

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020988.D
 Acq On : 03 Mar 2021 00:28
 Operator : JC/MD
 Sample : M1536-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Mar 03 01:22:24 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	5.623	168	191698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	342841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	340487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	124022	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%
35) Dibromofluoromethane	5.464	113	109332	52.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.98%
50) Toluene-d8	8.694	98	430501	53.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.00%
62) 4-Bromofluorobenzene	11.118	95	162585	54.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.28%

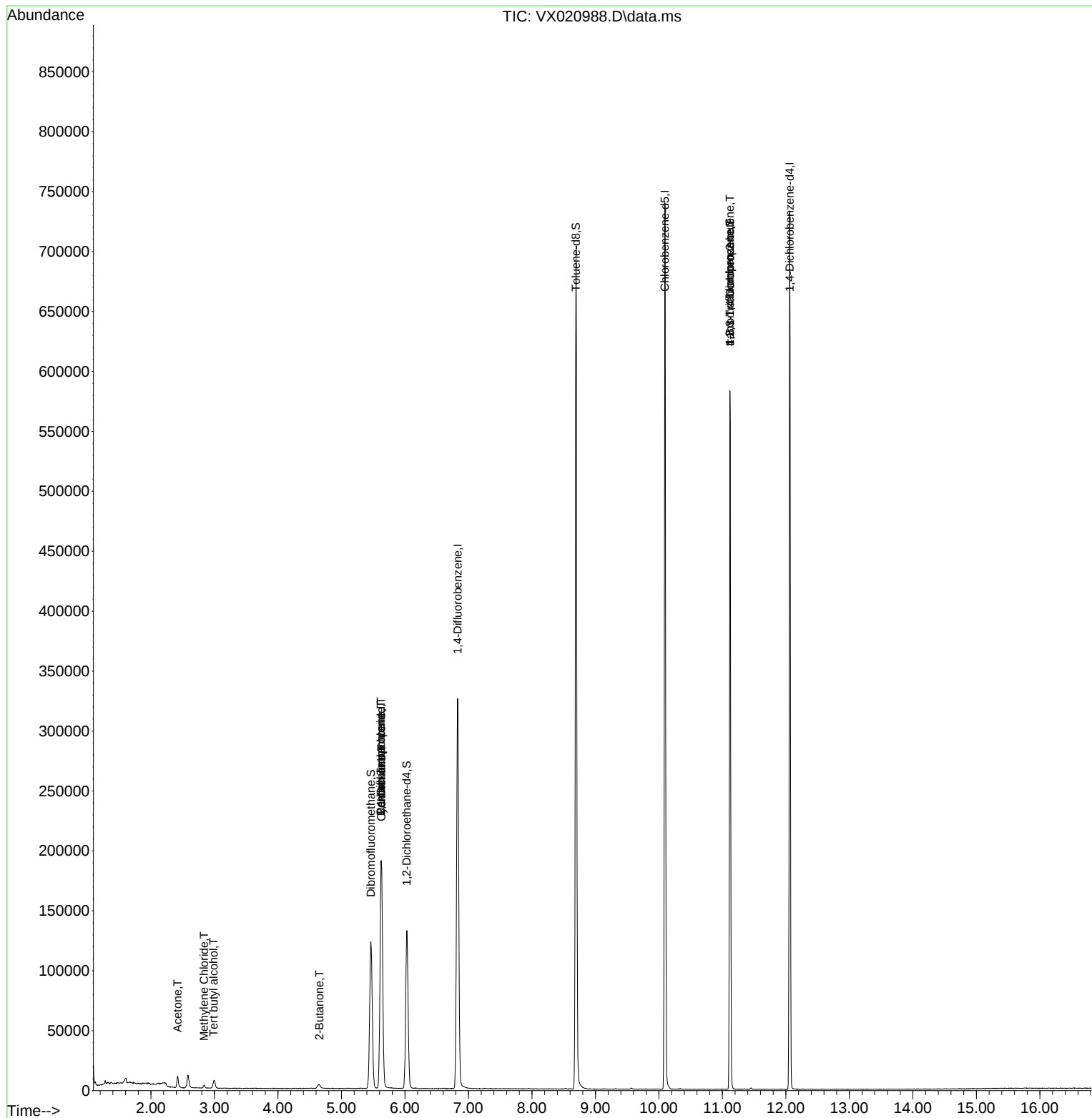
Target Compounds					Qvalue
5) Bromomethane	1.640	94	177	Below Cal	# 80
11) Tert butyl alcohol	2.987	59	4319	7.49 ug/l	# 73
16) Acetone	2.417	43	10062	9.43 ug/l	99
20) Methylene Chloride	2.834	84	1163	0.45 ug/l	# 94
25) 2-Butanone	4.652	43	502	0.31 ug/l	# 45
31) Cyclohexane	5.629	56	3627	0.97 ug/l	# 1
36) 1,1-Dichloropropene	5.623	75	14558	4.47 ug/l	# 48
38) Carbon Tetrachloride	5.623	117	17827	5.65 ug/l	# 17
76) 1,2,3-Trichloropropane	11.118	75	78319	23.35 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	78319	51.71 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
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

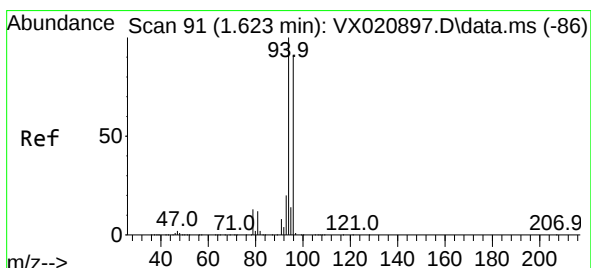
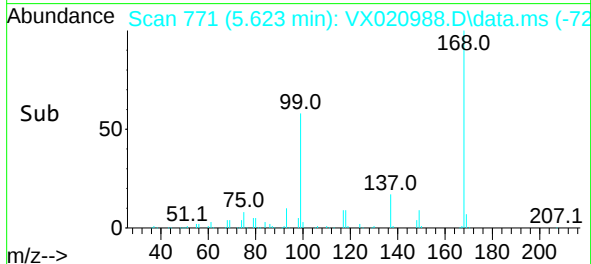
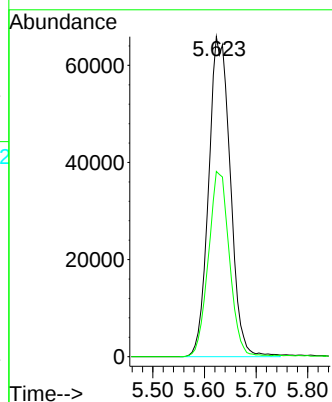
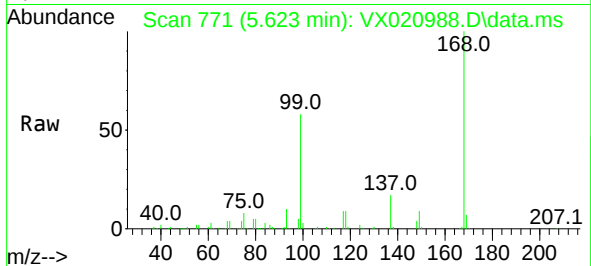




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

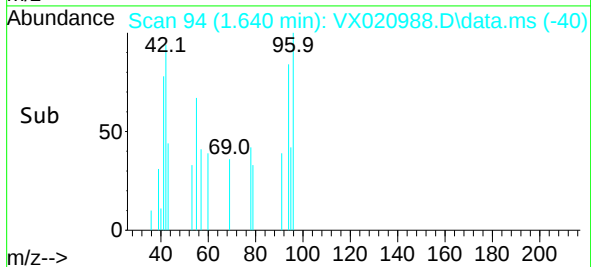
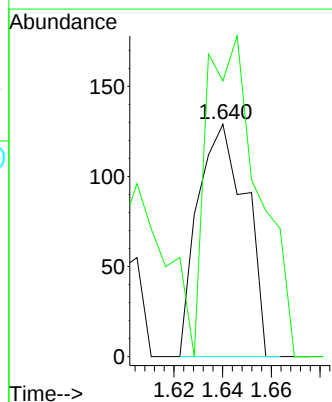
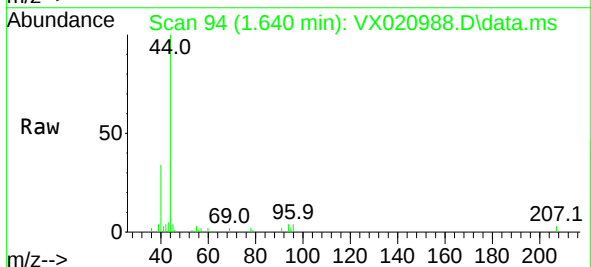
Instrument :
MSVOA_X
ClientSampleId :
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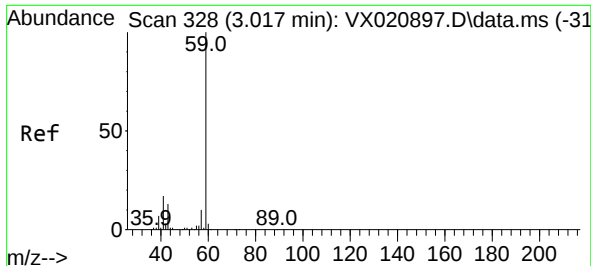
Tgt Ion:168 Resp: 191698
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Tgt Ion: 94 Resp: 177
Ion Ratio Lower Upper
94 100
96 76.0 76.4 114.6#

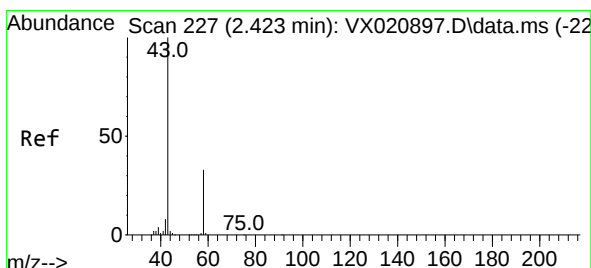
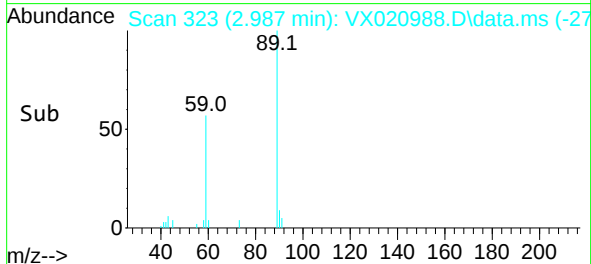
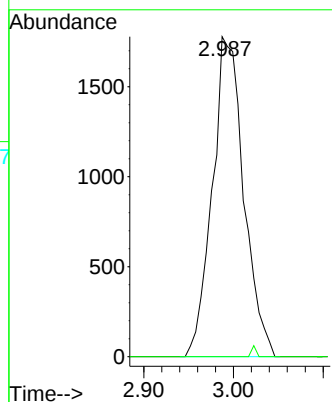
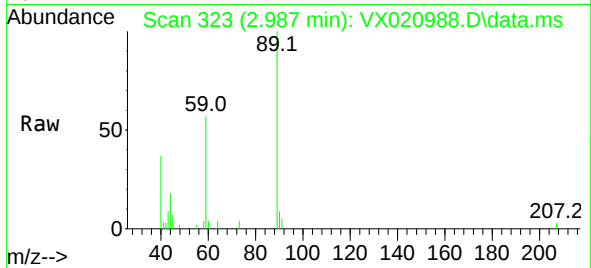




#11
Tert butyl alcohol
Concen: 7.49 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

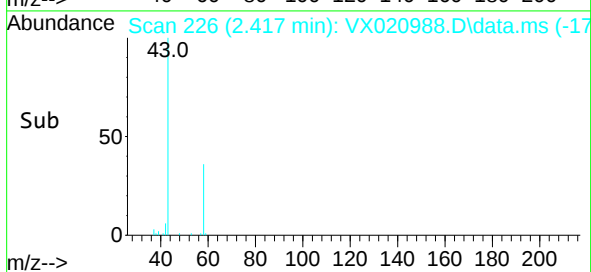
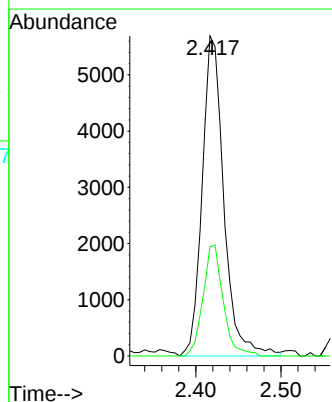
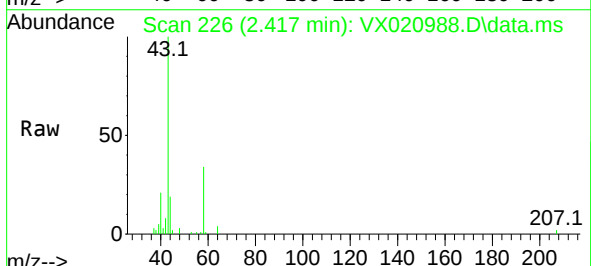
Instrument :
MSVOA_X
ClientSampleId :
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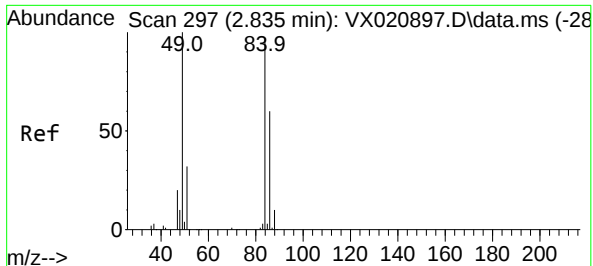
Tgt Ion: 59 Resp: 4319
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.43 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Tgt Ion: 43 Resp: 10062
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.45 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX020988.D

Acq: 03 Mar 2021 00:28

Tgt Ion: 84 Resp: 1163

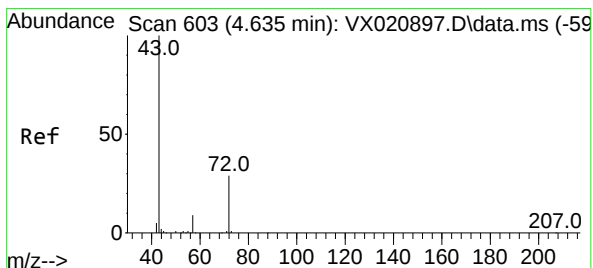
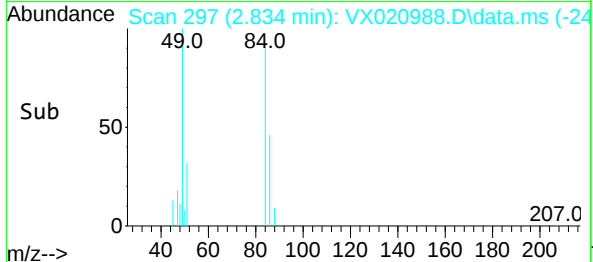
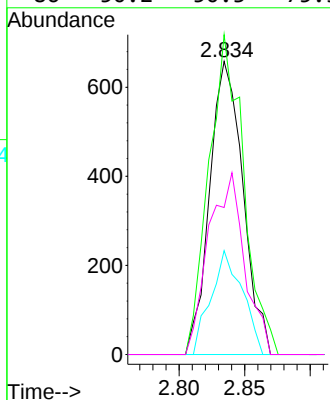
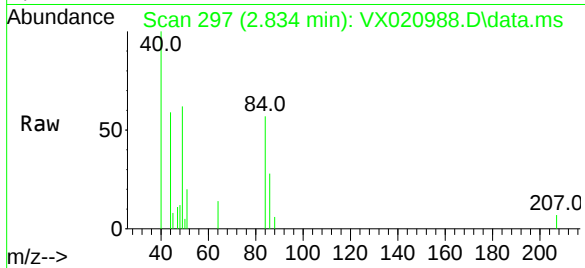
Ion Ratio Lower Upper

84 100

49 109.1 88.6 132.8

51 35.4 27.0 40.6

86 50.2 50.3 75.5#



#25

2-Butanone

Concen: 0.31 ug/l

RT: 4.652 min Scan# 606

Delta R.T. 0.018 min

Lab File: VX020988.D

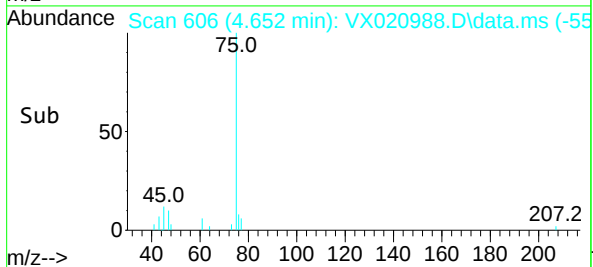
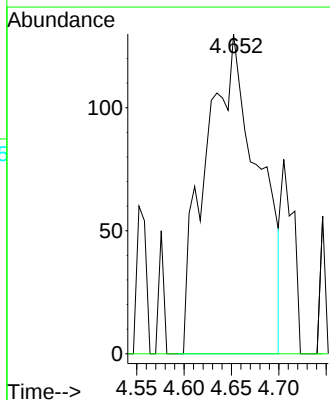
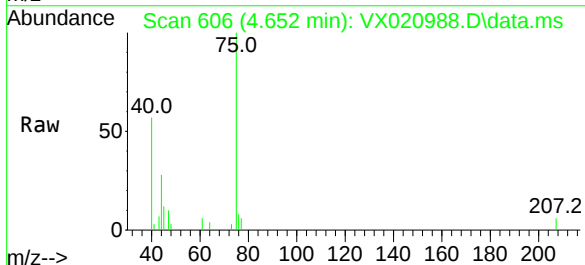
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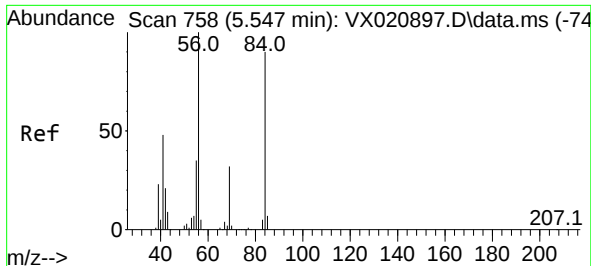
Tgt Ion: 43 Resp: 502

Ion Ratio Lower Upper

43 100

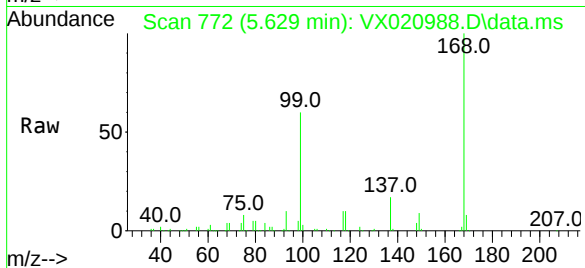
72 0.0 23.7 35.5#



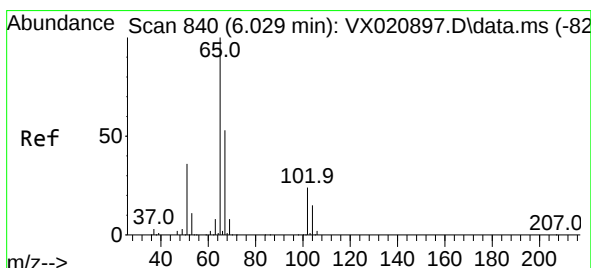
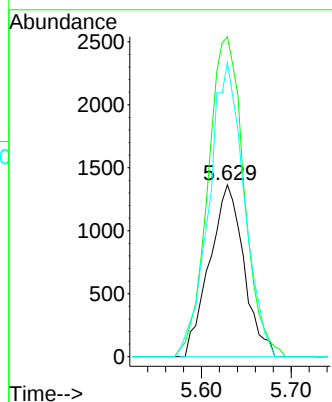
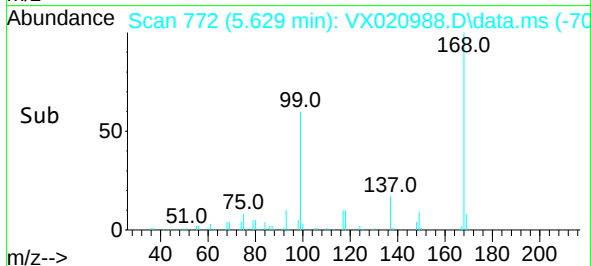


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

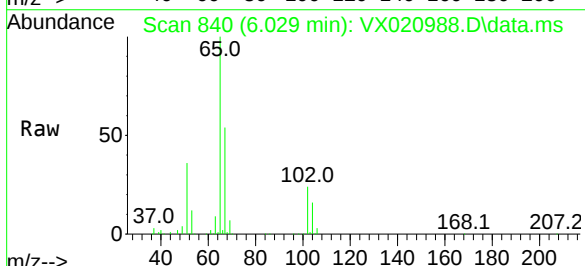
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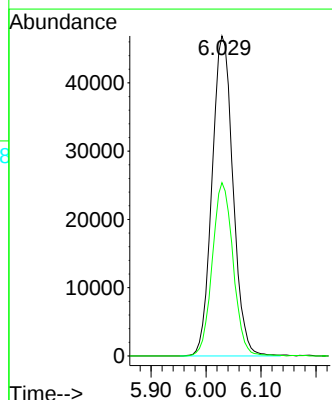
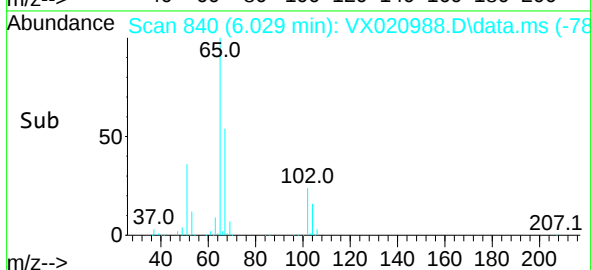
Tgt Ion: 56 Resp: 3627
Ion Ratio Lower Upper
56 100
69 182.1 25.3 37.9#
84 171.1 71.4 107.0#

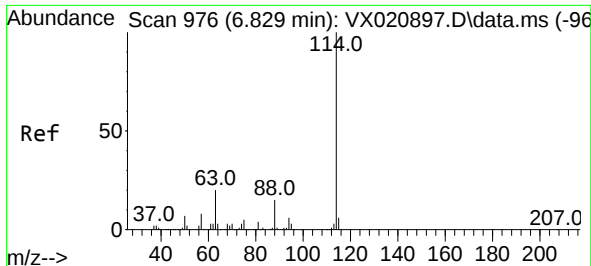


#33
1,2-Dichloroethane-d4
Concen: 47.90 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28



Tgt Ion: 65 Resp: 124022
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4

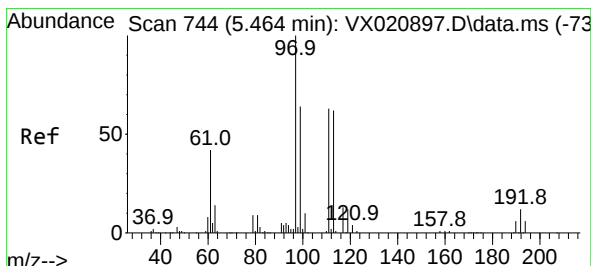
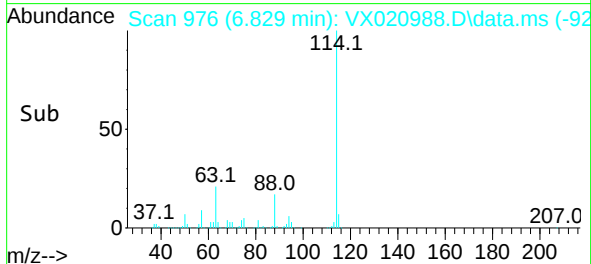
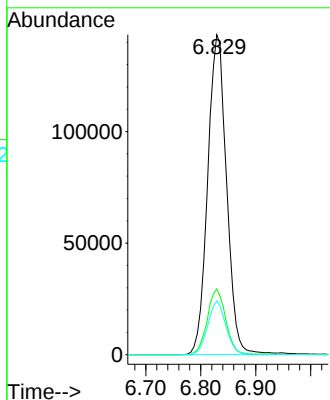
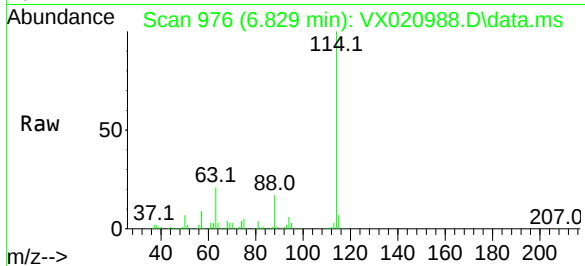




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

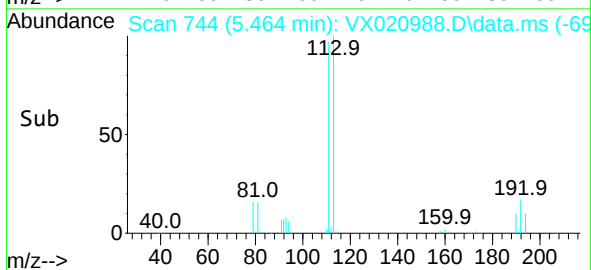
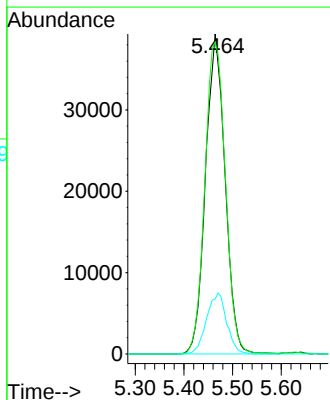
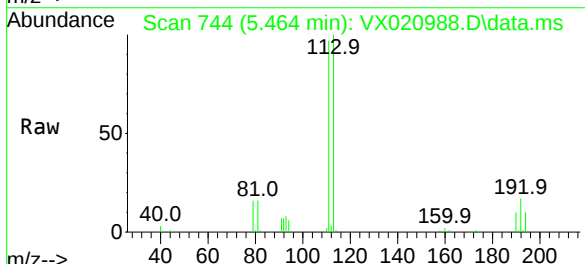
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ClientSampleId :
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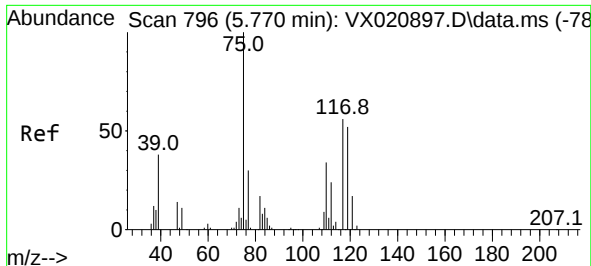
Tgt Ion:114 Resp: 342841
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.49 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

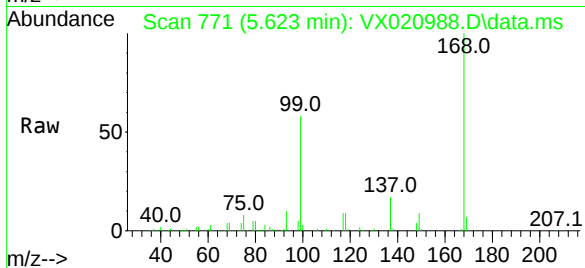
Tgt Ion:113 Resp: 109332
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.6 16.7 25.1



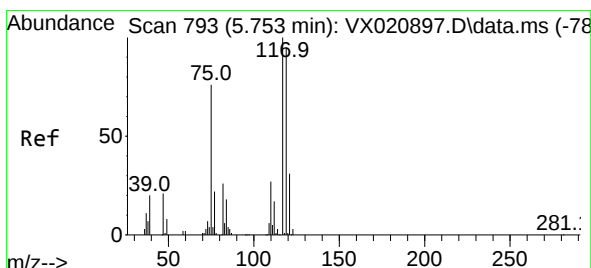
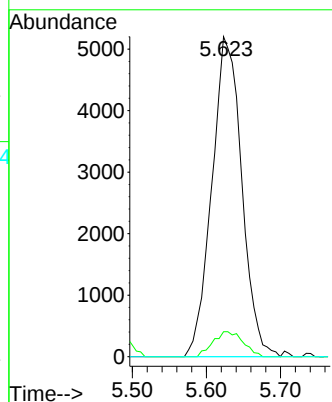
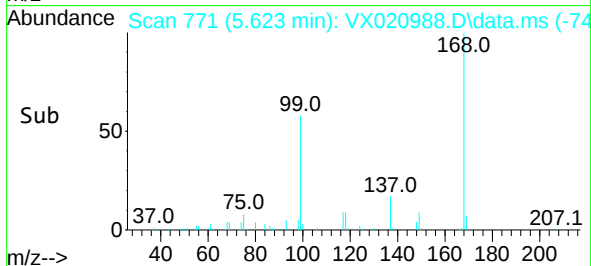


#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

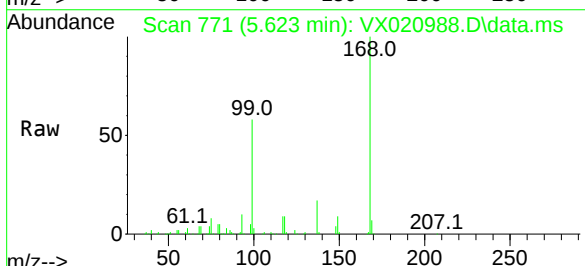
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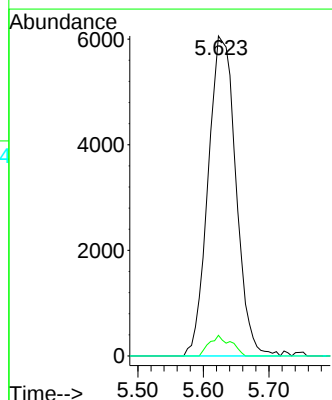
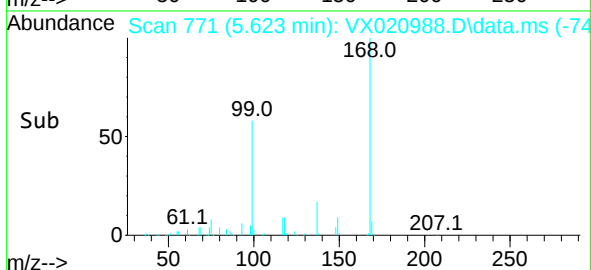
Tgt Ion: 75 Resp: 14558
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#

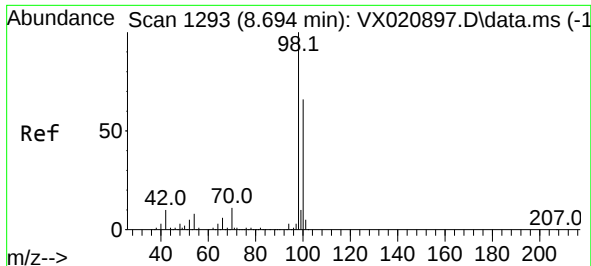


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28



Tgt Ion: 117 Resp: 17827
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

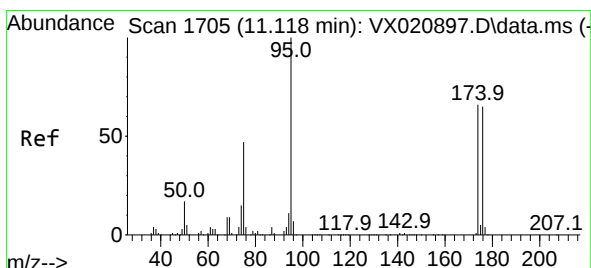
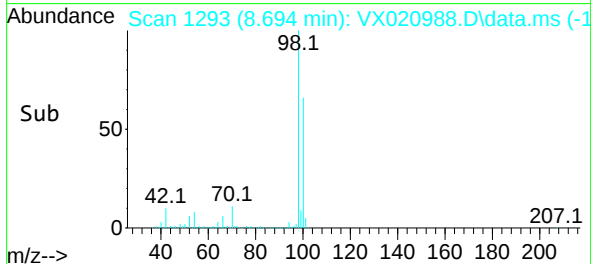
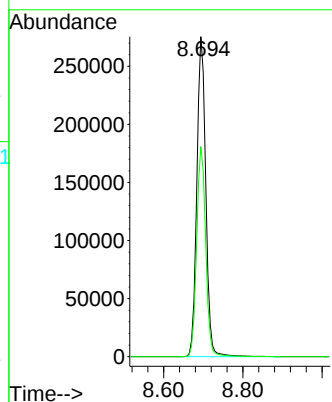
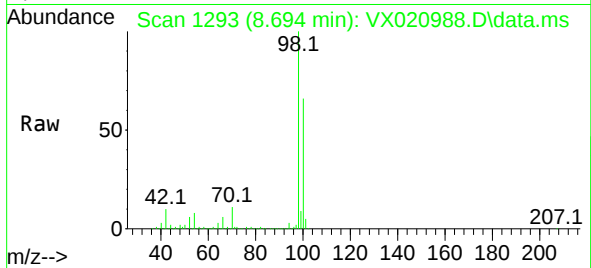




#50
Toluene-d8
Concen: 53.00 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

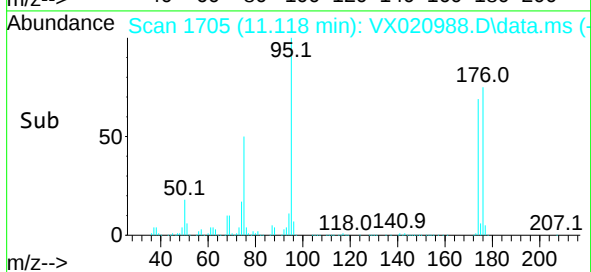
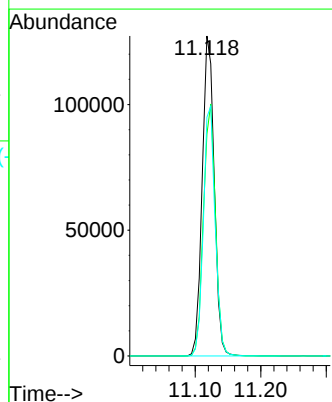
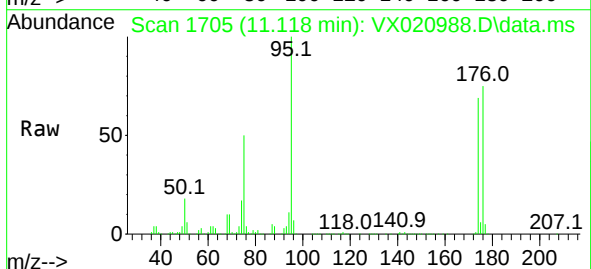
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ClientSampleId :
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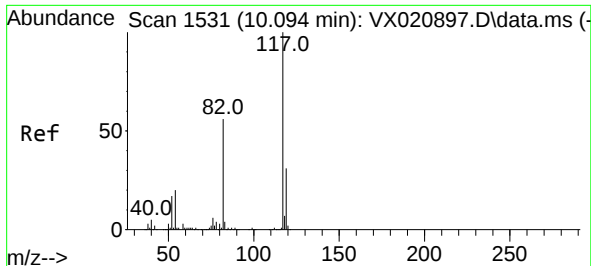
Tgt Ion: 98 Resp: 430501
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Tgt Ion: 95 Resp: 162585
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 76.7 0.0 155.8

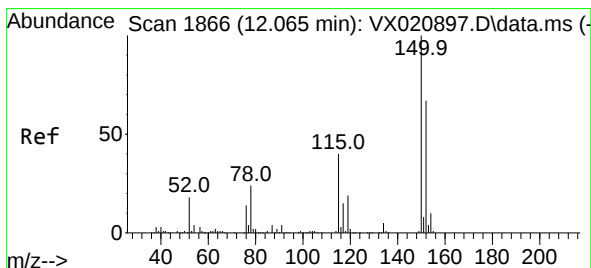
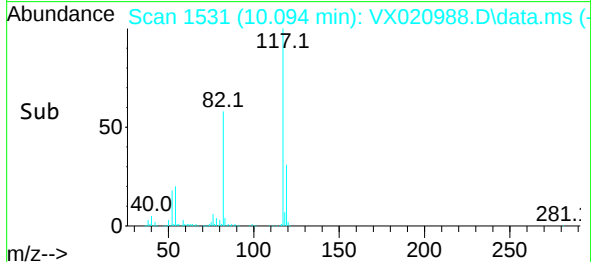
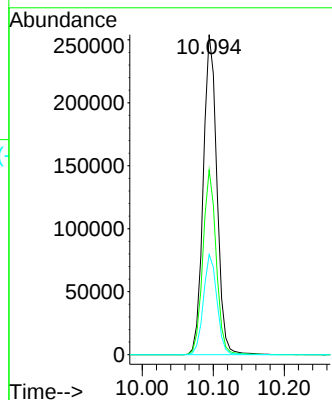
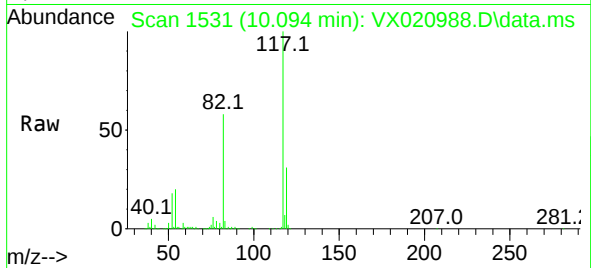




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

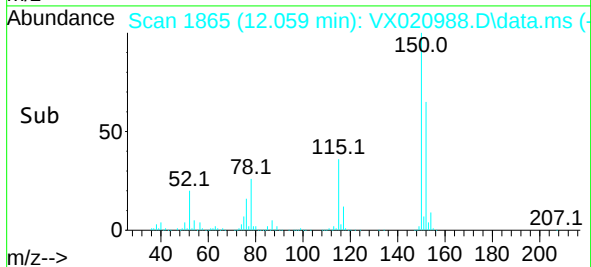
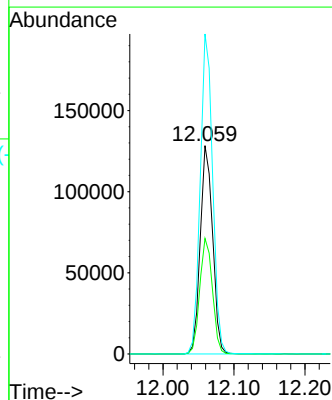
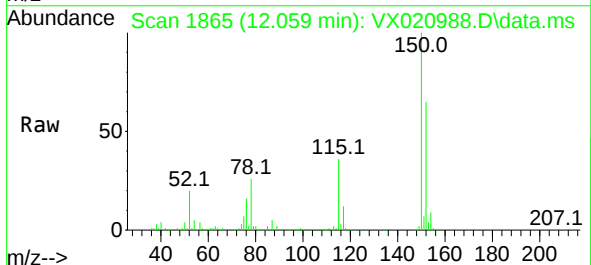
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

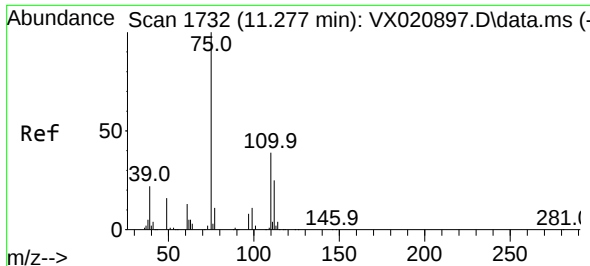
Tgt Ion:117 Resp: 340487
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Tgt Ion:152 Resp: 155889
Ion Ratio Lower Upper
152 100
115 56.8 41.1 123.3
150 153.9 0.0 349.0

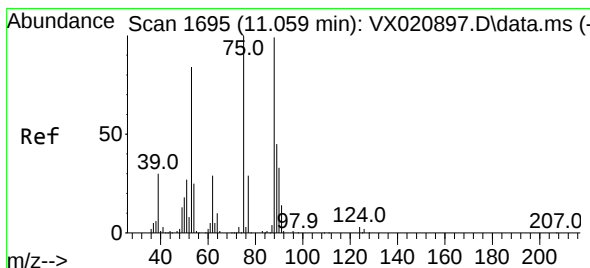
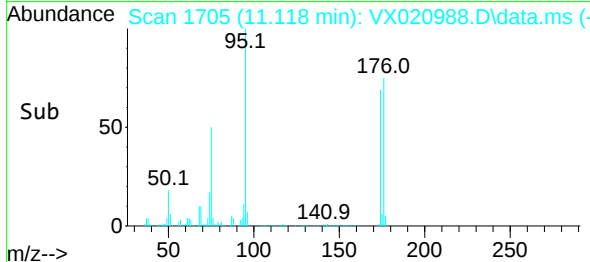
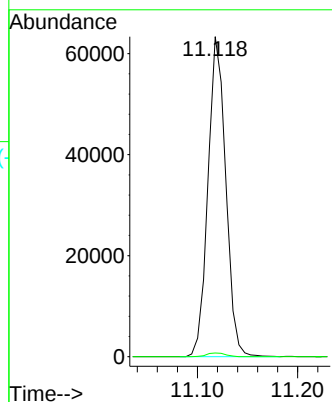
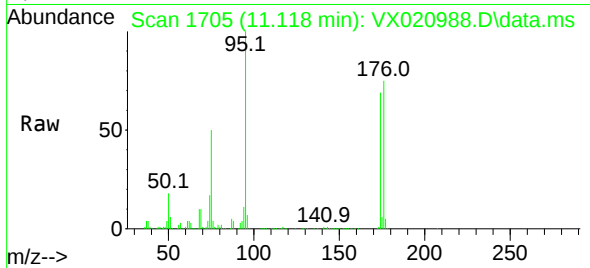




#76
1,2,3-Trichloropropane
Concen: 23.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 78319
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020988.D
Acq: 03 Mar 2021 00:28

Tgt Ion: 75 Resp: 78319
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

