

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020993.D
 Acq On : 03 Mar 2021 12:17
 Operator : JC/MD
 Sample : VX0305WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBL01

Quant Time: Mar 04 01:02:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

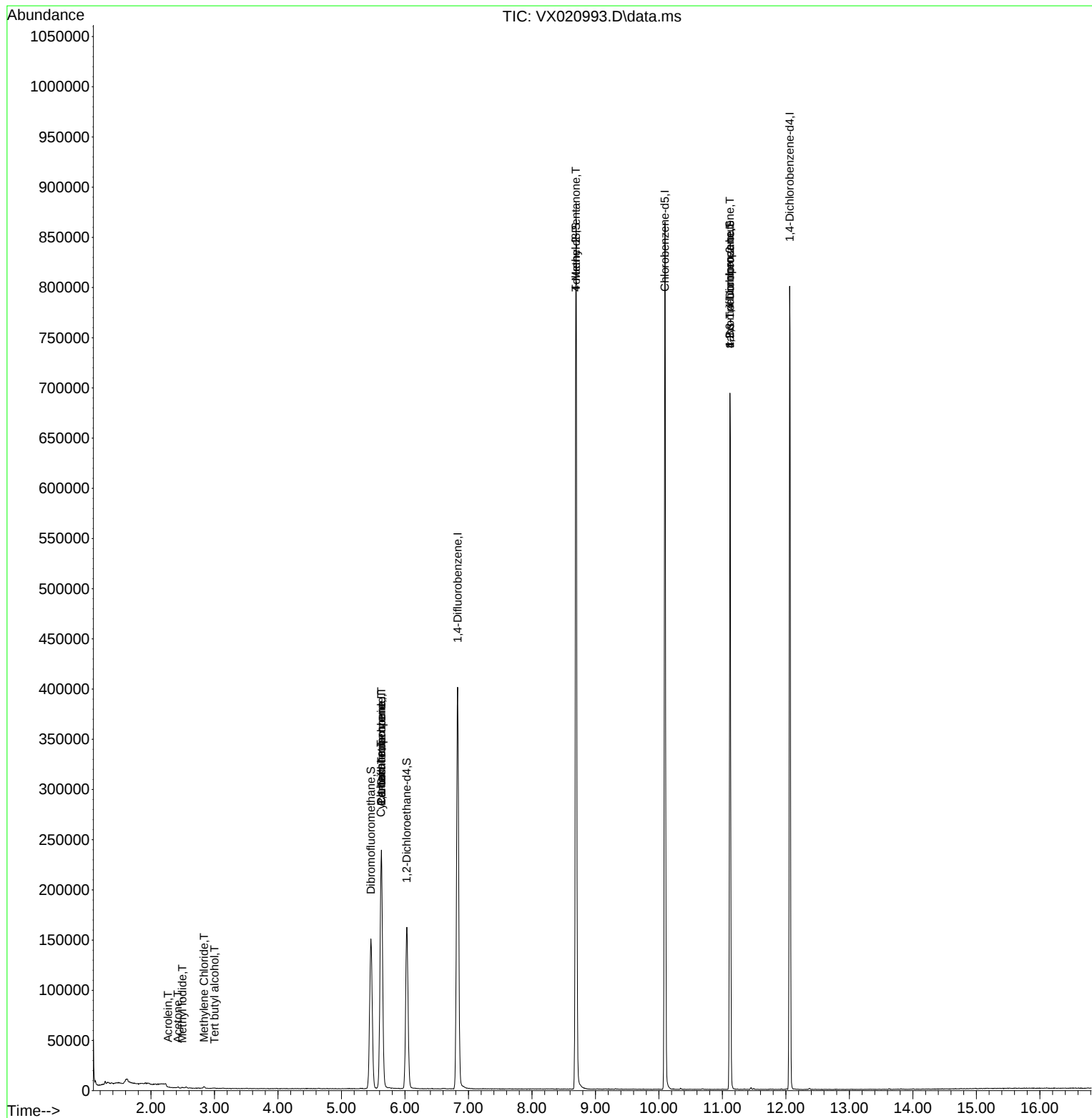
Internal Standards						
1) Pentafluorobenzene	5.629	168	230329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	417126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	400467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	171772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	153662	49.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.78%		
35) Dibromofluoromethane	5.464	113	130904	51.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.30%		
50) Toluene-d8	8.694	98	527130	53.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.68%		
62) 4-Bromofluorobenzene	11.118	95	189946	51.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.96%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	664	Below Cal		98
10) Methyl Iodide	2.493	142	734	0.22 ug/l #		90
11) Tert butyl alcohol	2.999	59	277	0.40 ug/l #		73
13) Acrolein	2.270	56	116	0.27 ug/l #		76
16) Acetone	2.422	43	971	0.76 ug/l #		85
20) Methylene Chloride	2.834	84	717	0.23 ug/l #		91
31) Cyclohexane	5.623	56	4695	1.04 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	18385	4.64 ug/l #		48
38) Carbon Tetrachloride	5.629	117	21501	5.60 ug/l #		16
51) 4-Methyl-2-Pentanone	8.694	43	2104	0.56 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	91030	24.63 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	91030	54.54 ug/l #		12

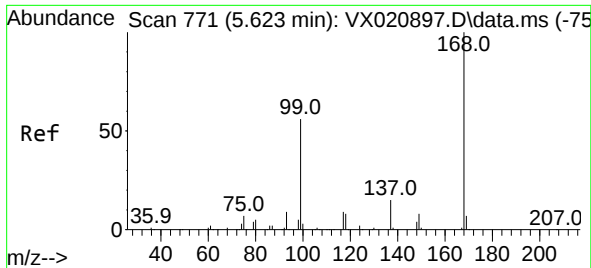
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
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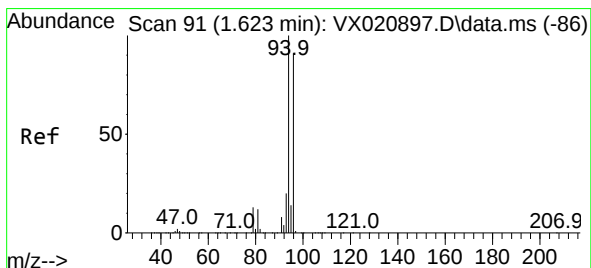
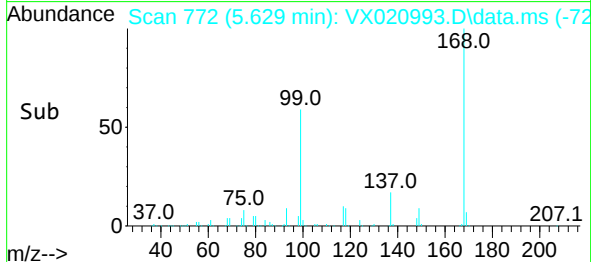
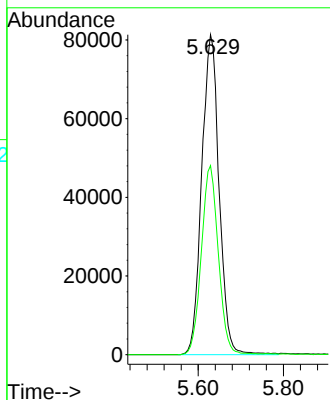
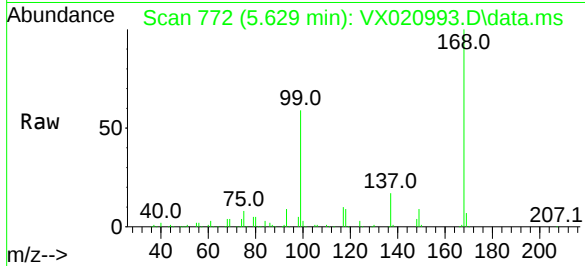




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

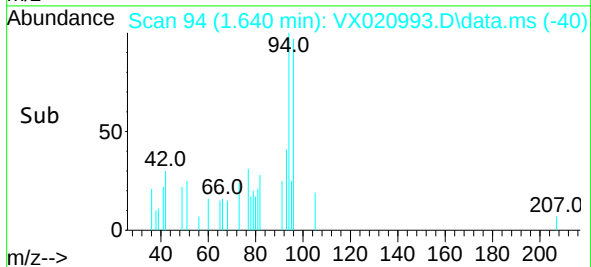
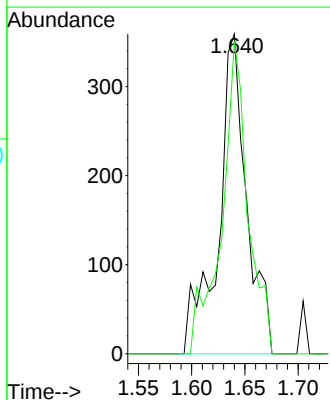
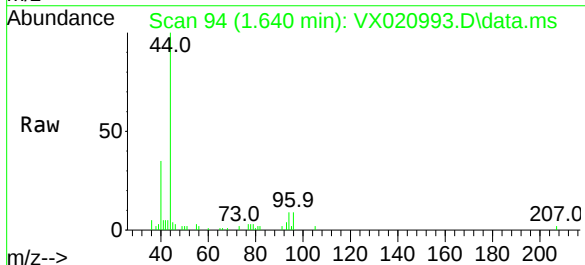
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

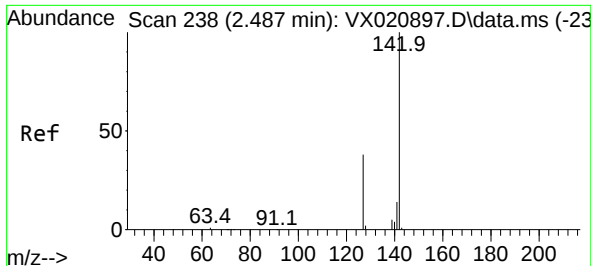
Tgt Ion:168 Resp: 230329
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 94 Resp: 664
Ion Ratio Lower Upper
94 100
96 97.5 76.4 114.6

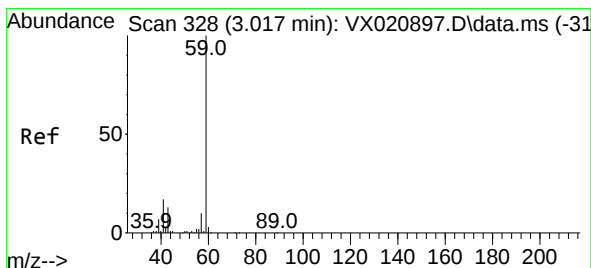
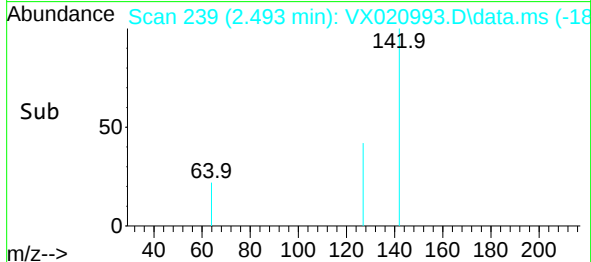
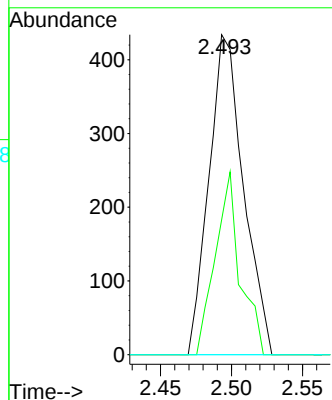
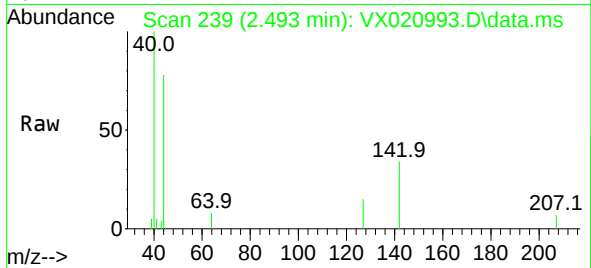




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

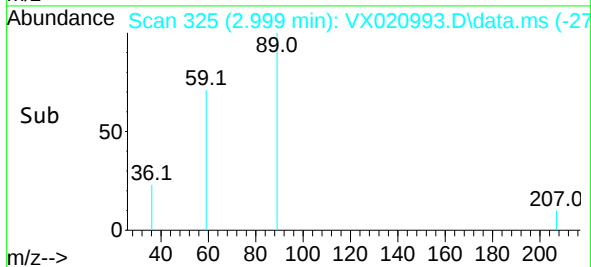
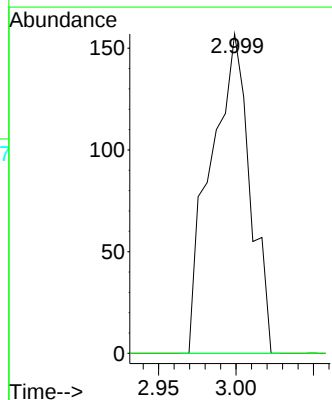
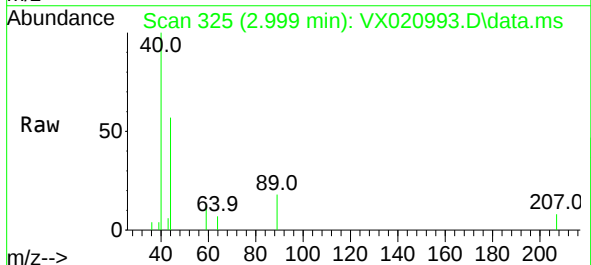
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

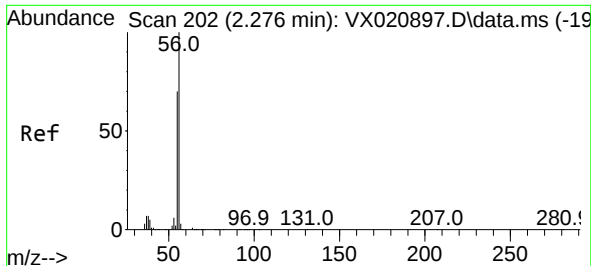
Tgt Ion:142 Resp: 734
Ion Ratio Lower Upper
142 100
127 41.0 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.40 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

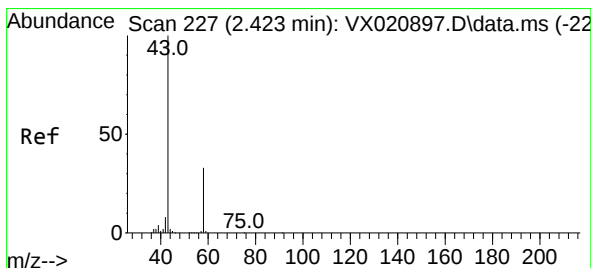
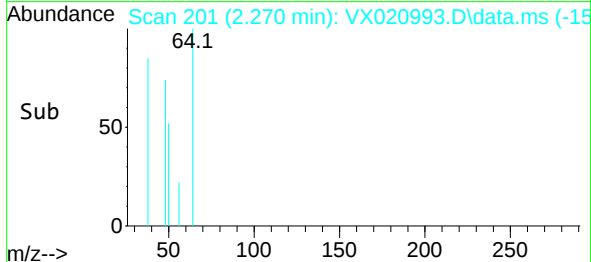
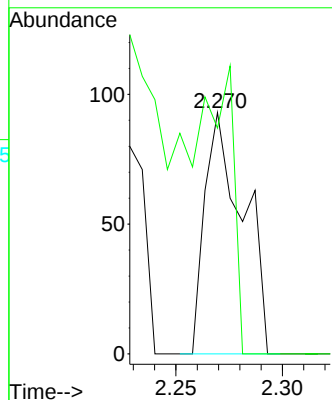
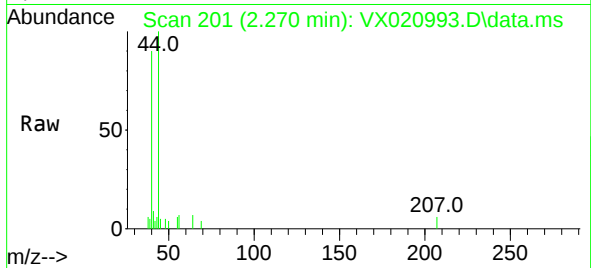




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

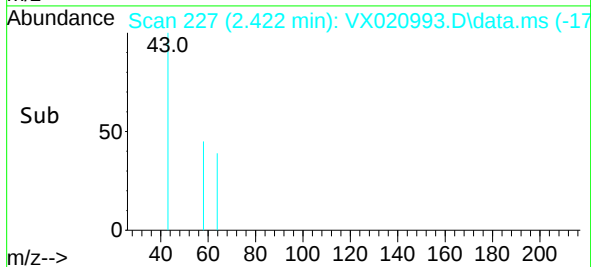
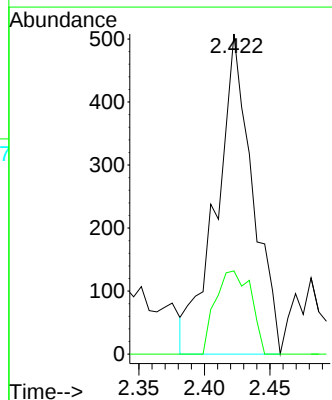
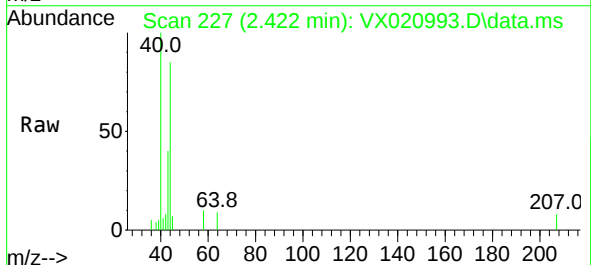
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

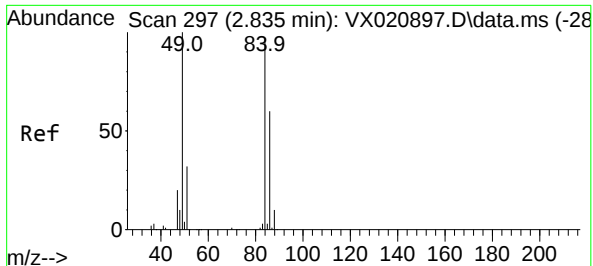
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 90.5 56.4 84.6#



#16
Acetone
Concen: 0.76 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

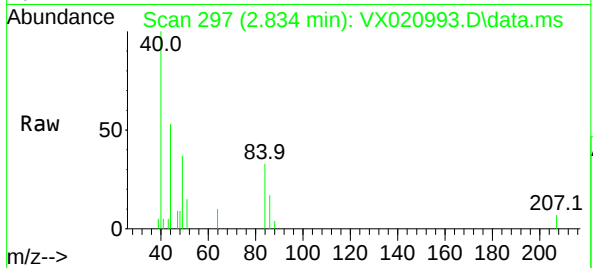
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



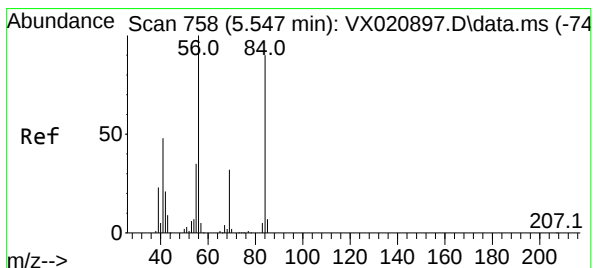
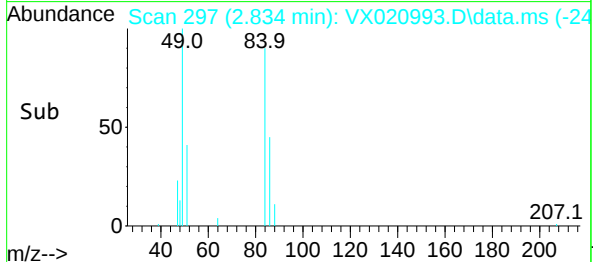
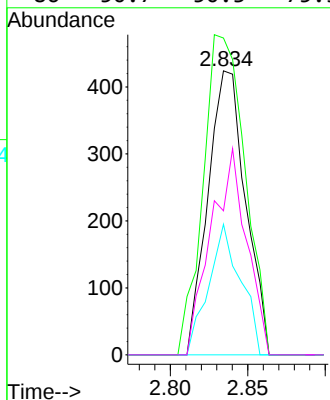


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

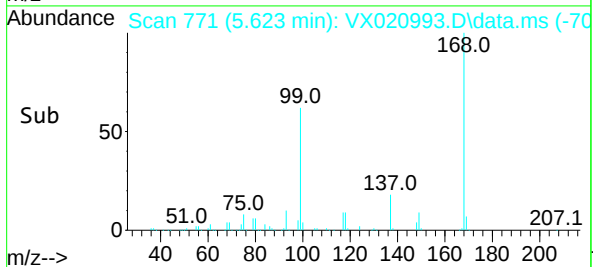
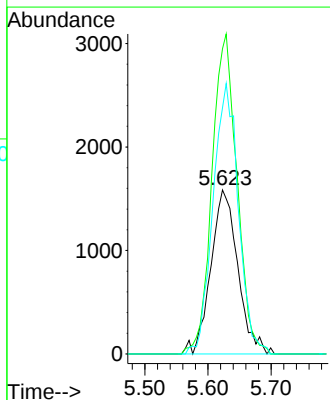
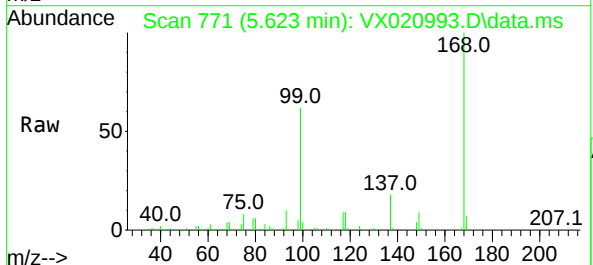


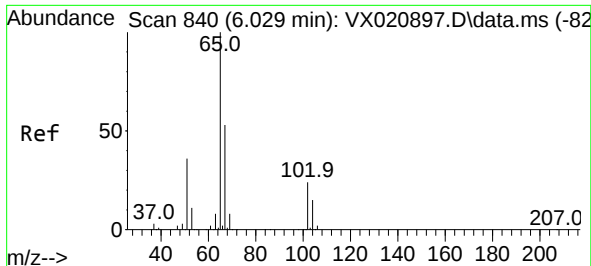
Tgt Ion:	84	Resp:	717
Ion	Ratio	Lower	Upper
84	100		
49	111.6	88.6	132.8
51	46.0	27.0	40.6#
86	50.7	50.3	75.5



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion:	56	Resp:	4695
Ion	Ratio	Lower	Upper
56	100		
69	186.1	25.3	37.9#
84	150.2	71.4	107.0#

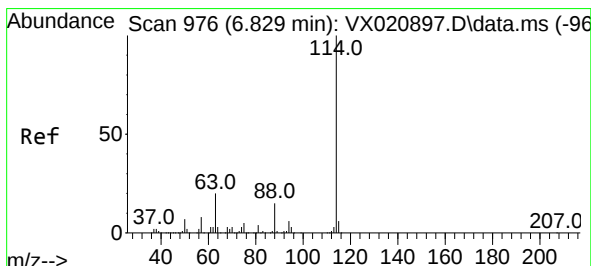
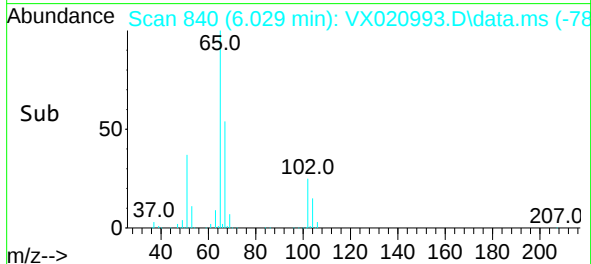
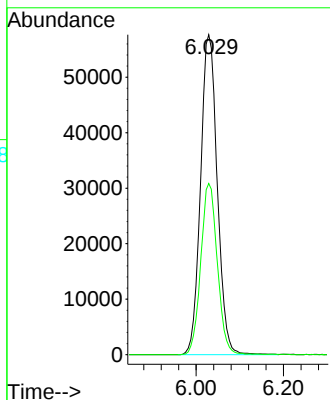
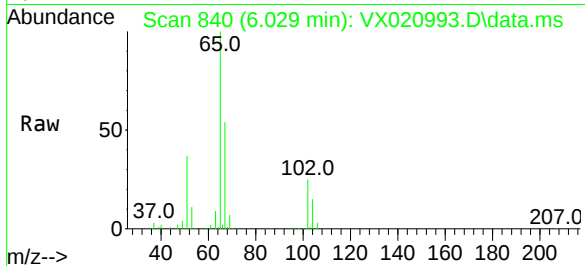




#33
 1,2-Dichloroethane-d4
 Concen: 49.39 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX020993.D
 Acq: 03 Mar 2021 12:17

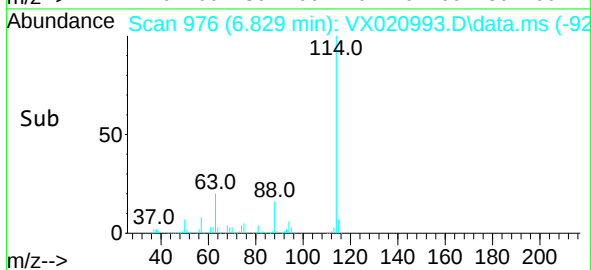
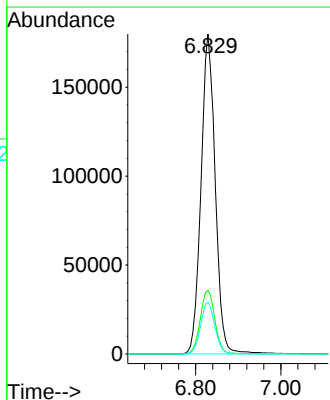
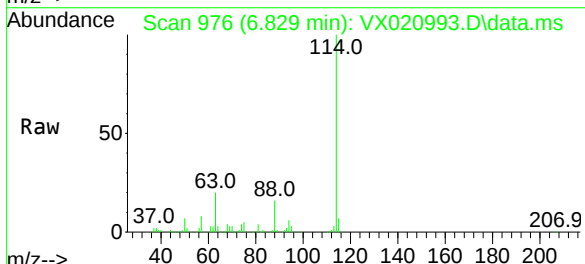
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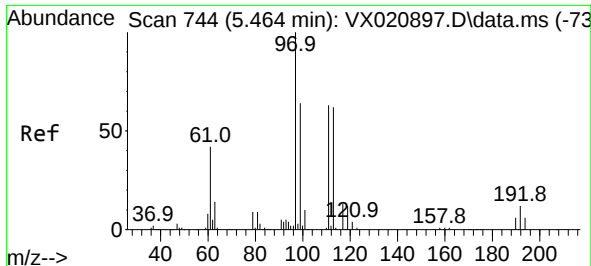
Tgt Ion: 65 Resp: 153662
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX020993.D
 Acq: 03 Mar 2021 12:17

Tgt Ion: 114 Resp: 417126
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.2 0.0 32.8

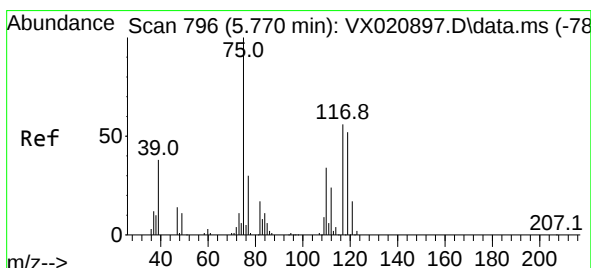
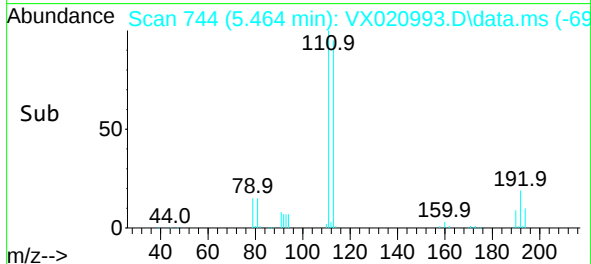
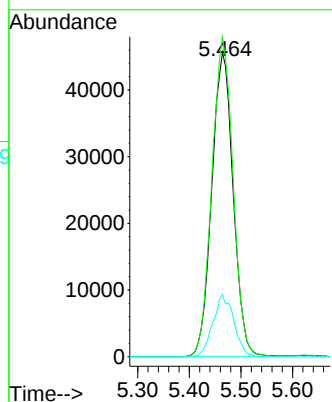
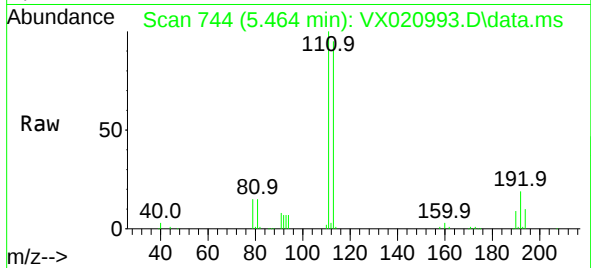




#35
Dibromofluoromethane
Concen: 51.65 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

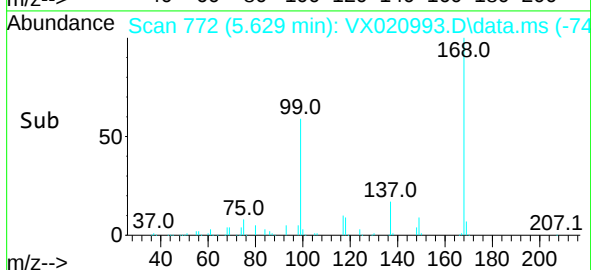
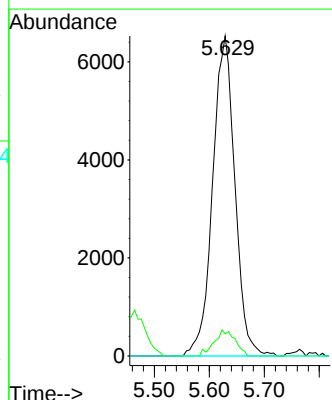
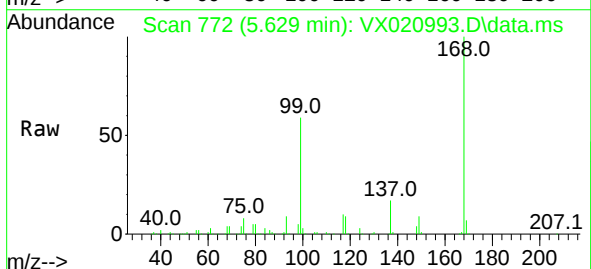
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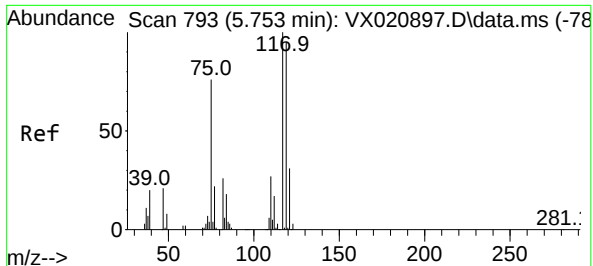
Tgt Ion:113 Resp: 130904
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 75 Resp: 18385
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.3 37.9#

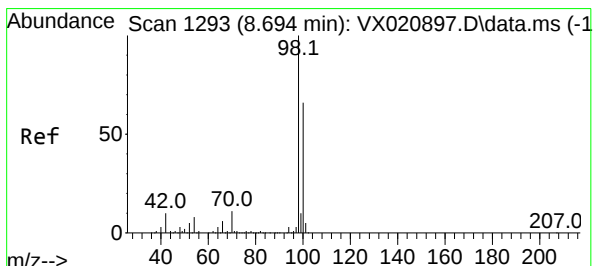
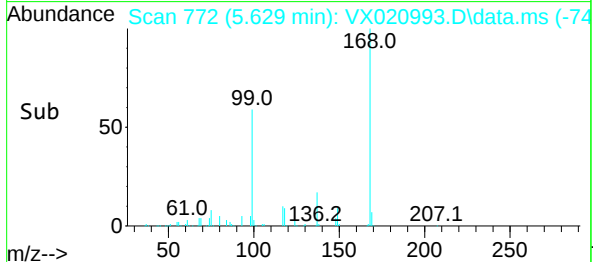
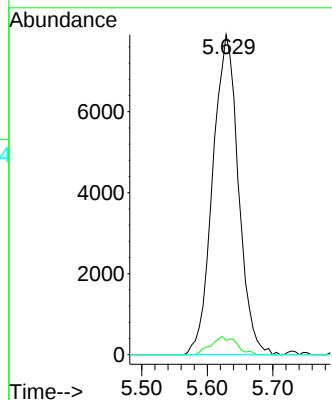
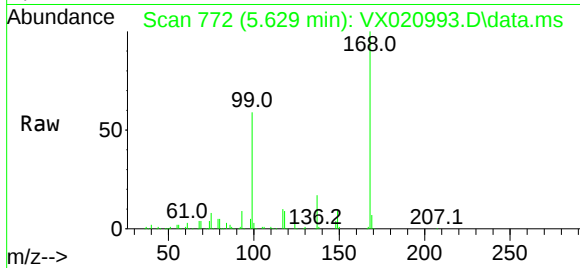




#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

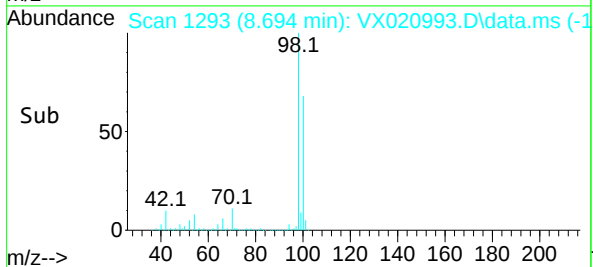
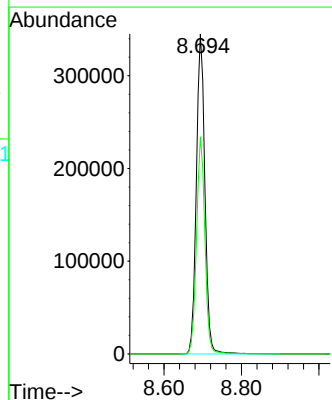
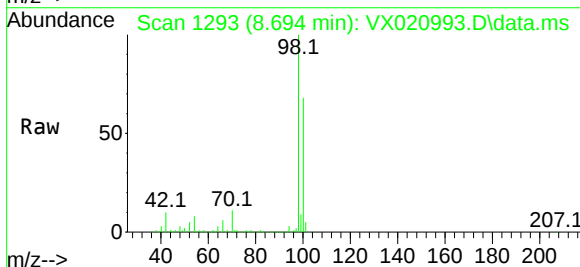
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

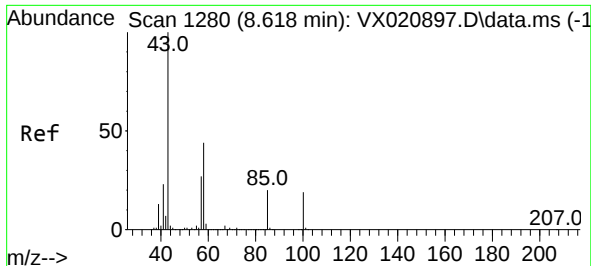
Tgt Ion:117 Resp: 21501
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.34 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 98 Resp: 527130
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

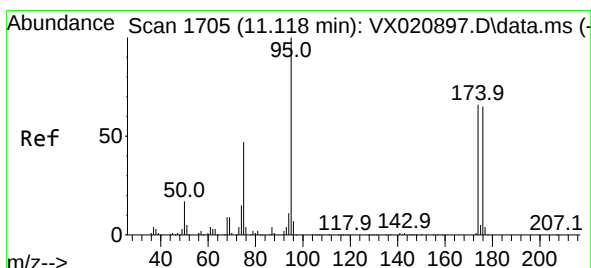
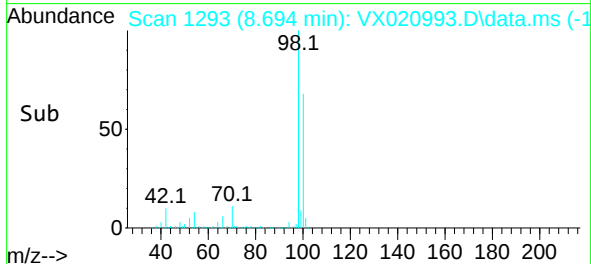
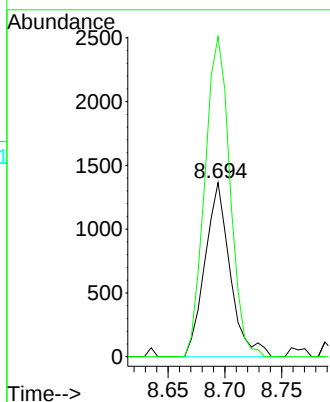
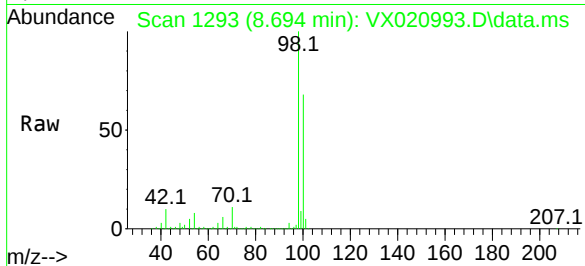




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

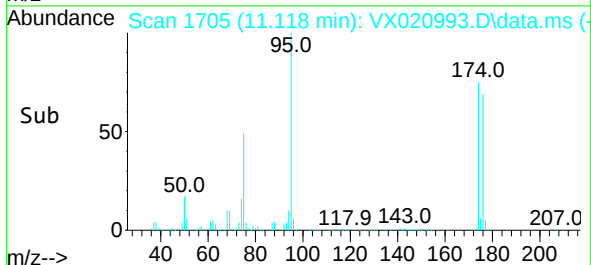
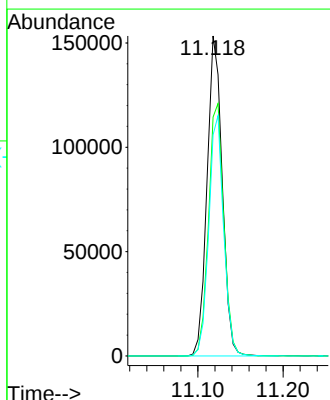
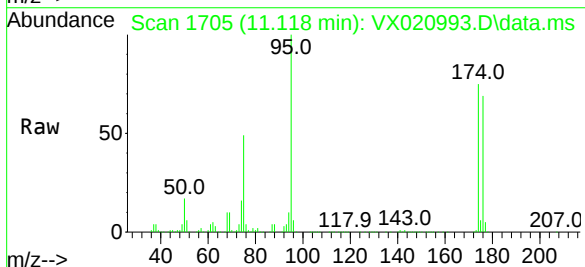
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

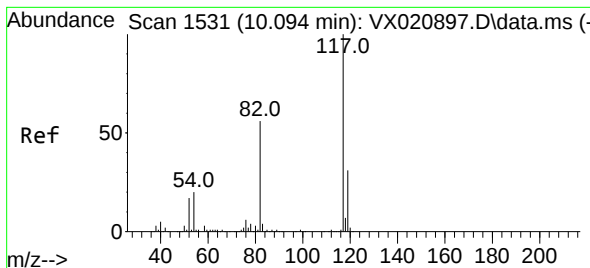
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 183.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 95 Resp: 189946
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 73.5 0.0 155.8

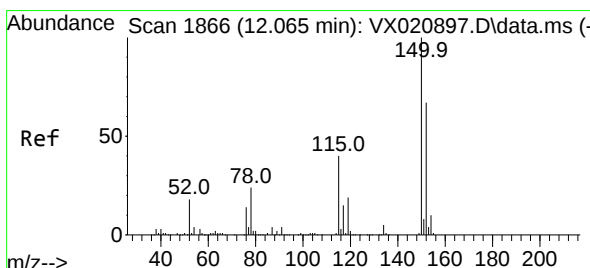
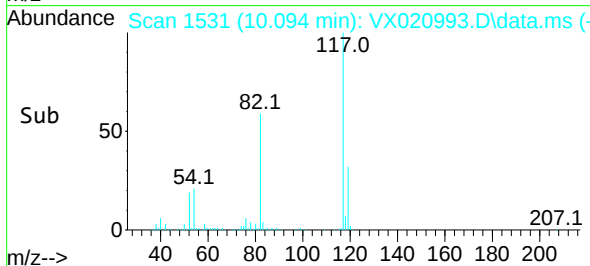
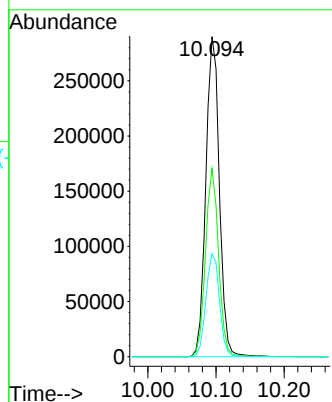
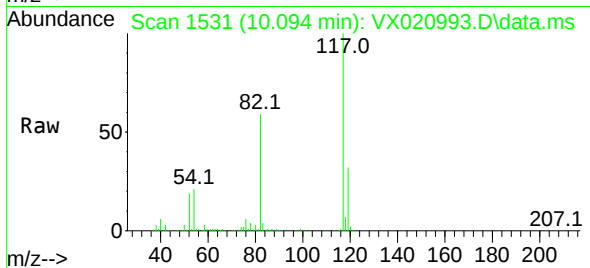




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

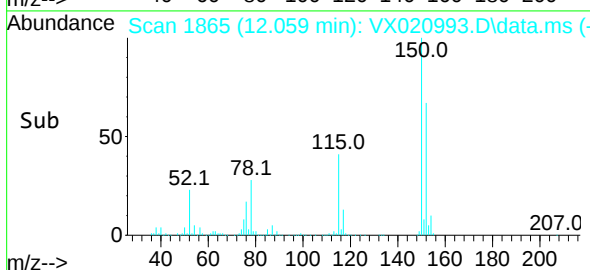
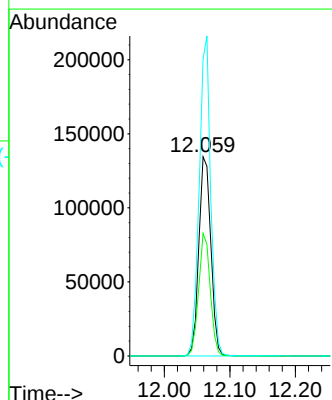
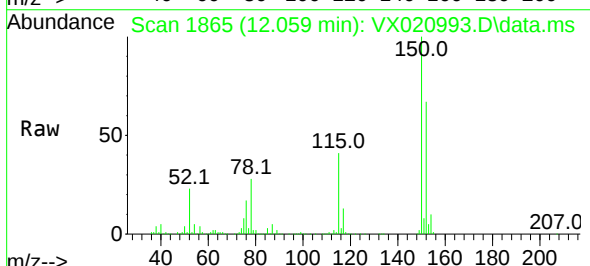
Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

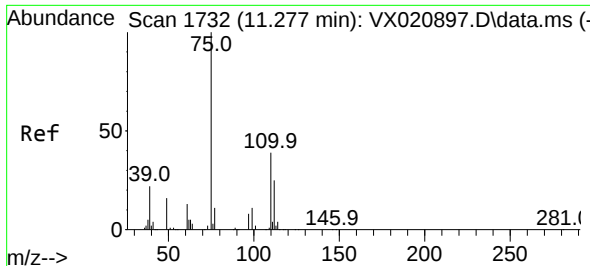
Tgt Ion:117 Resp: 400467
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion:152 Resp: 171772
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 153.6 0.0 349.0

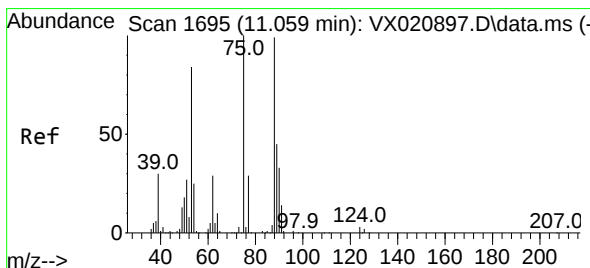
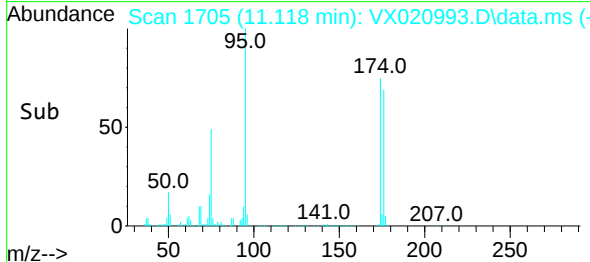
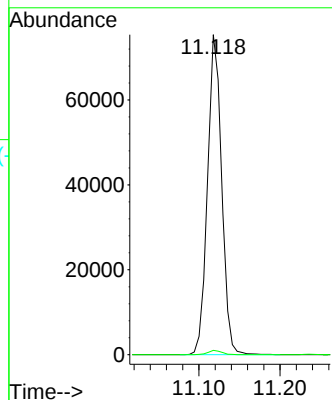
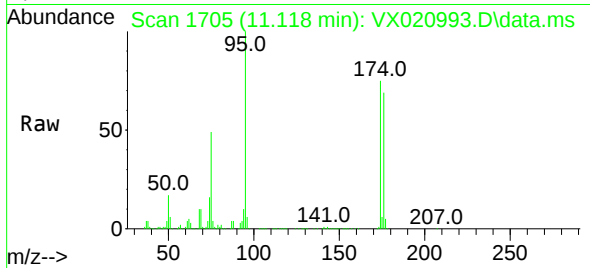




#76
1,2,3-Trichloropropane
Concen: 24.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBL01

Tgt Ion: 75 Resp: 91030
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020993.D
Acq: 03 Mar 2021 12:17

Tgt Ion: 75 Resp: 91030
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

