

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020975.D
 Acq On : 02 Mar 2021 19:28
 Operator : JC/MD
 Sample : M1545-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-725

Quant Time: Mar 03 01:18:13 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)

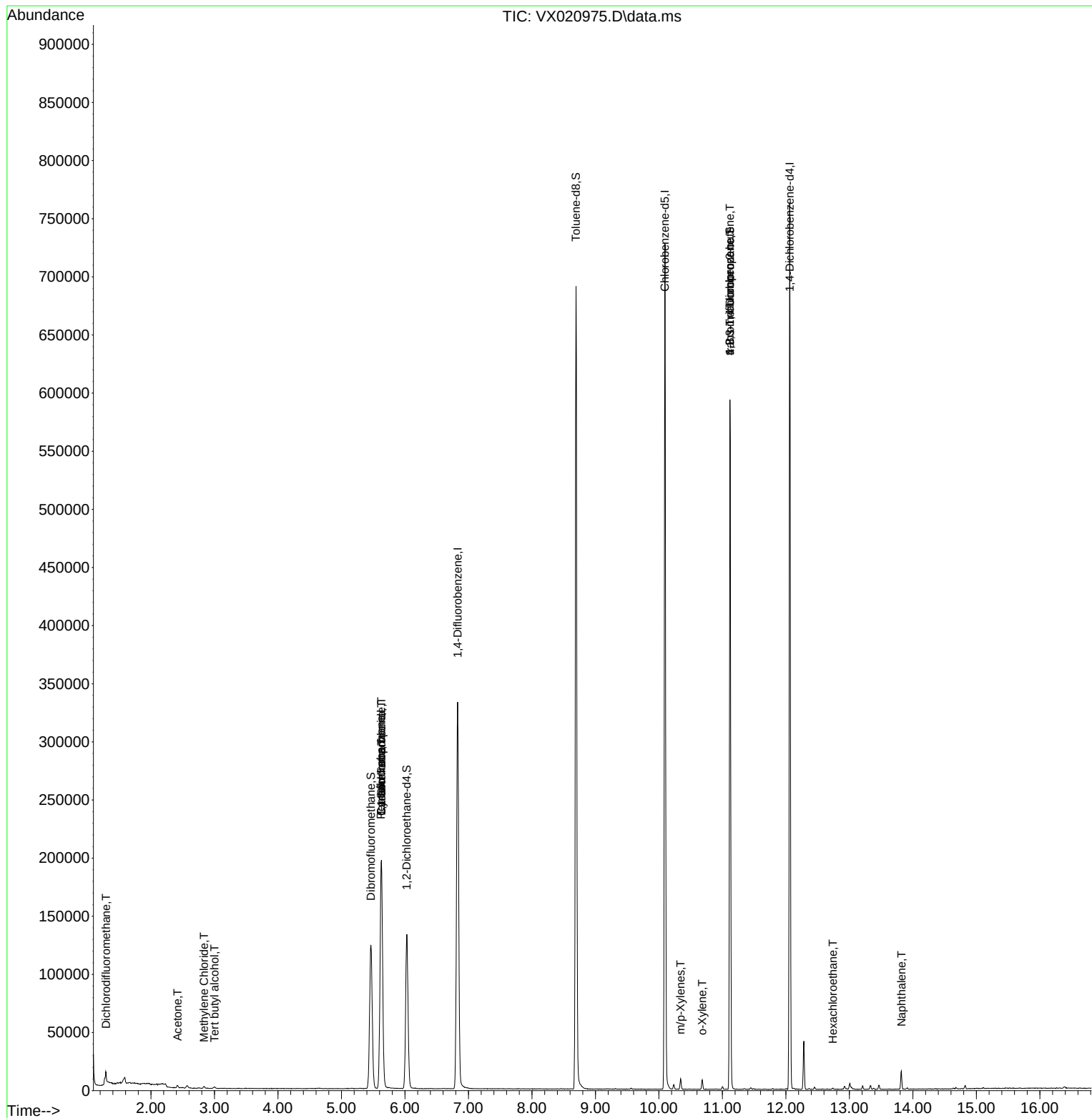
Internal Standards						
1) Pentafluorobenzene	5.623	168	195548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	355318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	346113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	126249	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	5.464	113	110946	51.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.78%
50) Toluene-d8	8.694	98	435359	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.118	95	168019	53.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.96%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.293	85	776	0.37	ug/l	100
5) Bromomethane	1.640	94	315	Below Cal		93
11) Tert butyl alcohol	2.999	59	987	1.68	ug/l #	93
16) Acetone	2.417	43	2154	1.98	ug/l	99
20) Methylene Chloride	2.834	84	661	0.25	ug/l	94
31) Cyclohexane	5.629	56	3606	0.94	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14657	4.34	ug/l #	48
38) Carbon Tetrachloride	5.629	117	18640	5.70	ug/l #	17
68) m/p-Xylenes	10.341	106	2219	0.46	ug/l	89
69) o-Xylene	10.683	106	1618	0.34	ug/l	87
76) 1,2,3-Trichloropropane	11.118	75	80540	24.00	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	80540	53.15	ug/l #	12
90) Hexachloroethane	12.742	117	731	0.36	ug/l #	9
95) Naphthalene	13.818	128	9917	0.87	ug/l	99

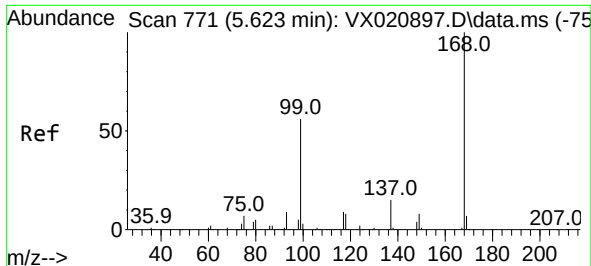
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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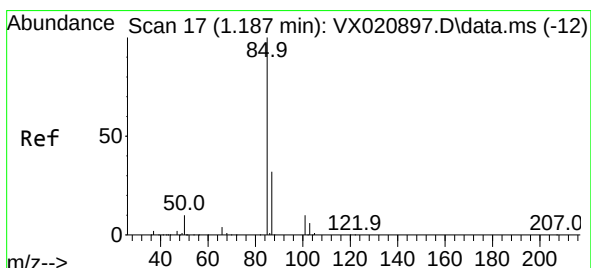
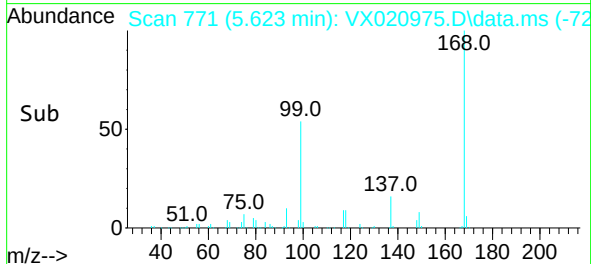
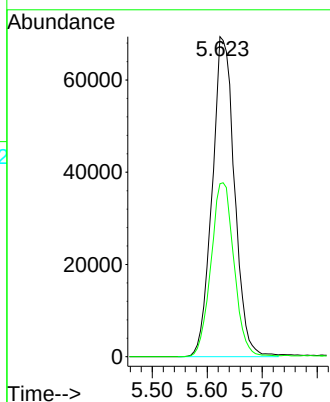
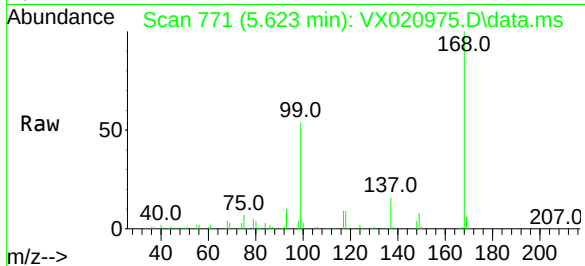




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

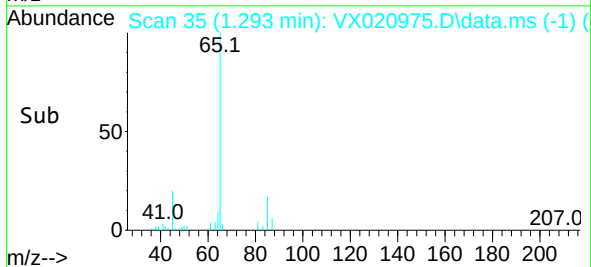
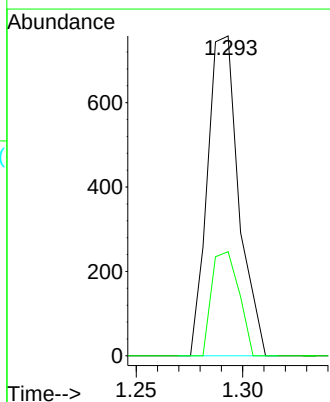
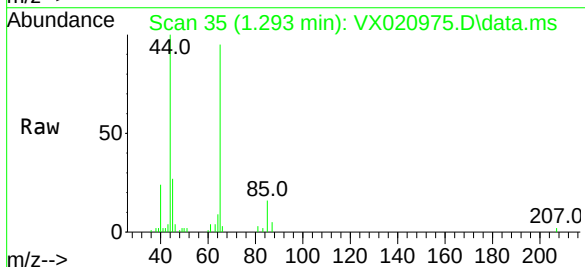
Instrument :
MSVOA_X
ClientSampleId :
MH-725

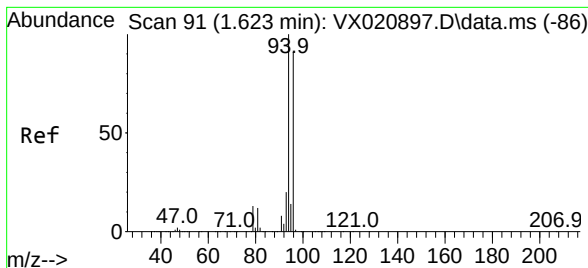
Tgt Ion:168 Resp: 195548
Ion Ratio Lower Upper
168 100
99 54.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.293 min Scan# 35
Delta R.T. 0.106 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion: 85 Resp: 776
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

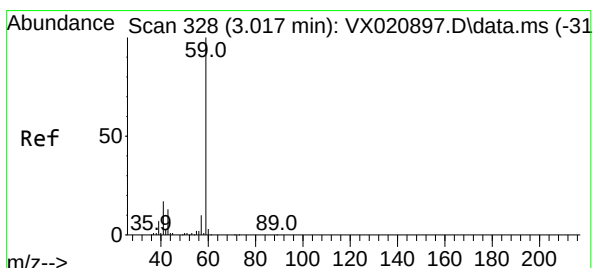
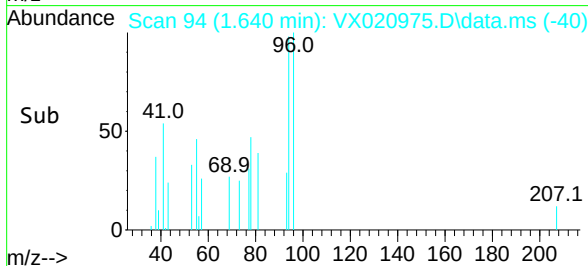
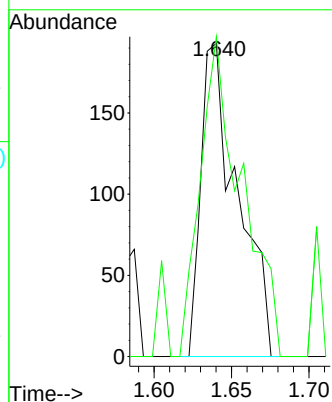
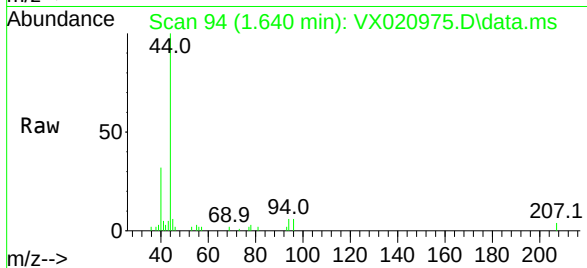




#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

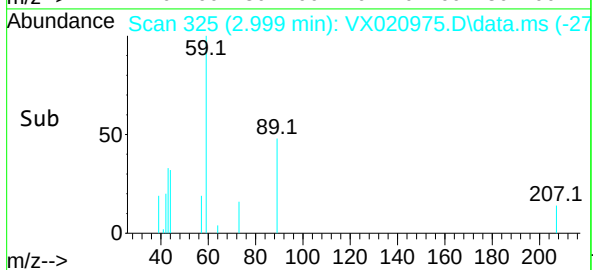
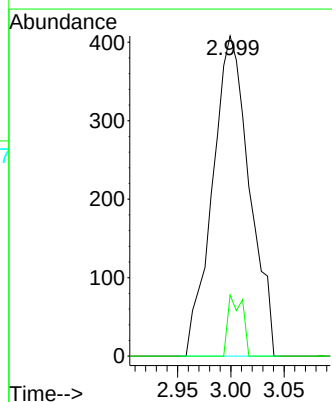
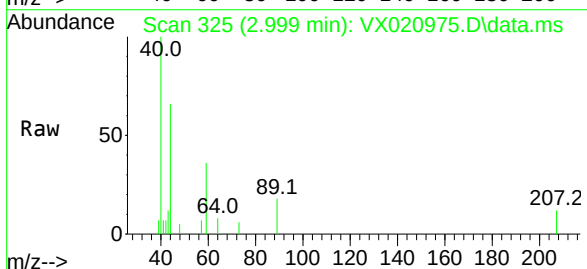
Instrument :
MSVOA_X
ClientSampleId :
MH-725

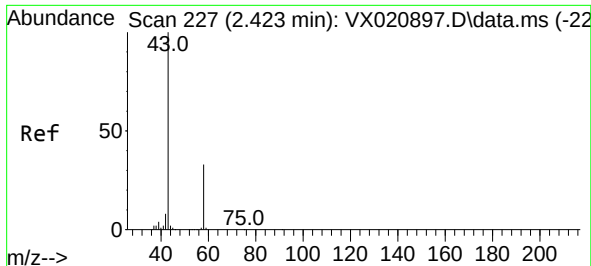
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 102.1 76.4 114.6



#11
Tert butyl alcohol
Concen: 1.68 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#

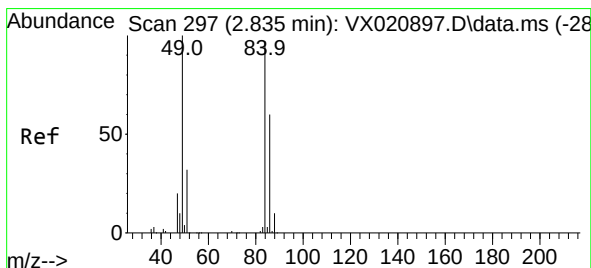
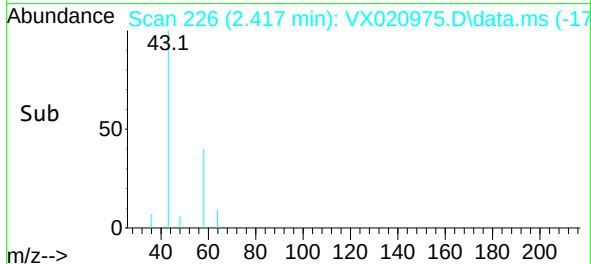
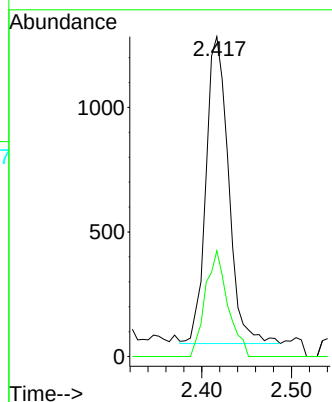
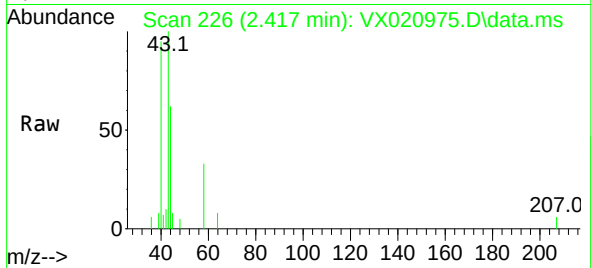




#16
Acetone
Concen: 1.98 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

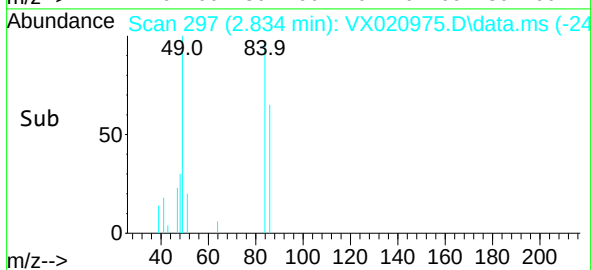
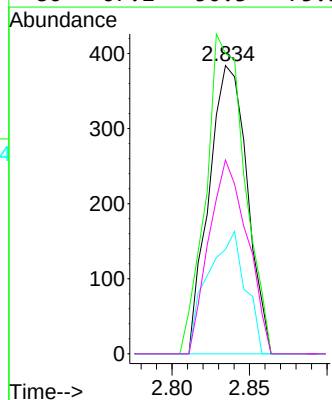
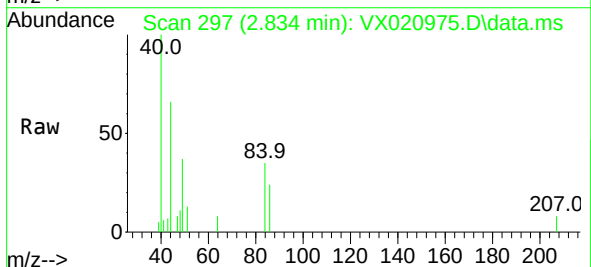
Instrument :
MSVOA_X
ClientSampleId :
MH-725

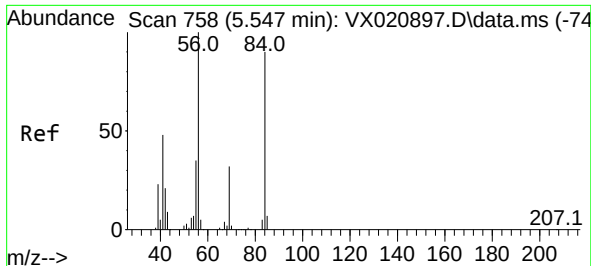
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

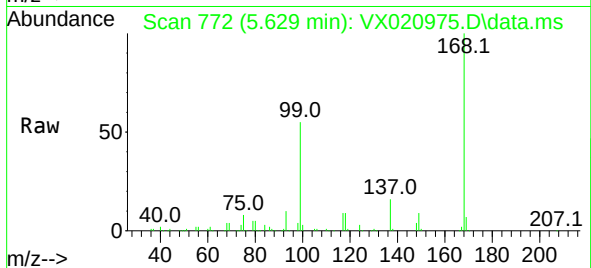
Tgt Ion: 84 Resp: 661
Ion Ratio Lower Upper
84 100
49 104.2 88.6 132.8
51 36.2 27.0 40.6
86 67.2 50.3 75.5



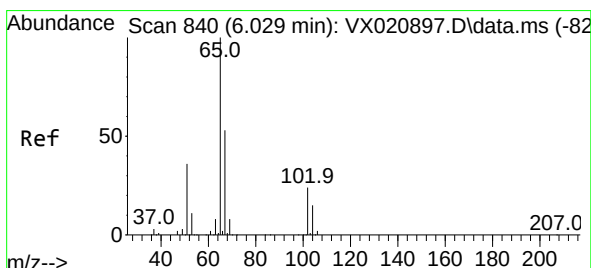
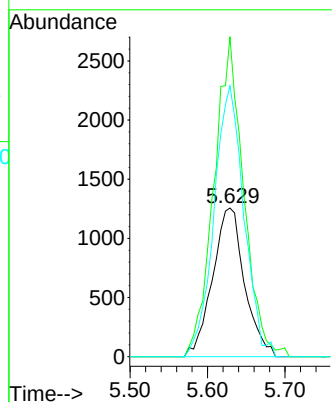
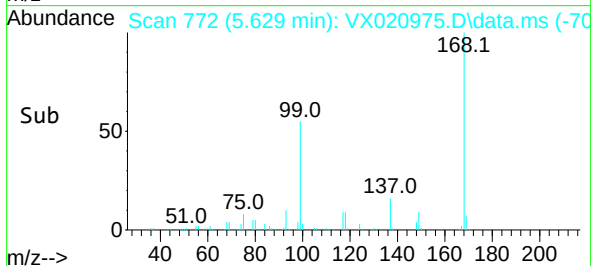


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

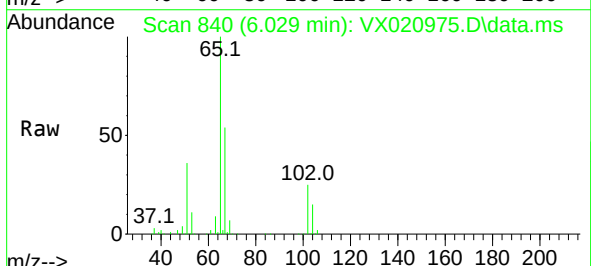
Instrument :
MSVOA_X
ClientSampleId :
MH-725



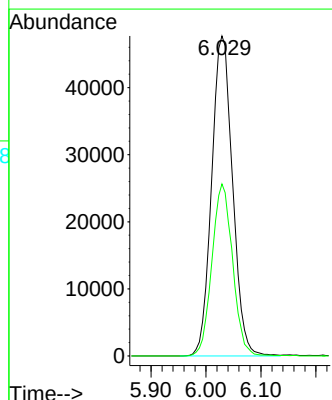
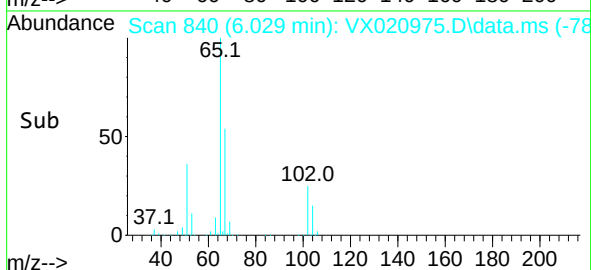
Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 215.4 25.3 37.9#
84 182.2 71.4 107.0#

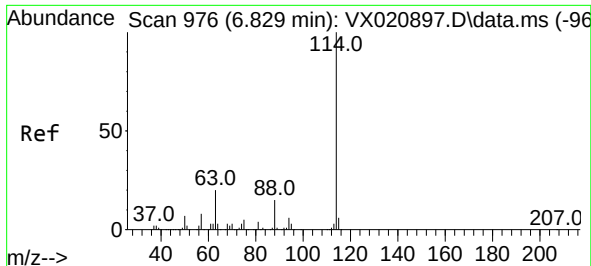


#33
1,2-Dichloroethane-d4
Concen: 47.80 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28



Tgt Ion: 65 Resp: 126249
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

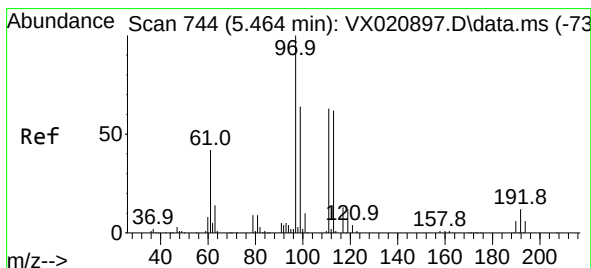
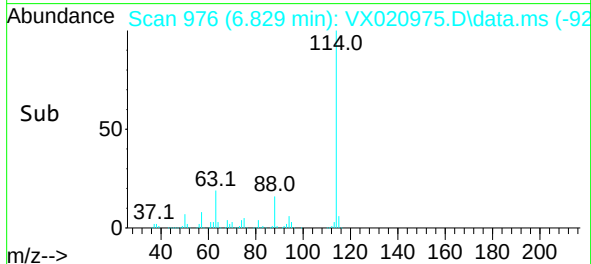
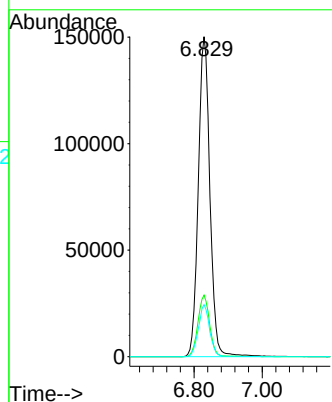
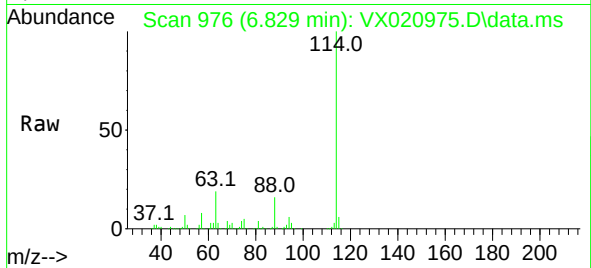




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

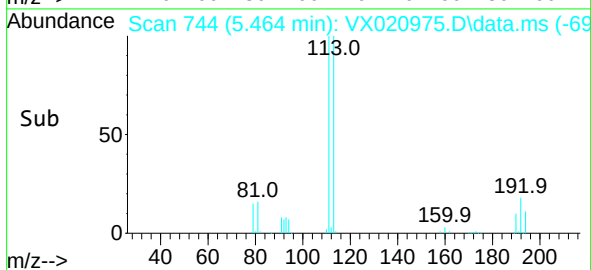
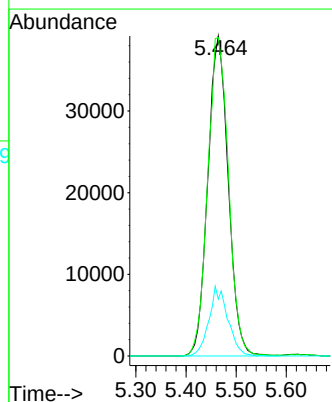
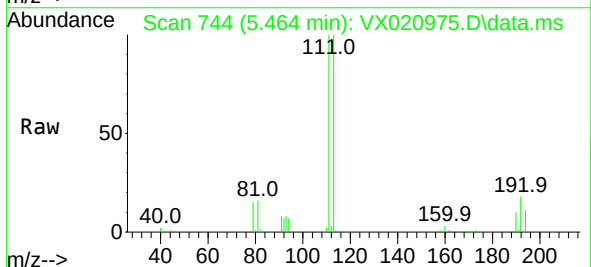
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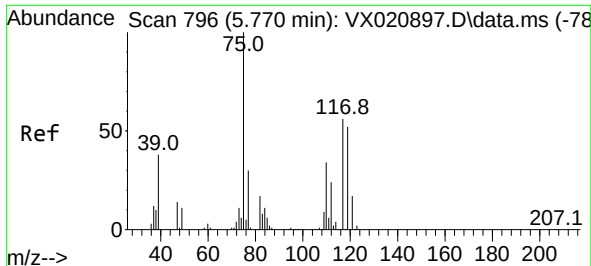
Tgt Ion:114 Resp: 355318
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.39 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

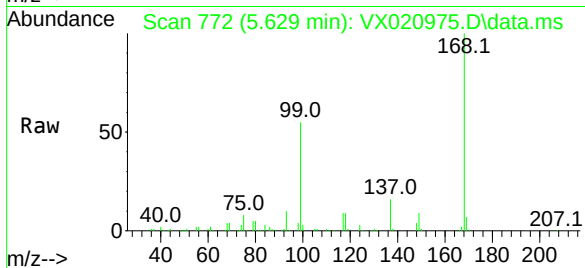
Tgt Ion:113 Resp: 110946
Ion Ratio Lower Upper
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111 101.6 81.9 122.9
192 20.1 16.7 25.1



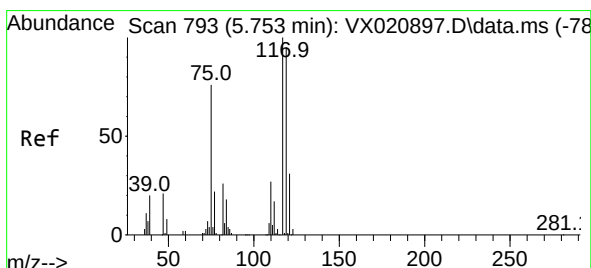
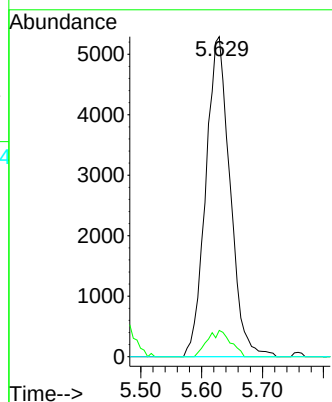
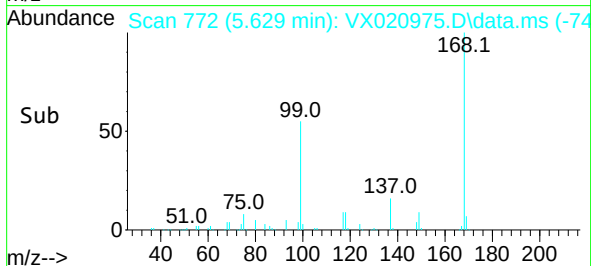


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

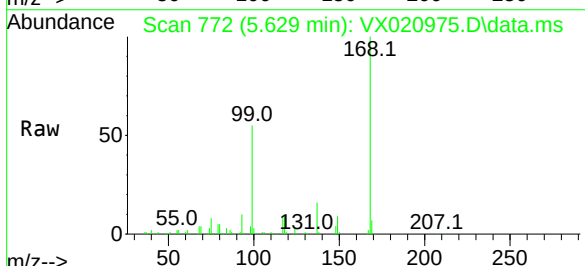
Instrument :
MSVOA_X
ClientSampleId :
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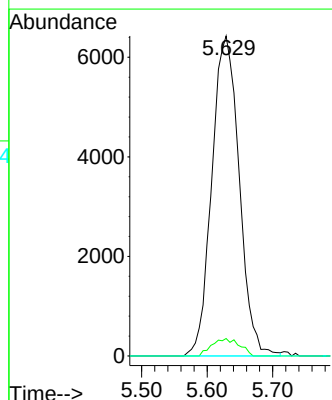
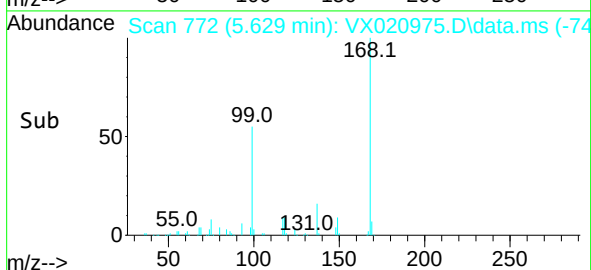
Tgt Ion: 75 Resp: 14657
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#

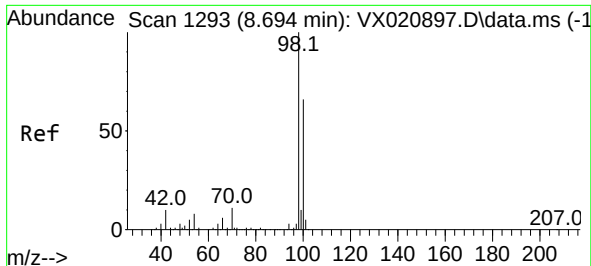


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28



Tgt Ion: 117 Resp: 18640
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

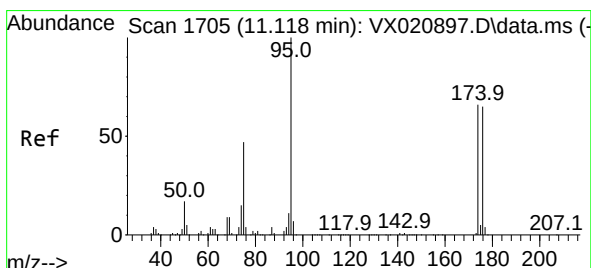
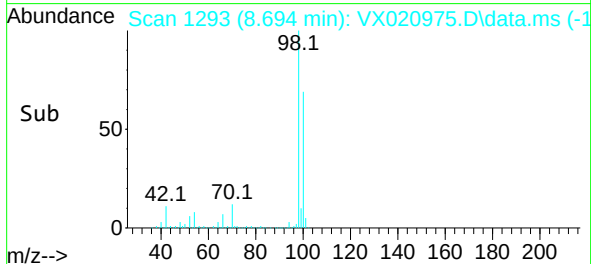
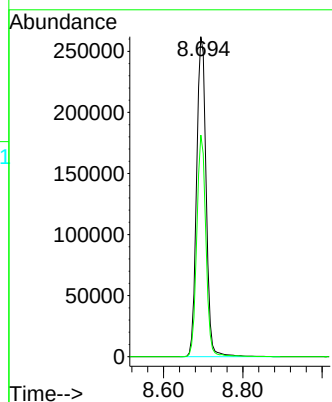
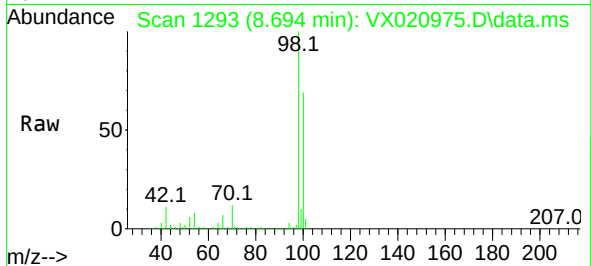




#50
Toluene-d8
Concen: 51.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

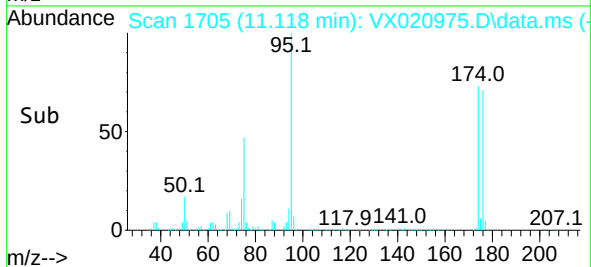
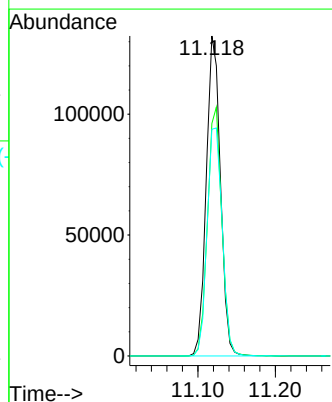
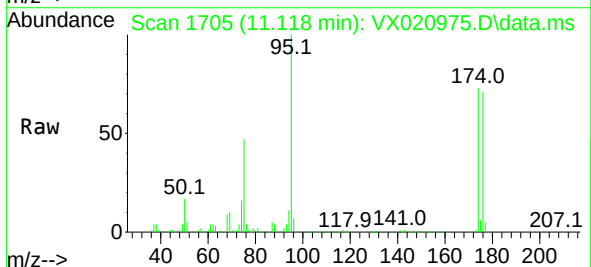
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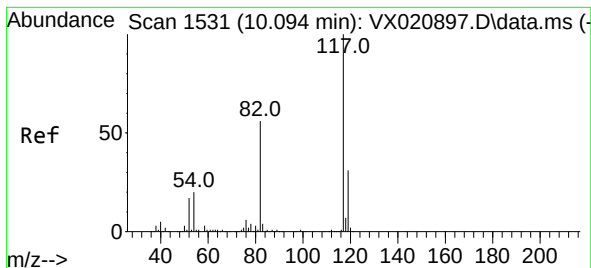
Tgt Ion: 98 Resp: 435359
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion: 95 Resp: 168019
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 76.4 0.0 155.8

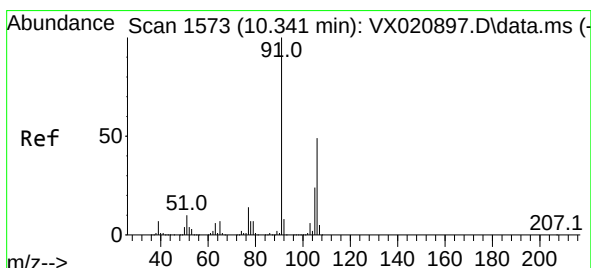
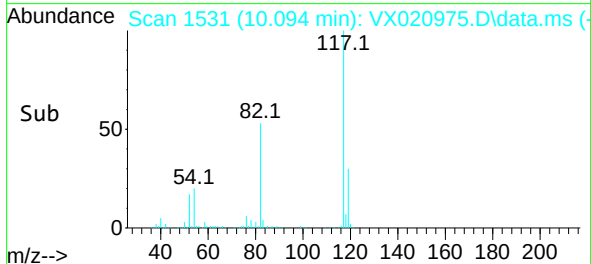
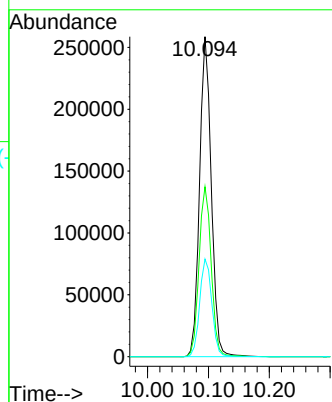
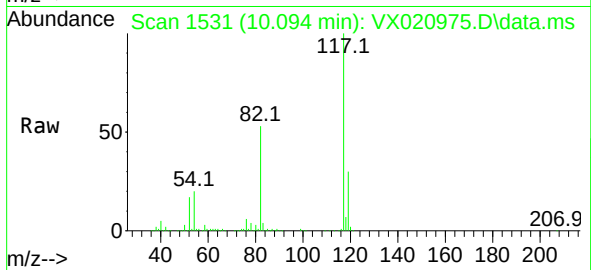




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

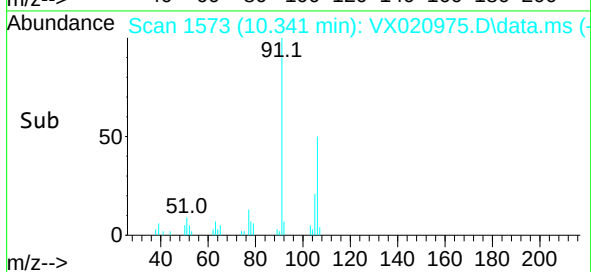
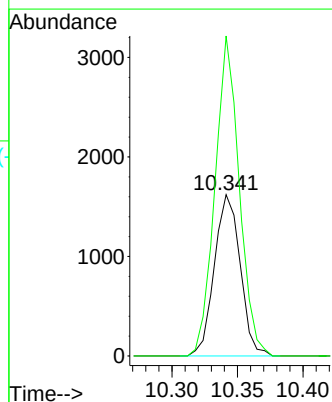
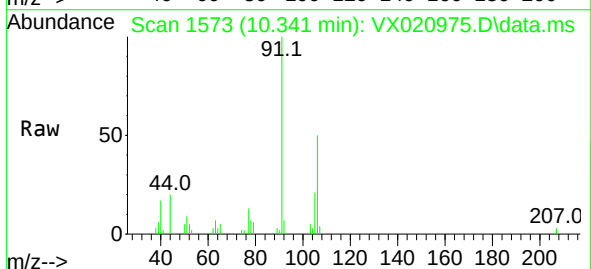
Instrument :
MSVOA_X
ClientSampleId :
MH-725

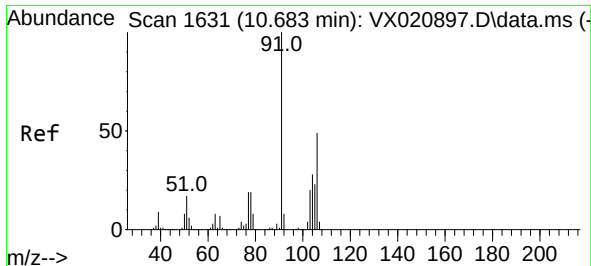
Tgt Ion:117 Resp: 346113
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 30.5 26.6 39.8



#68
m/p-Xylenes
Concen: 0.46 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion:106 Resp: 2219
Ion Ratio Lower Upper
106 100
91 186.5 162.8 244.2

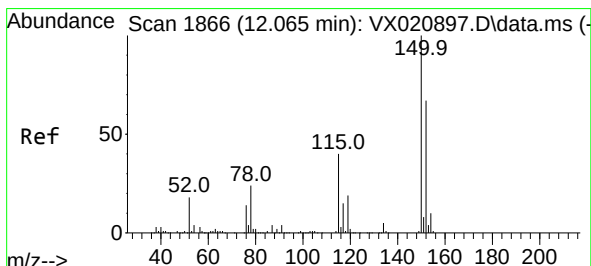
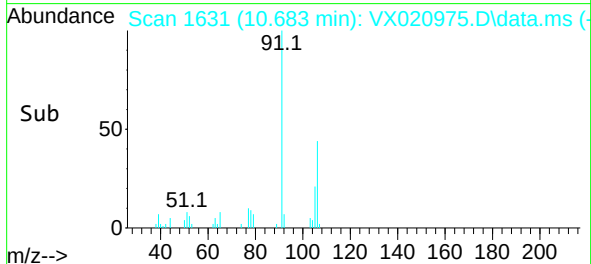
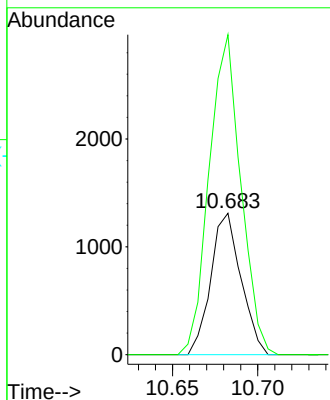
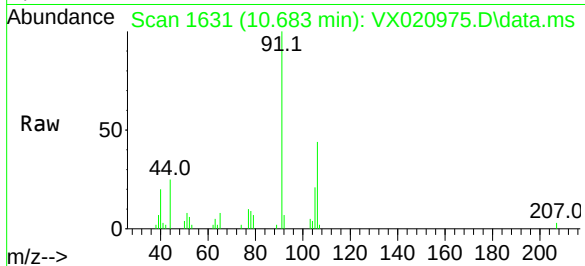




#69
o-Xylene
Concen: 0.34 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

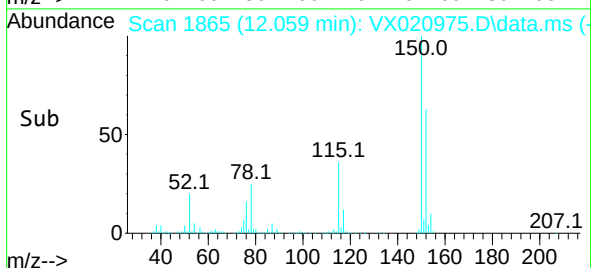
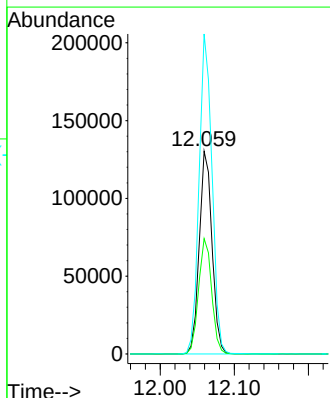
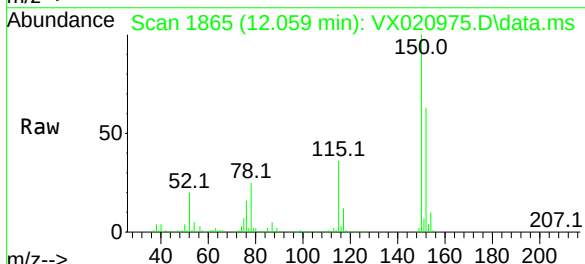
Instrument :
MSVOA_X
ClientSampled :
MH-725

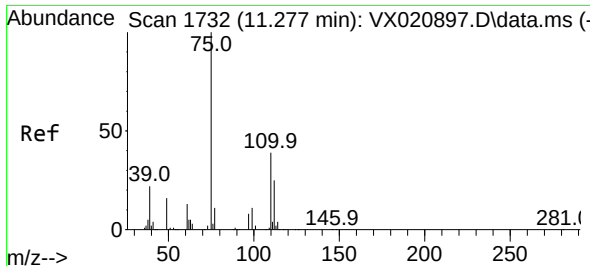
Tgt Ion:106 Resp: 1618
Ion Ratio Lower Upper
106 100
91 237.0 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion:152 Resp: 155965
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 159.7 0.0 349.0

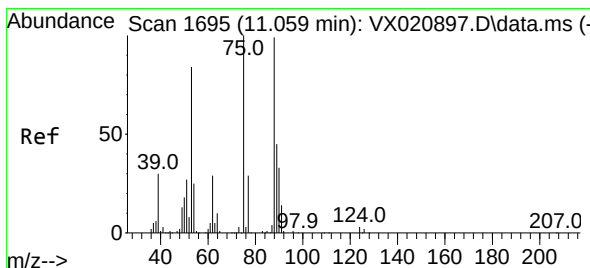
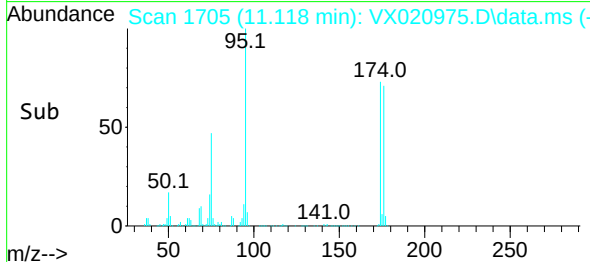
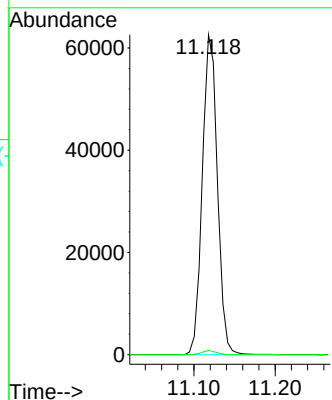
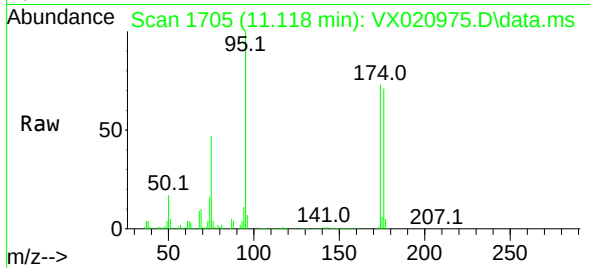




#76
1,2,3-Trichloropropane
Concen: 24.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

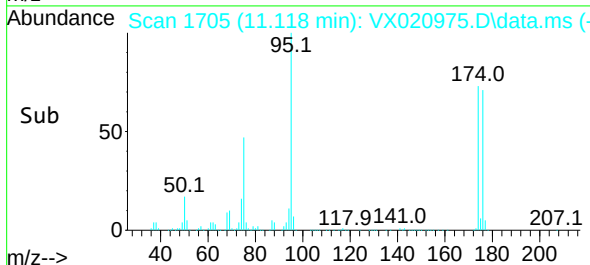
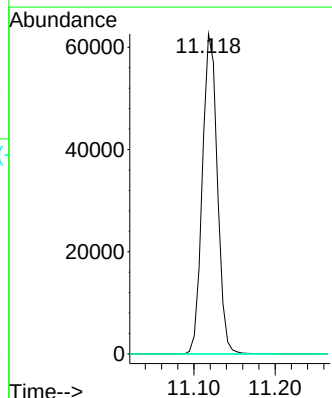
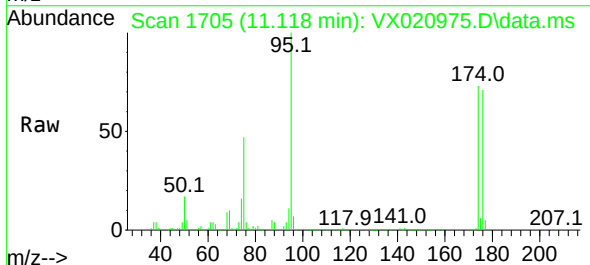
Instrument :
MSVOA_X
ClientSampleId :
MH-725

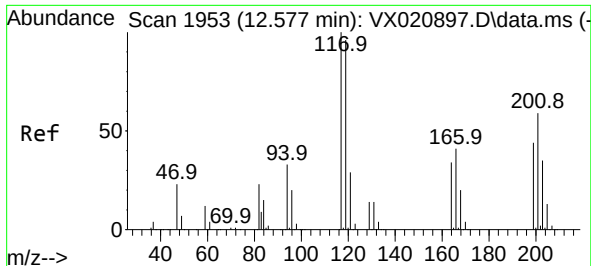
Tgt Ion: 75 Resp: 80540
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.15 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion: 75 Resp: 80540
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

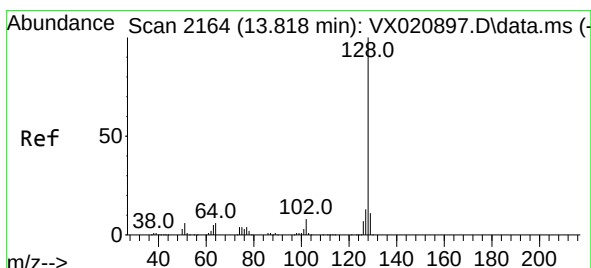
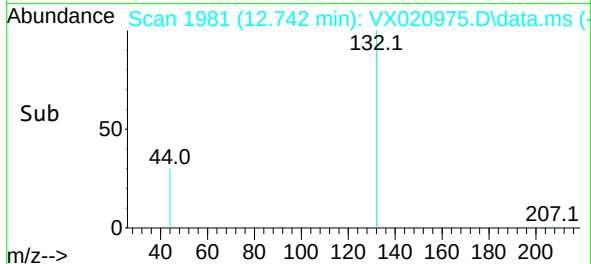
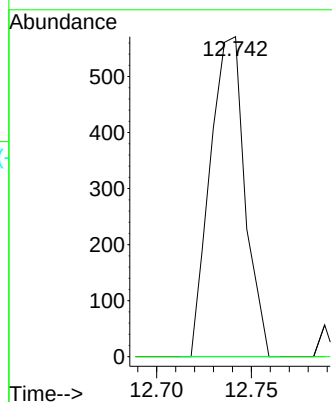
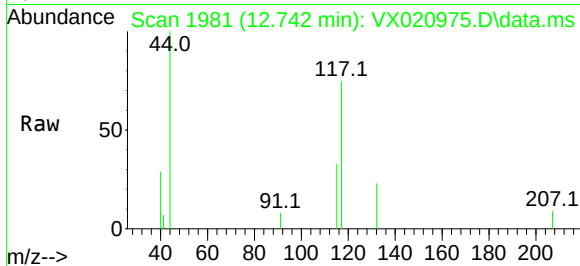




#90
Hexachloroethane
Concen: 0.36 ug/l
RT: 12.742 min Scan# 1981
Delta R.T. 0.165 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Instrument :
MSVOA_X
ClientSampleId :
MH-725

Tgt Ion:117 Resp: 731
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 0.87 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX020975.D
Acq: 02 Mar 2021 19:28

Tgt Ion:128 Resp: 9917
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.8 13.2

