

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026997.D
 Acq On : 12 Feb 2022 03:16
 Operator : JC/MD
 Sample : N1465-02 20X
 Misc : 4.90g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A5-2-6.5ME

Quant Time: Feb 12 04:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

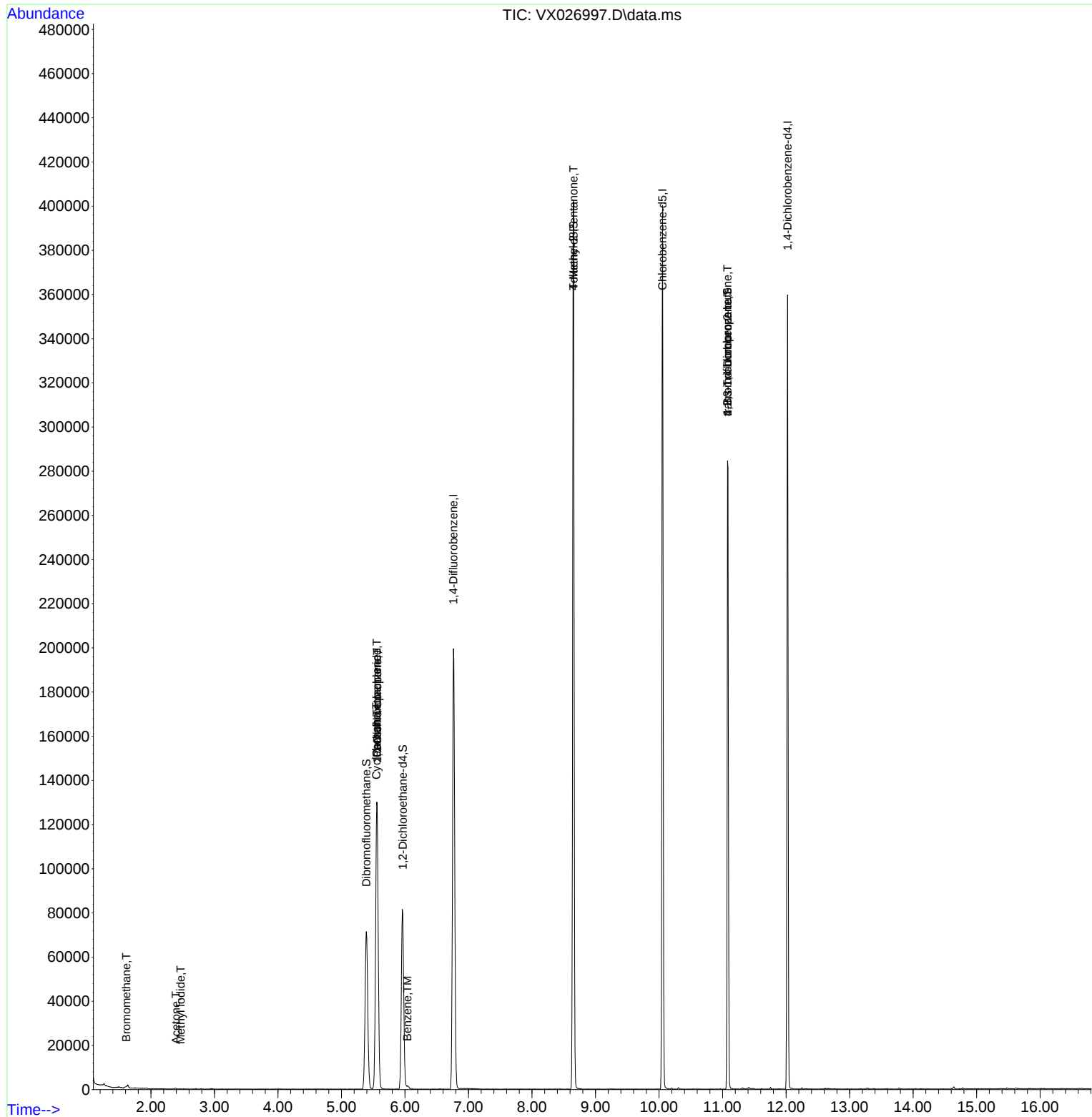
Internal Standards						
1) Pentafluorobenzene	5.556	168	123648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79150	53.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.660%	
35) Dibromofluoromethane	5.391	113	63558	51.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.480%	
50) Toluene-d8	8.653	98	239083	52.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.079	95	82485	51.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	112	0.202	ug/l #	2
10) Methyl Iodide	2.465	142	107	2.312	ug/l #	58
16) Acetone	2.392	43	482	0.739	ug/l	89
31) Cyclohexane	5.550	56	2394	1.015	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9740	4.978	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12550	6.116	ug/l #	17
40) Benzene	6.038	78	1805	0.317	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	1114	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40439	24.942	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	40439	76.088	ug/l #	3

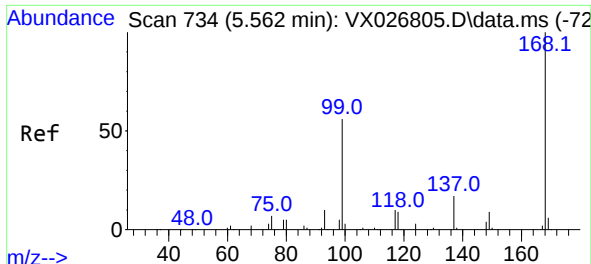
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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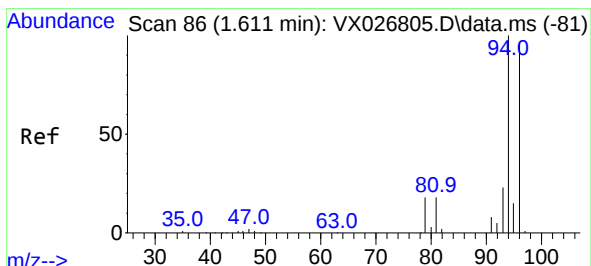
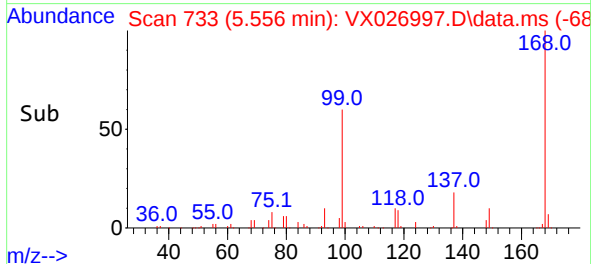
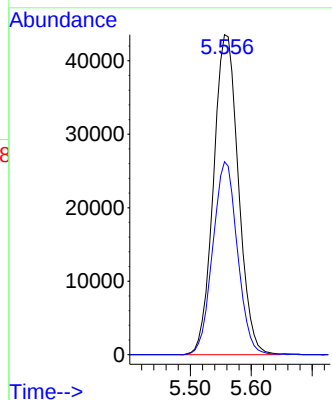
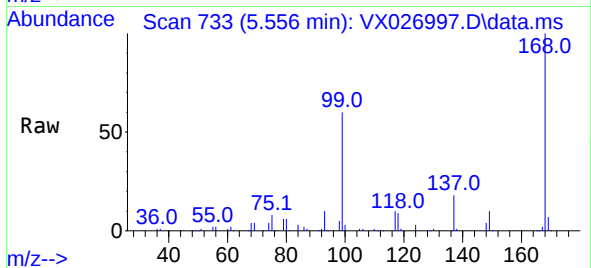




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

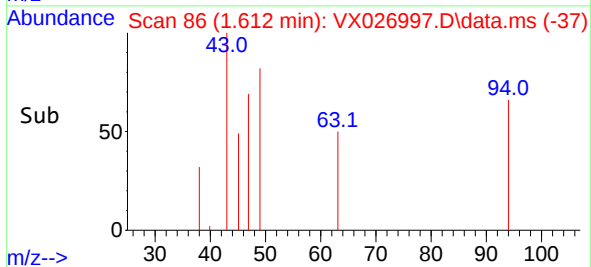
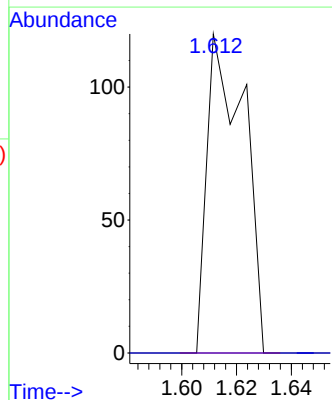
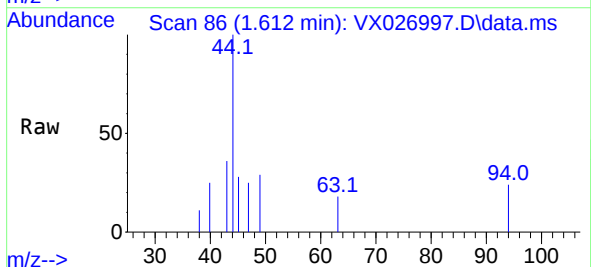
Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

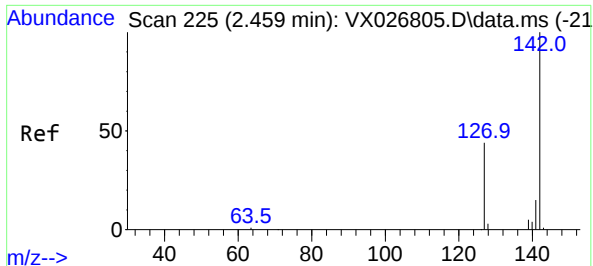
Tgt Ion:168 Resp: 123648
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

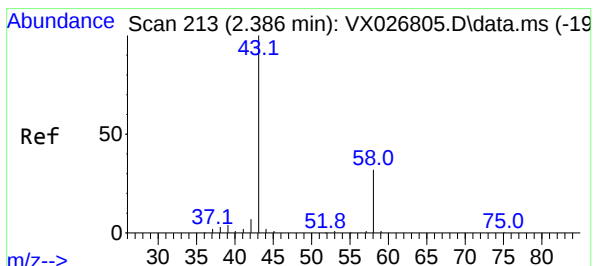
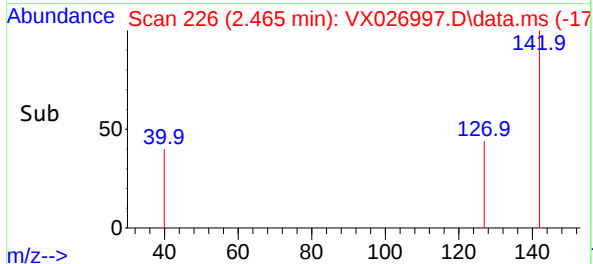
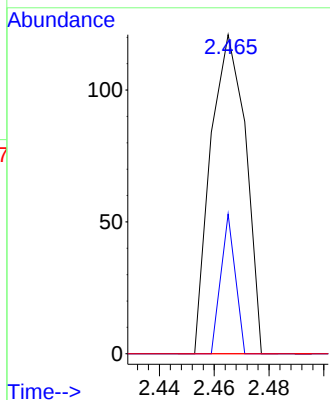
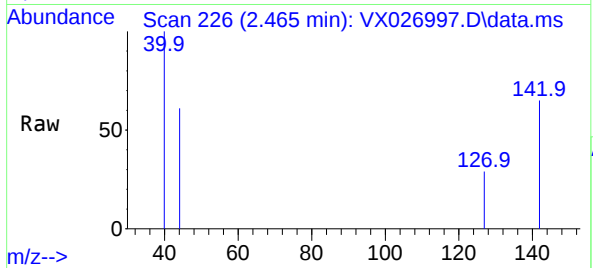




#10
Methyl Iodide
Concen: 2.312 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

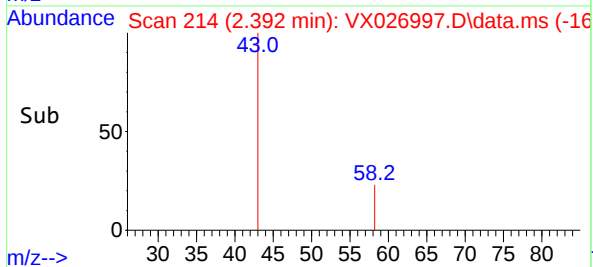
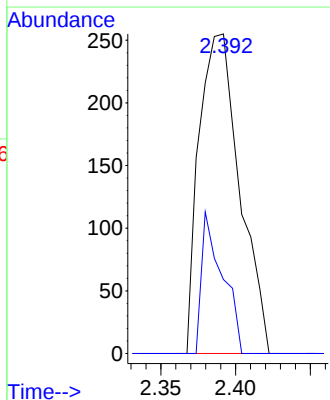
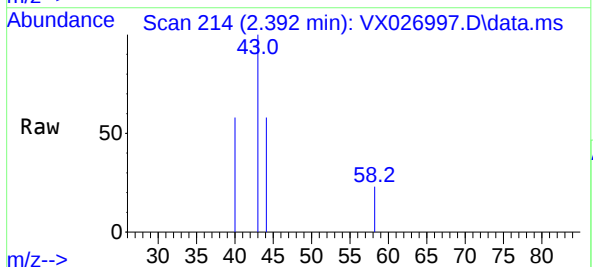
Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

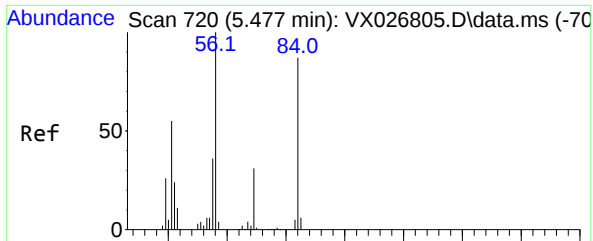
Tgt Ion:142 Resp: 107
Ion Ratio Lower Upper
142 100
127 17.8 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.739 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

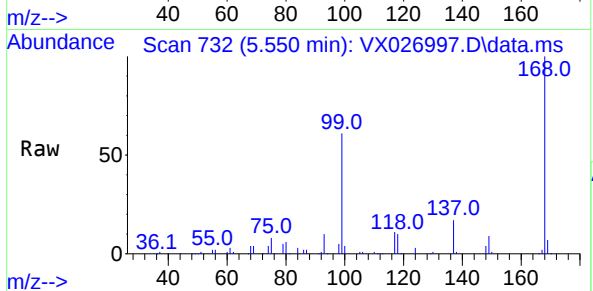
Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 23.1 23.0 34.6



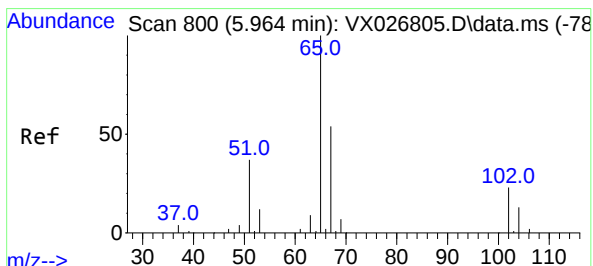
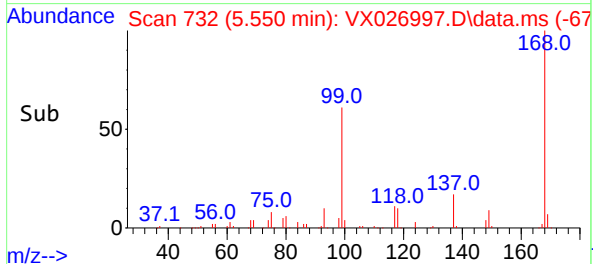
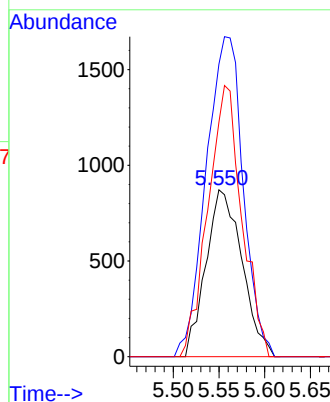


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

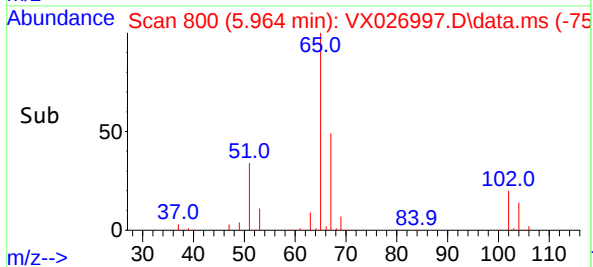
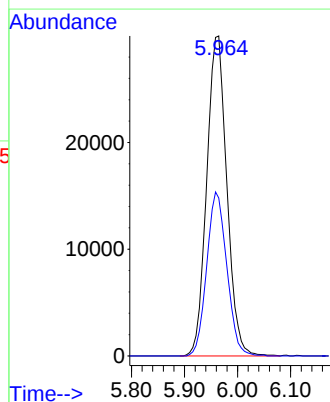
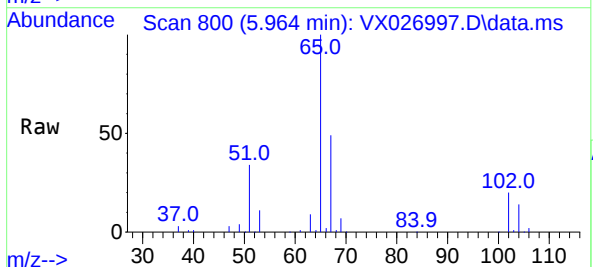


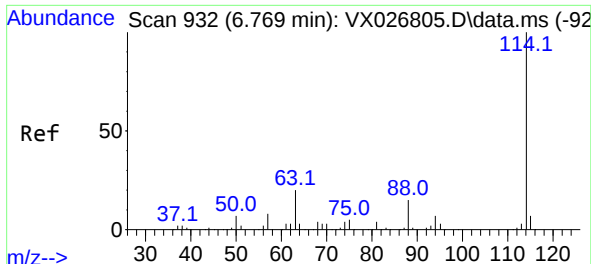
Tgt Ion: 56 Resp: 2394
Ion Ratio Lower Upper
56 100
69 175.2 25.8 38.6#
84 140.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.326 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 65 Resp: 79150
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

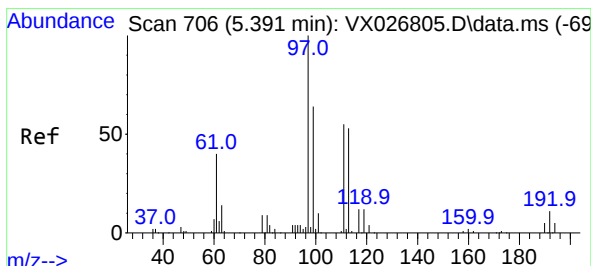
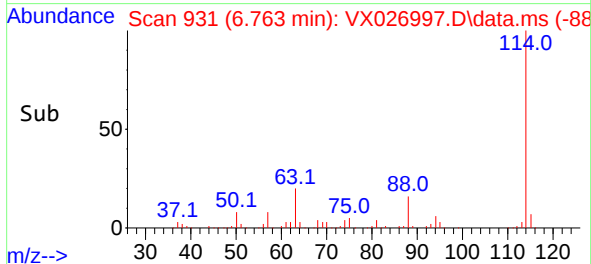
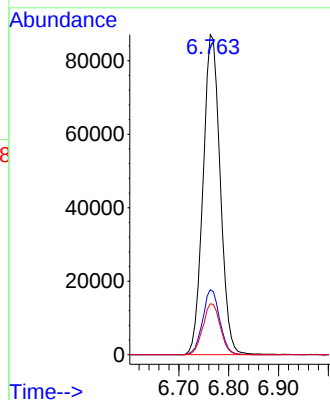
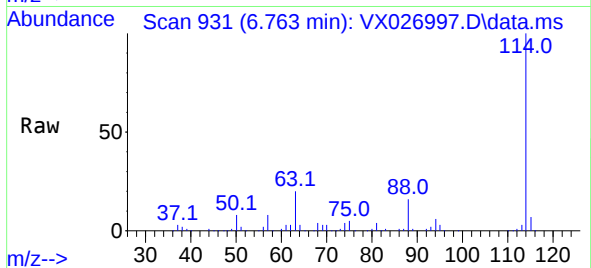




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

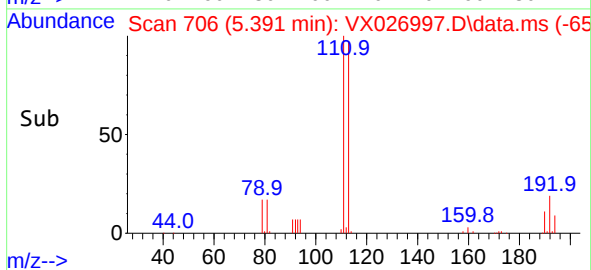
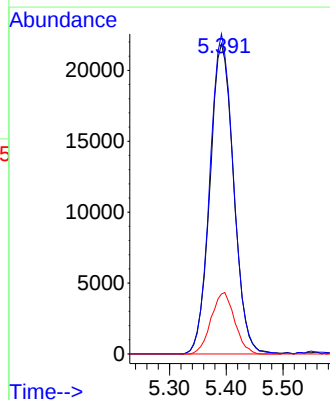
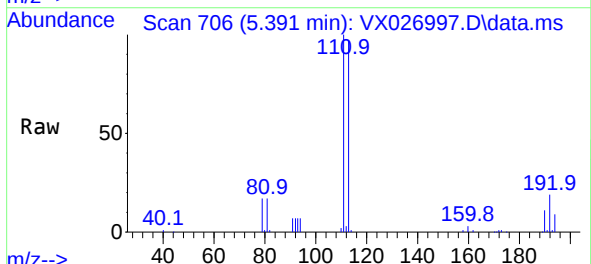
Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

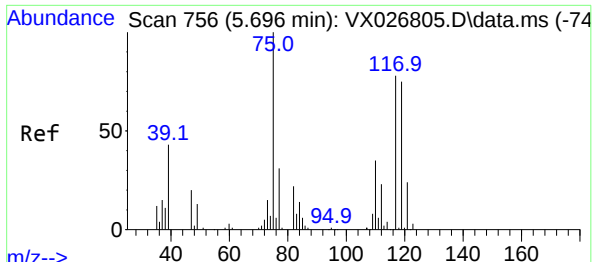
Tgt Ion:114 Resp: 208185
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.243 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion:113 Resp: 63558
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.6 15.0 22.4

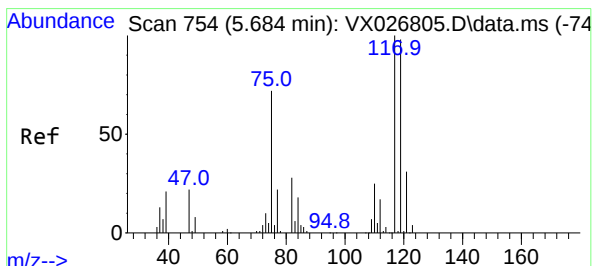
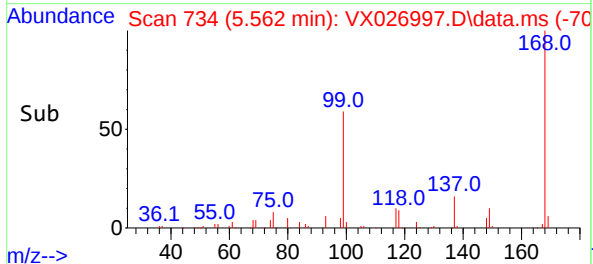
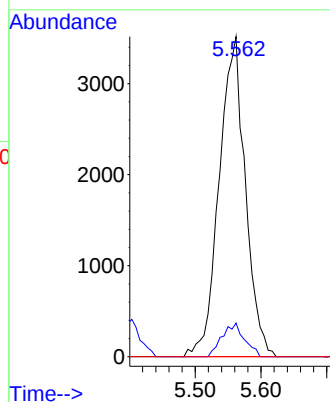
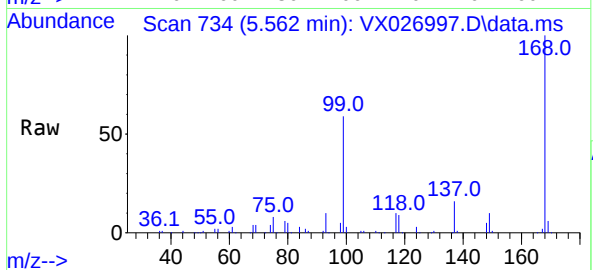




#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

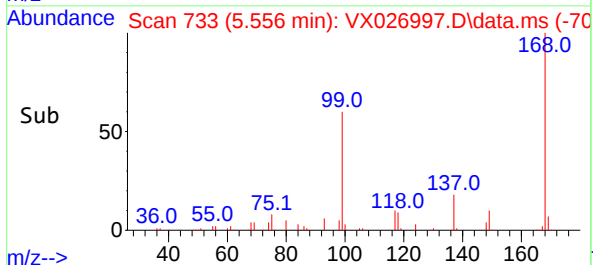
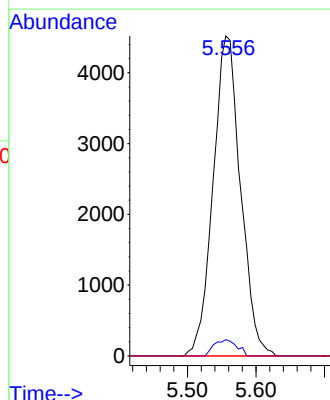
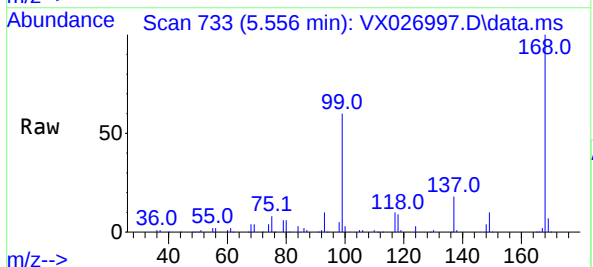
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ClientSampleId :
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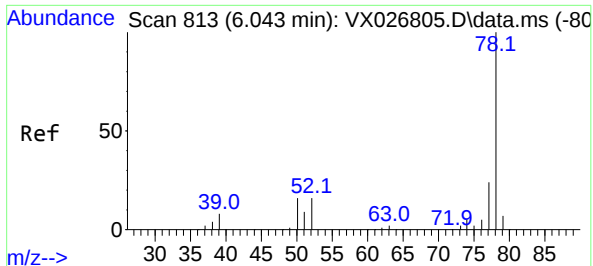
Tgt Ion: 75 Resp: 9740
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 117 Resp: 12550
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#

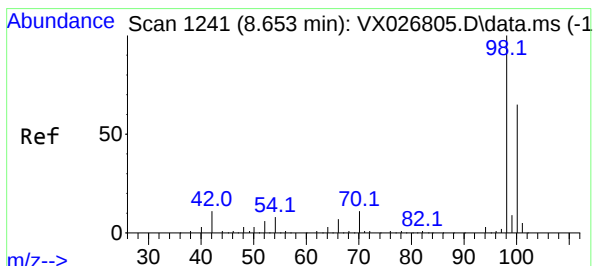
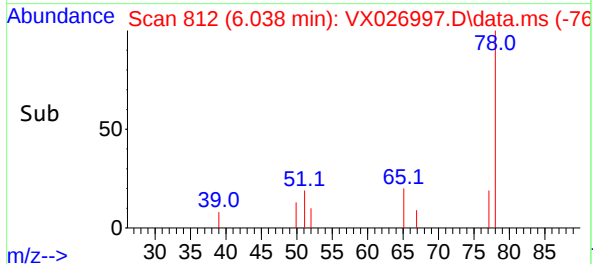
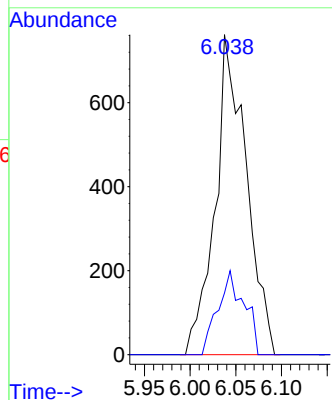
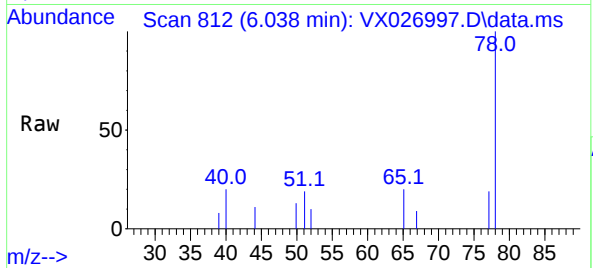




#40
Benzene
Concen: 0.317 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

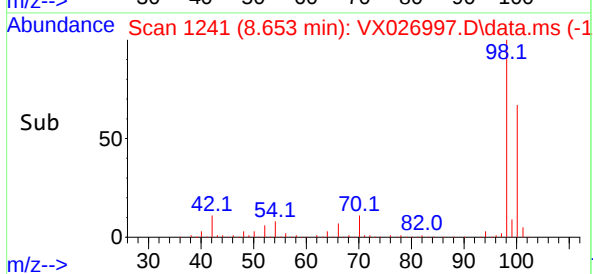
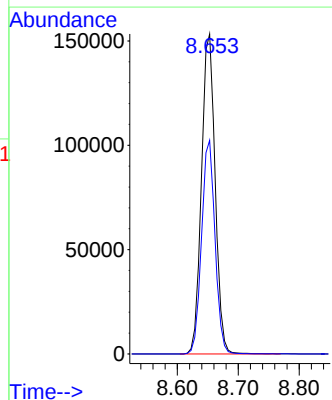
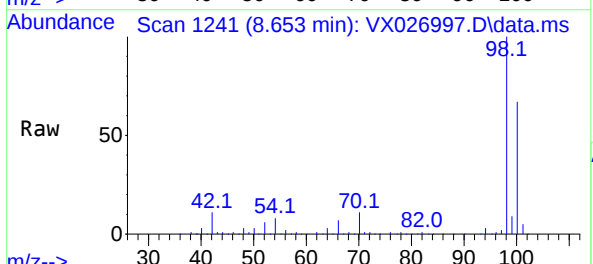
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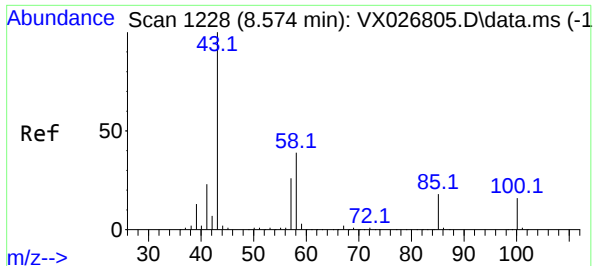
Tgt Ion: 78 Resp: 1805
Ion Ratio Lower Upper
78 100
77 19.3 18.9 28.3



#50
Toluene-d8
Concen: 52.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 98 Resp: 239083
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

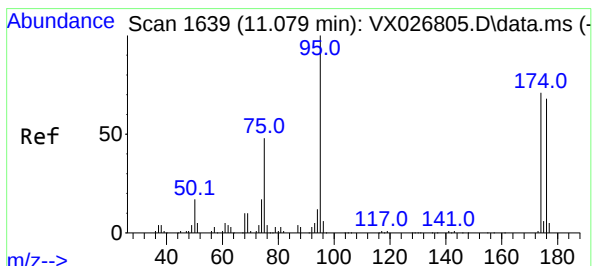
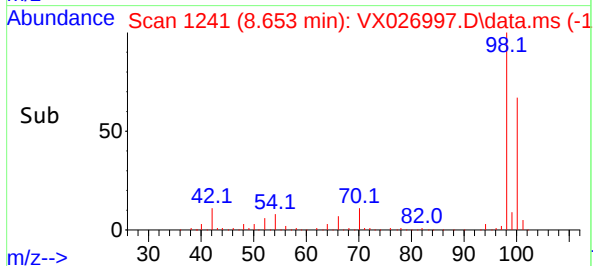
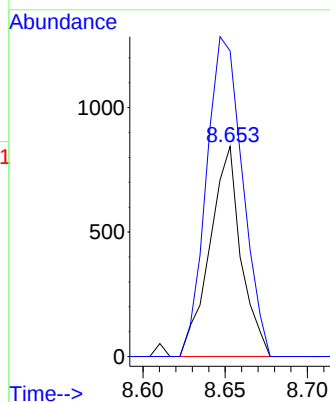
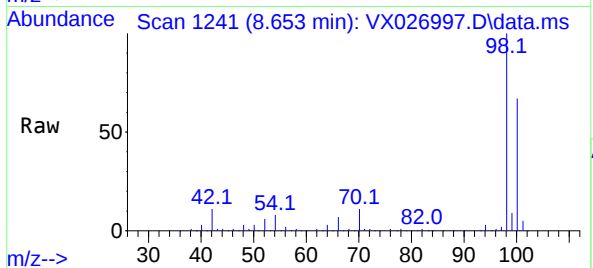




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1114
Delta R.T. 0.079 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

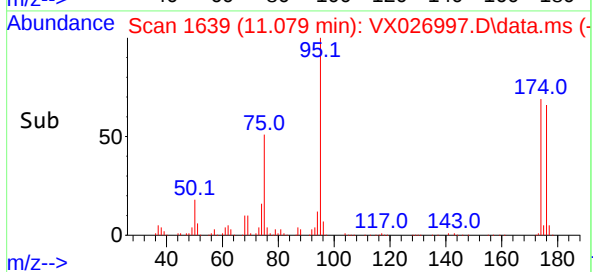
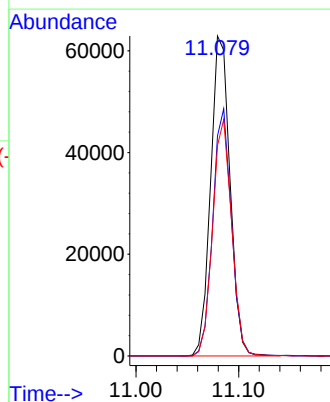
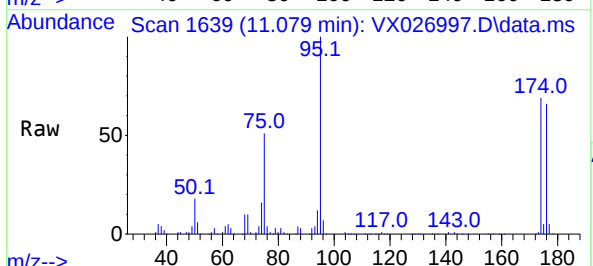
Instrument :
MSVOA_X
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A5-2-6.5ME

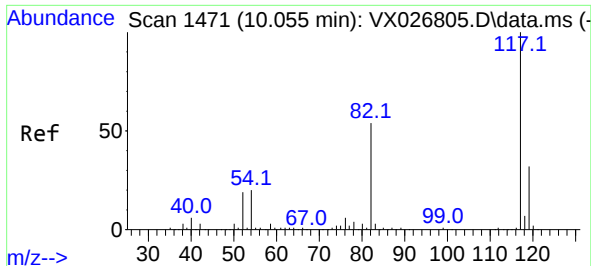
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 176.3 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 51.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 95 Resp: 82485
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.6
176 72.5 0.0 141.4

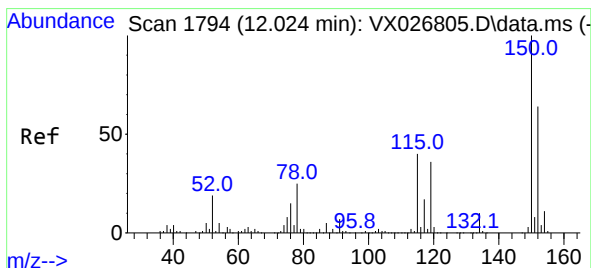
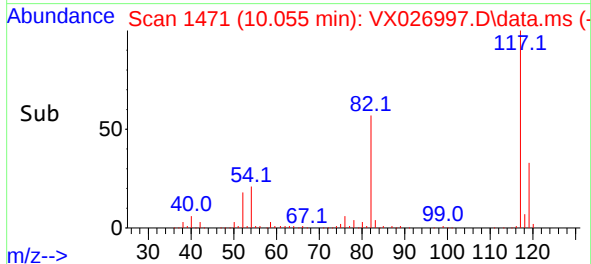
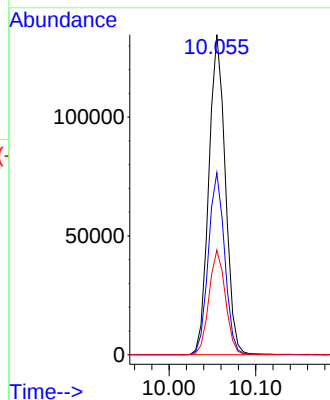
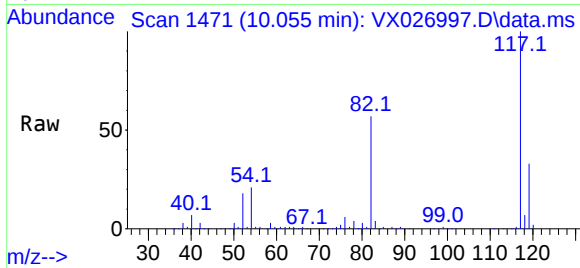




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

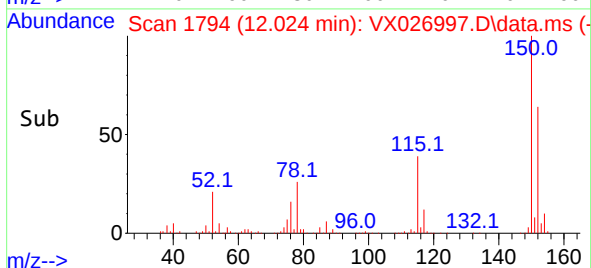
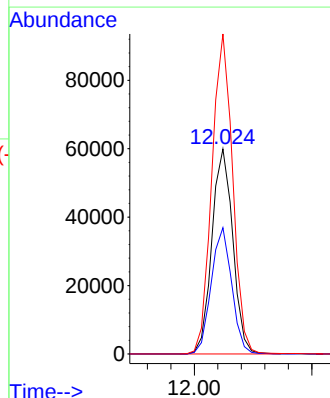
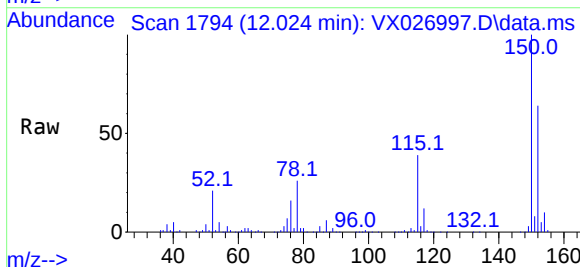
Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

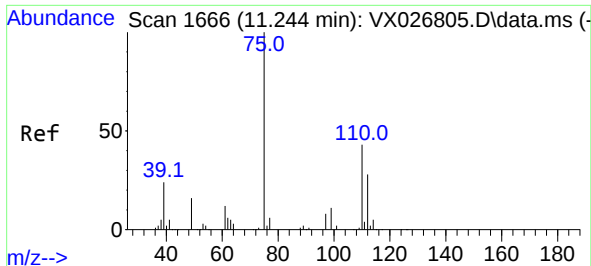
Tgt Ion:117 Resp: 178327
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion:152 Resp: 74064
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 155.3 0.0 348.2

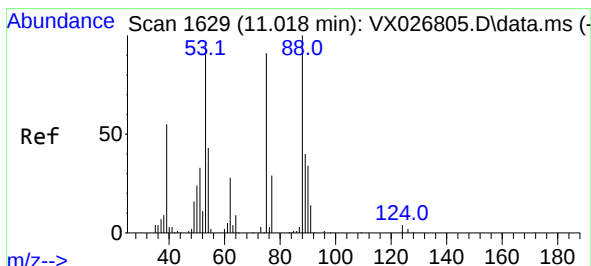
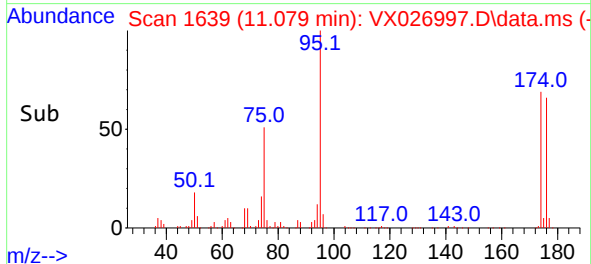
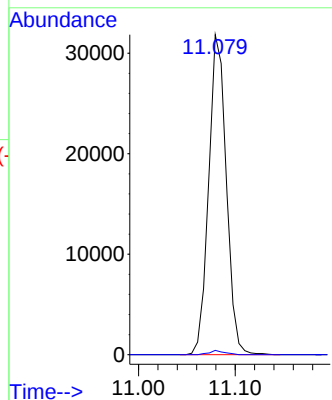
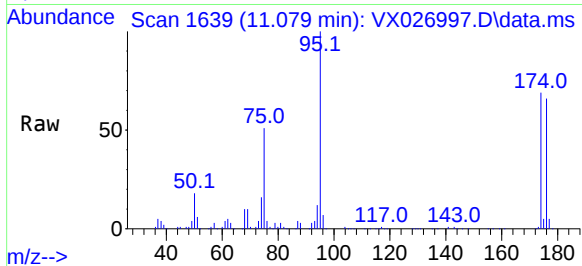




#76
1,2,3-Trichloropropane
Concen: 24.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Instrument :
MSVOA_X
ClientSampleId :
A5-2-6.5ME

Tgt Ion: 75 Resp: 40439
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026997.D
Acq: 12 Feb 2022 03:16

Tgt Ion: 75 Resp: 40439
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

