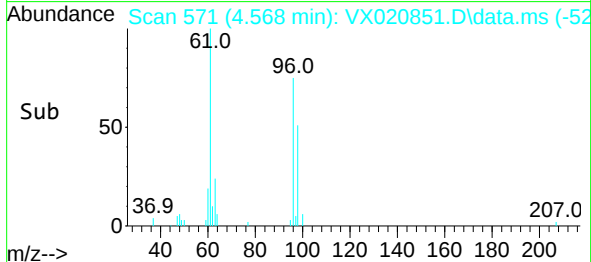
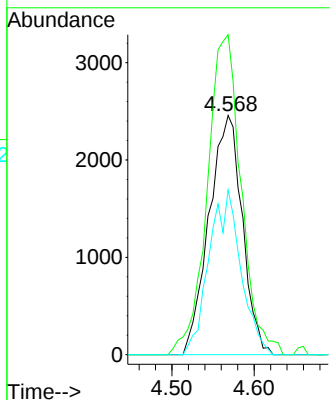


#27
 cis-1,2-Dichloroethene
 Concen: 1.91 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VX020851.D
 Acq: 03 Feb 2021 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-FD-02

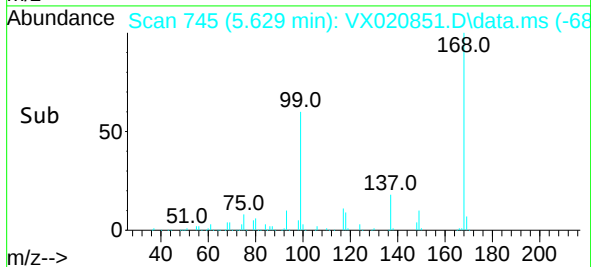
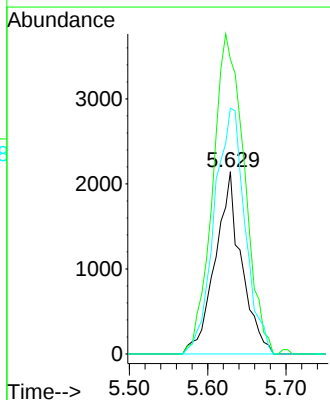
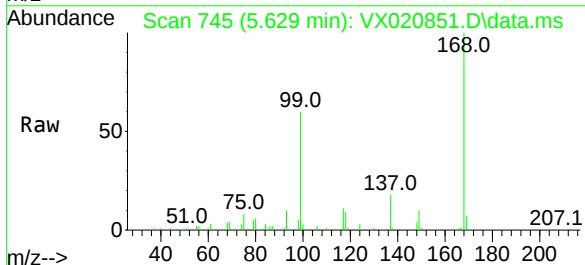


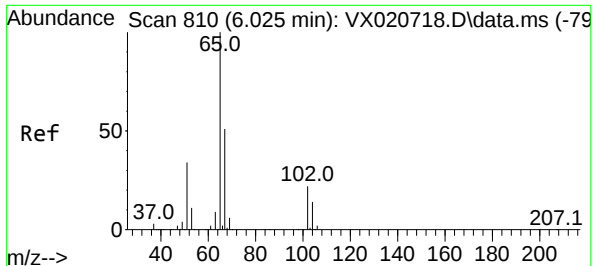
Tgt Ion:	96	Resp:	6916
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	285.6
98	65.8	0.0	129.6



#31
 Cyclohexane
 Concen: 0.99 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.085 min
 Lab File: VX020851.D
 Acq: 03 Feb 2021 19:24

Tgt Ion:	56	Resp:	4984
Ion	Ratio	Lower	Upper
56	100		
69	161.8	25.3	37.9#
84	134.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.56 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020851.D

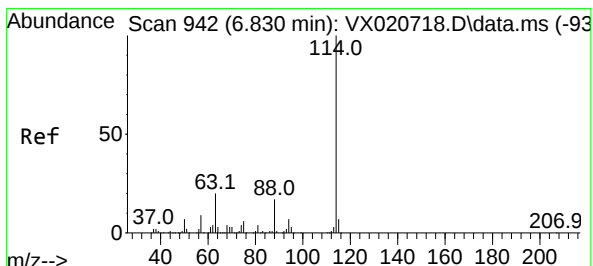
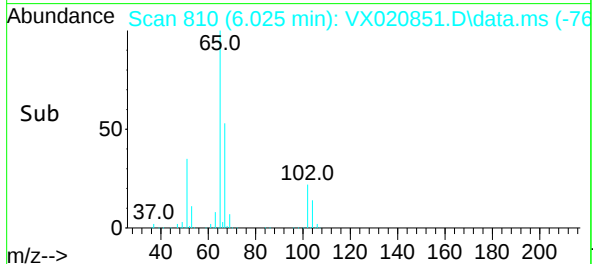
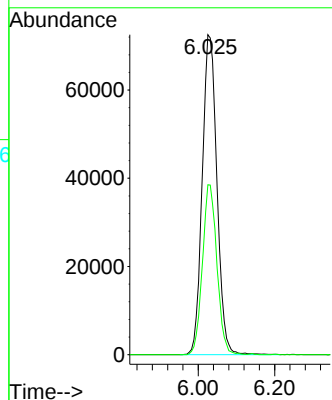
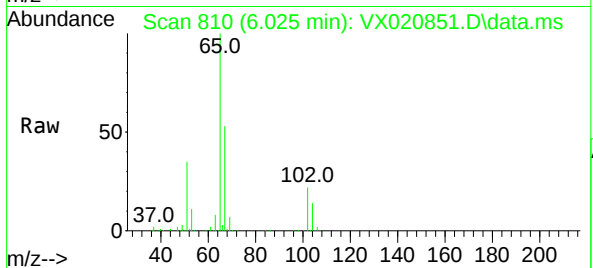
Acq: 03 Feb 2021 19:24

Tgt Ion: 65 Resp: 193612

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020851.D

Acq: 03 Feb 2021 19:24

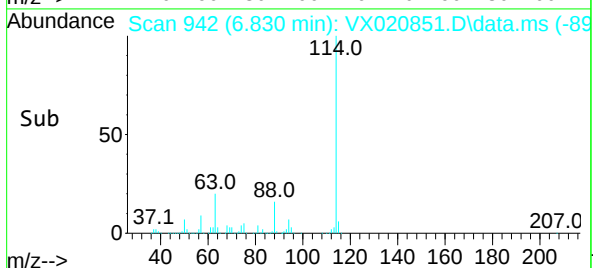
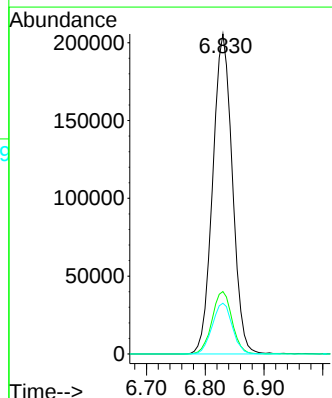
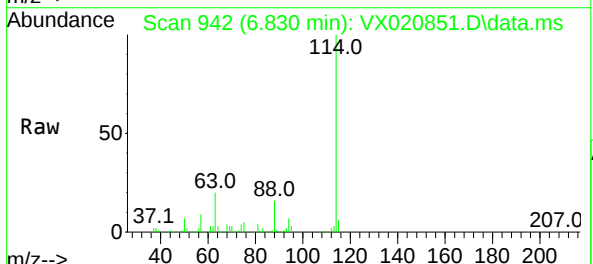
Tgt Ion: 114 Resp: 476446

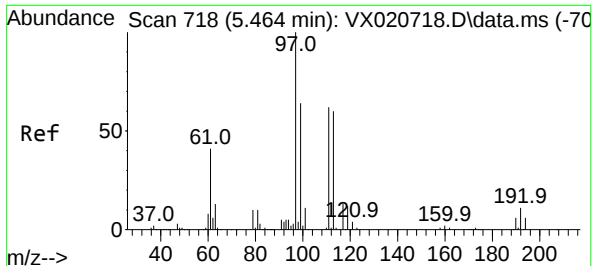
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

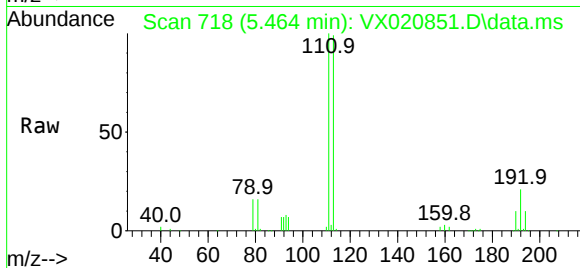
88 15.9 0.0 32.8



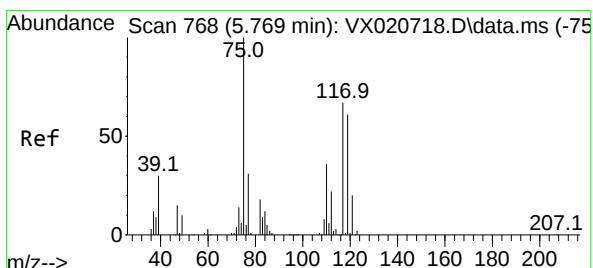
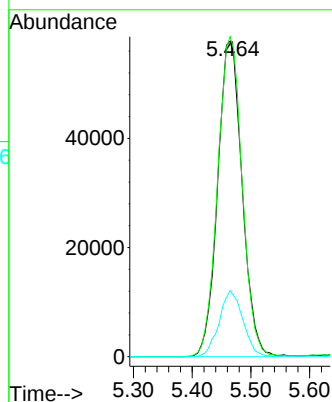
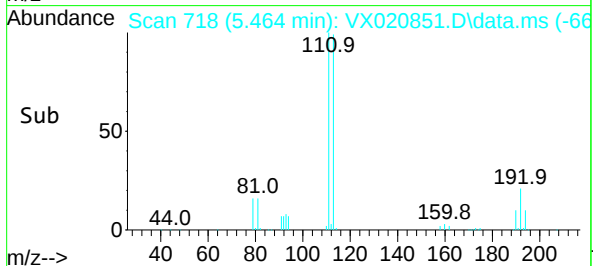


#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

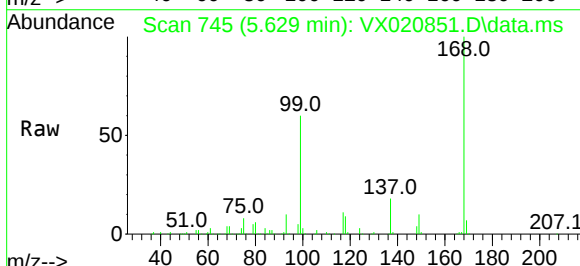
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152140-FD-02



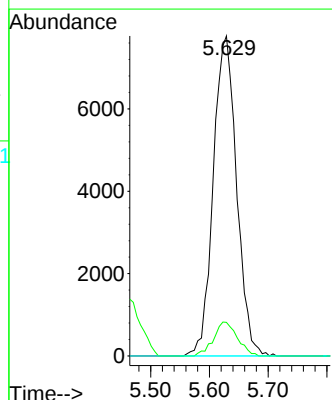
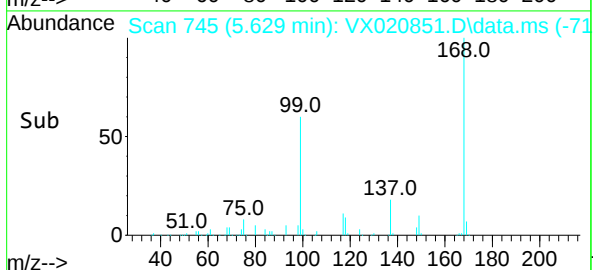
Tgt Ion:113 Resp: 167107
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.3 16.7 25.1

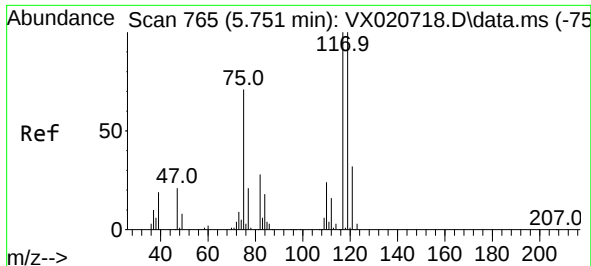


#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24



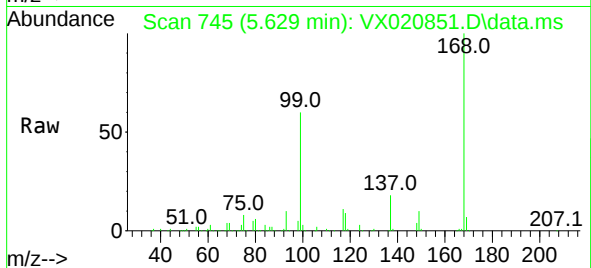
Tgt Ion: 75 Resp: 21469
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



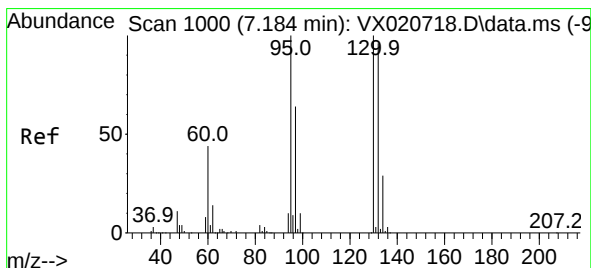
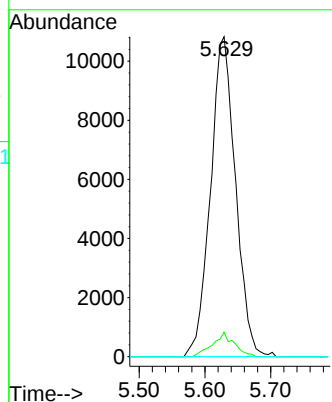
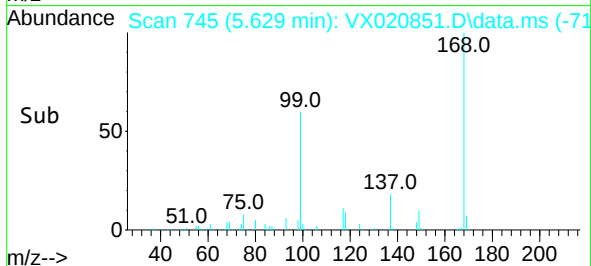


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

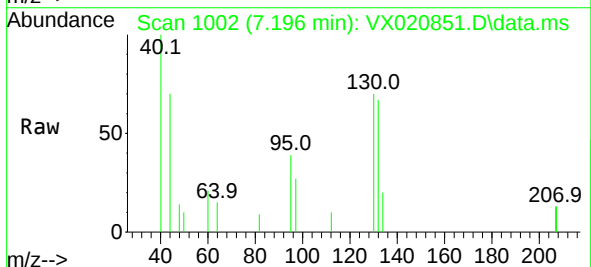
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02



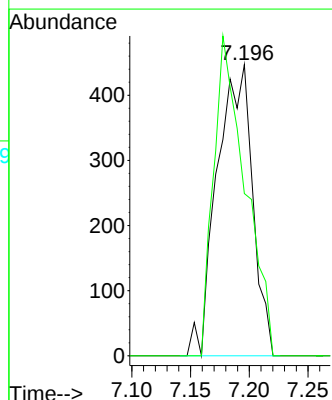
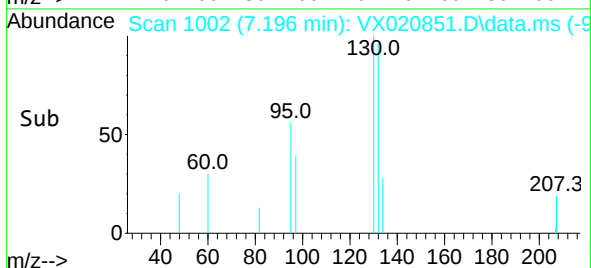
Tgt Ion:117 Resp: 28713
Ion Ratio Lower Upper
117 100
119 7.7 76.2 114.2#
121 0.0 24.8 37.2#

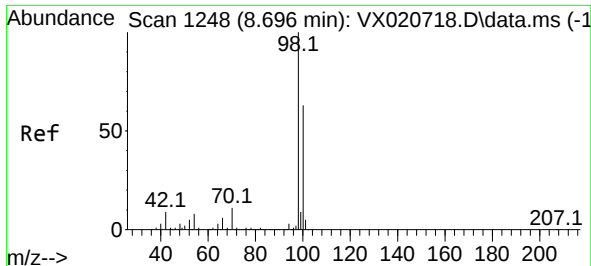


#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.196 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24



Tgt Ion:130 Resp: 934
Ion Ratio Lower Upper
130 100
95 55.7 0.0 198.0

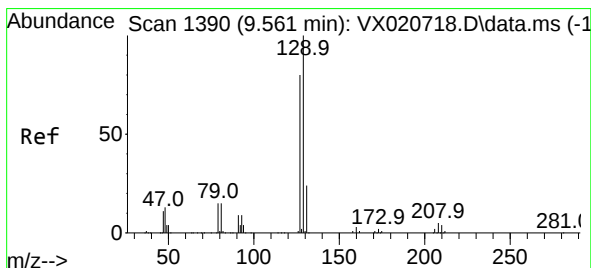
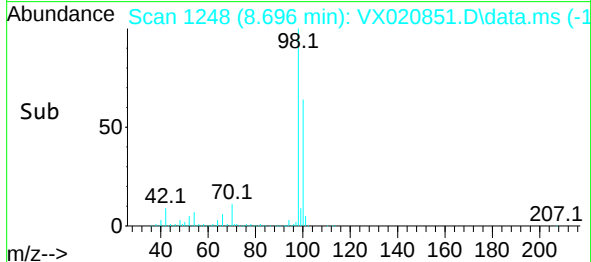
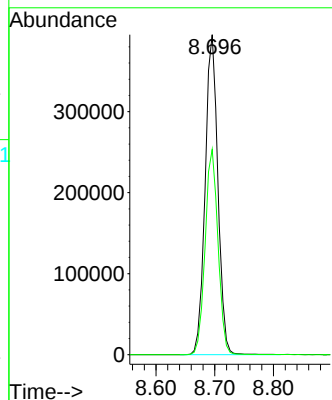
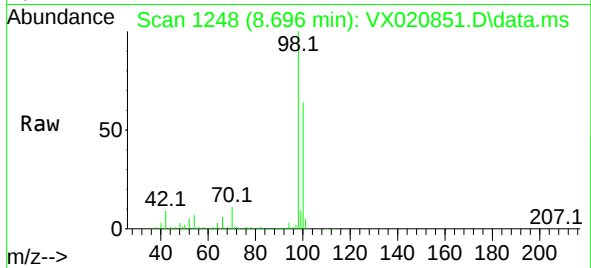




#50
Toluene-d8
Concen: 49.79 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

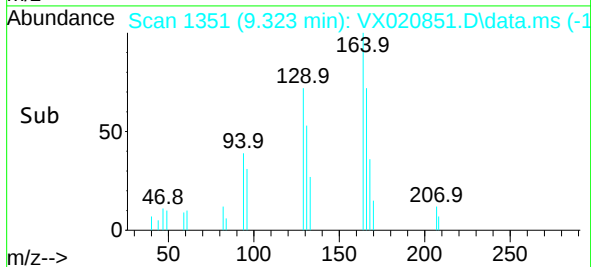
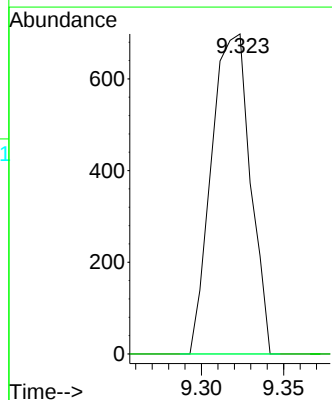
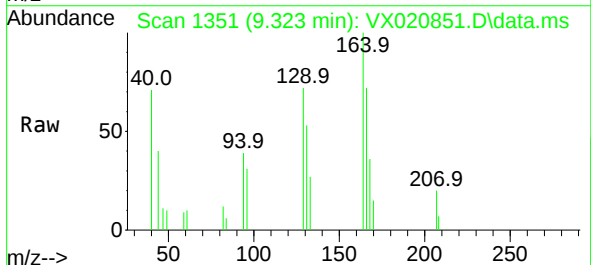
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02

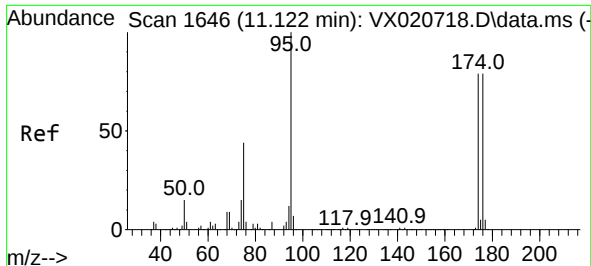
Tgt Ion: 98 Resp: 595741
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#60
Dibromochloromethane
Concen: 0.28 ug/l
RT: 9.323 min Scan# 1351
Delta R.T. -0.238 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Tgt Ion: 129 Resp: 1147
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

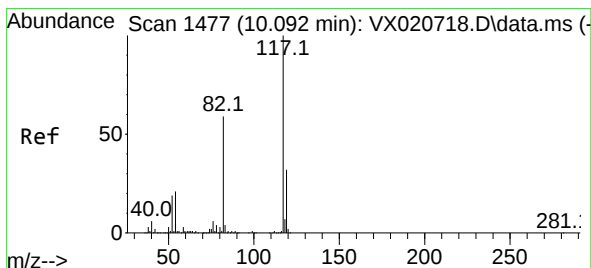
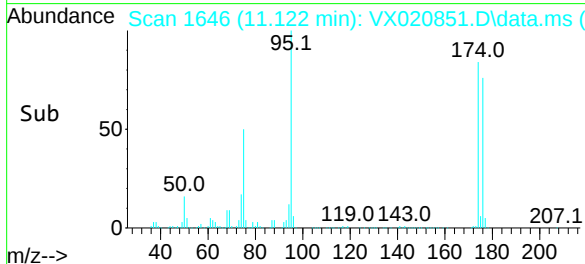
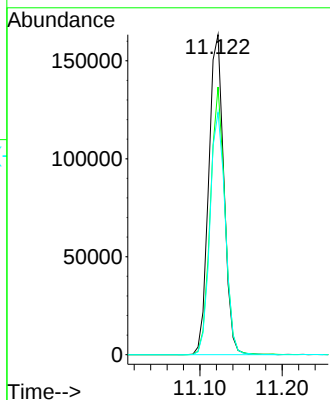
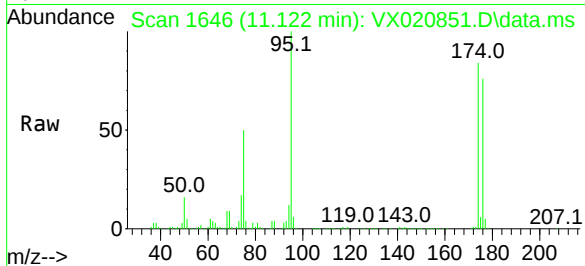




#62
4-Bromofluorobenzene
Concen: 44.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

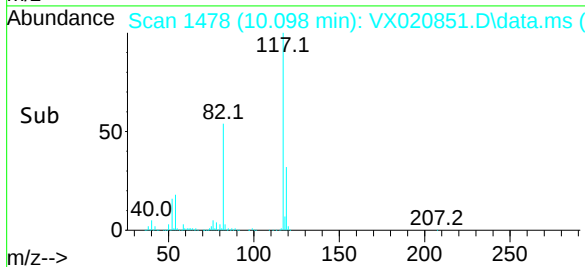
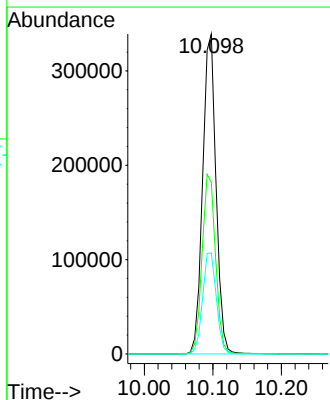
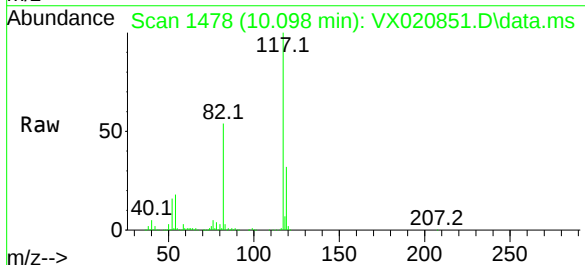
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02

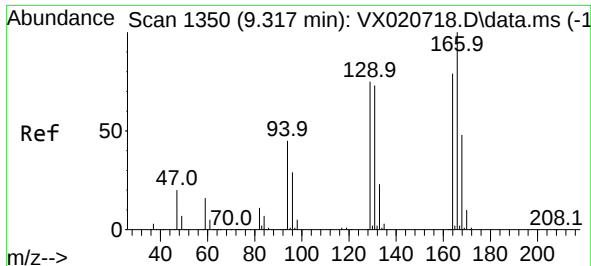
Tgt Ion: 95 Resp: 208723
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

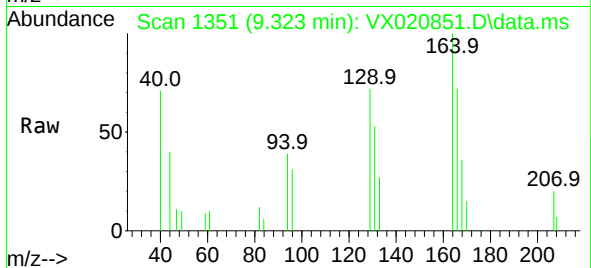
Tgt Ion: 117 Resp: 461218
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 31.6 26.6 39.8



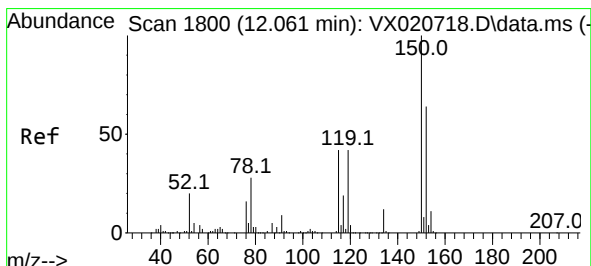
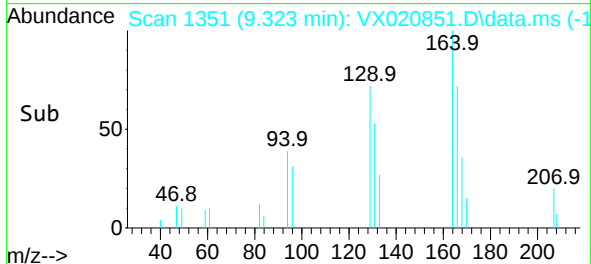
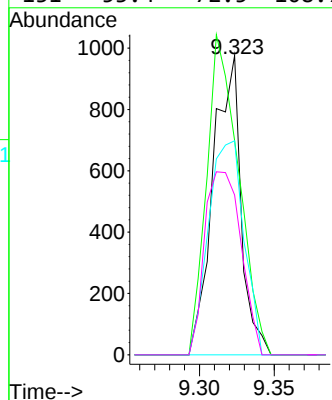


#64
Tetrachloroethene
Concen: 0.36 ug/l
RT: 9.323 min Scan# 1351
Delta R.T. 0.006 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

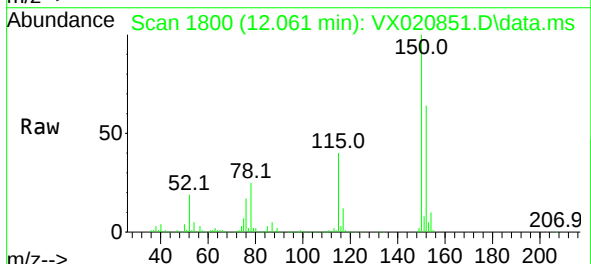
Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02



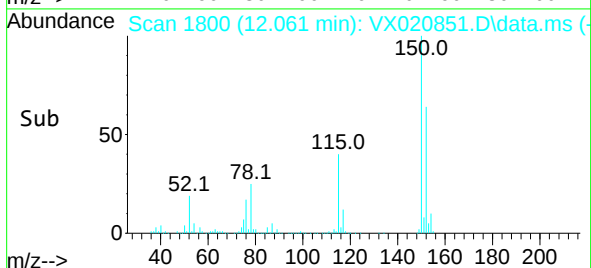
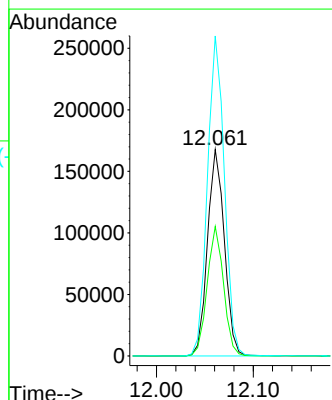
Tgt Ion:164 Resp: 1265
Ion Ratio Lower Upper
164 100
166 71.6 103.4 155.2#
129 71.5 70.8 106.2
131 53.4 72.5 108.7#

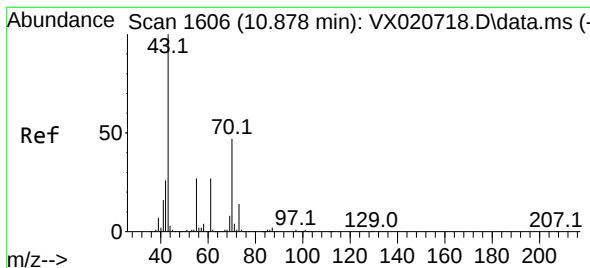


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24



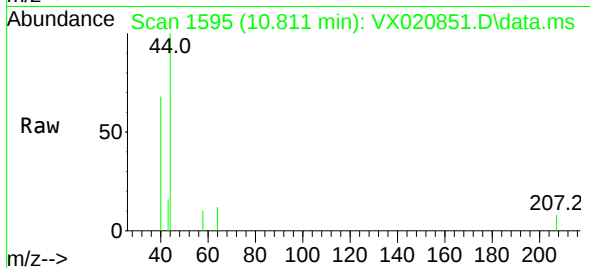
Tgt Ion:152 Resp: 204394
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.6 0.0 349.0



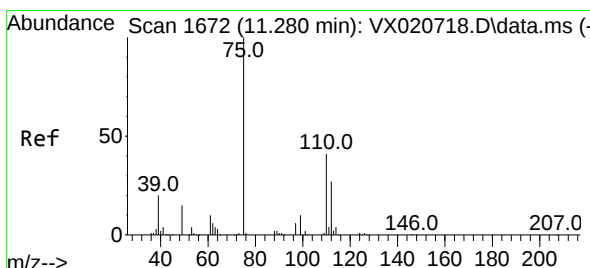
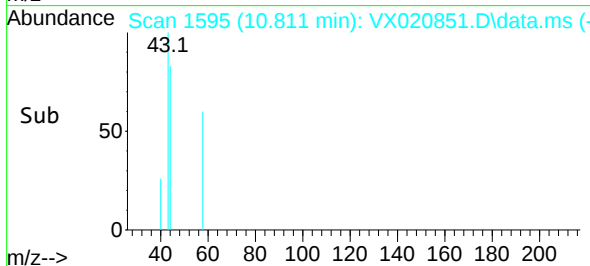
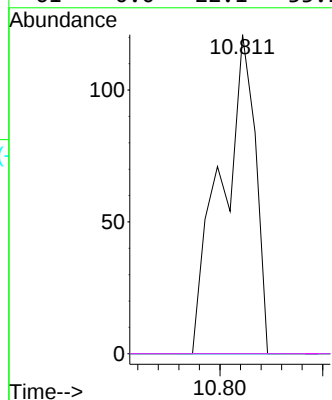


#74
N-amy1 acetate
Concen: 2.04 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.067 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02

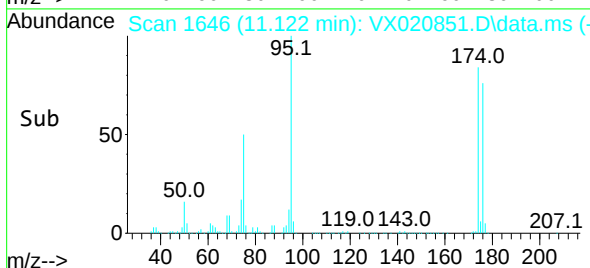
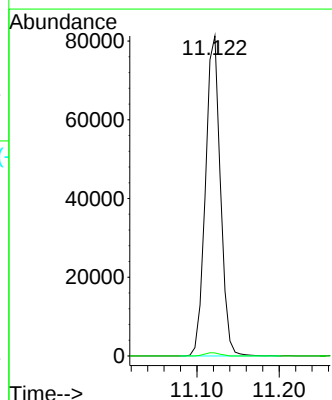
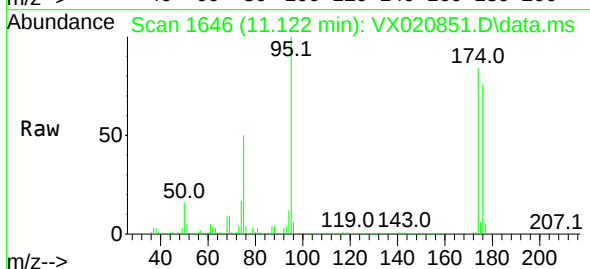


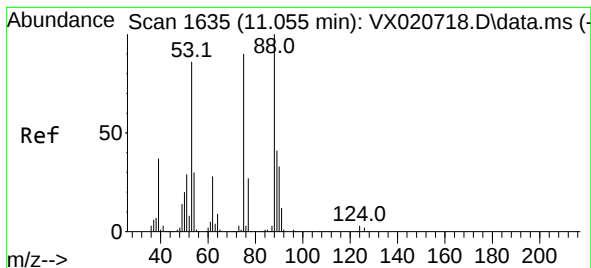
Tgt Ion: 43	Resp: 139
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

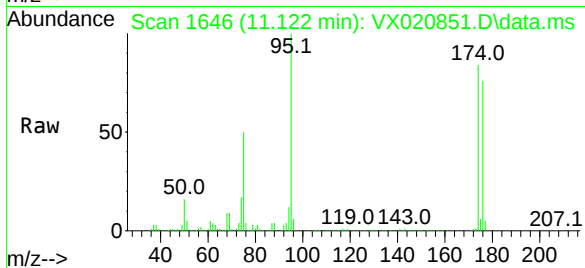
Tgt Ion: 75	Resp: 102698
Ion Ratio	Lower Upper
75	100
77	1.0 19.1 57.5#



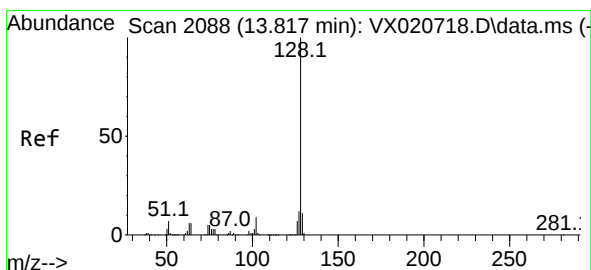
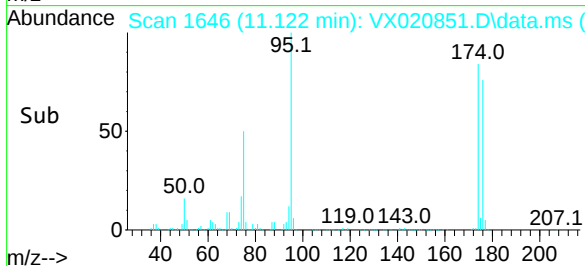
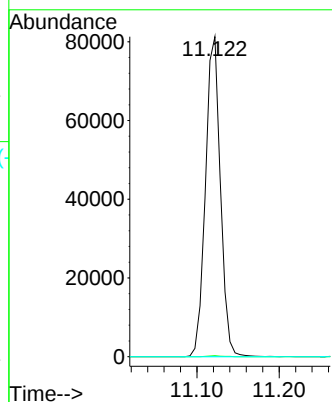


#81
trans-1,4-Dichloro-2-butene
Concen: 60.71 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :
152140-FD-02



Tgt Ion: 75 Resp: 102698
Ion Ratio Lower Upper
75 100
53 0.3 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020851.D
Acq: 03 Feb 2021 19:24

Tgt Ion: 128 Resp: 73
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

