

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032426.D
 Acq On : 27 Oct 2022 14:20
 Operator : JC/MD
 Sample : N5290-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 257248-8

Quant Time: Oct 28 07:12:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

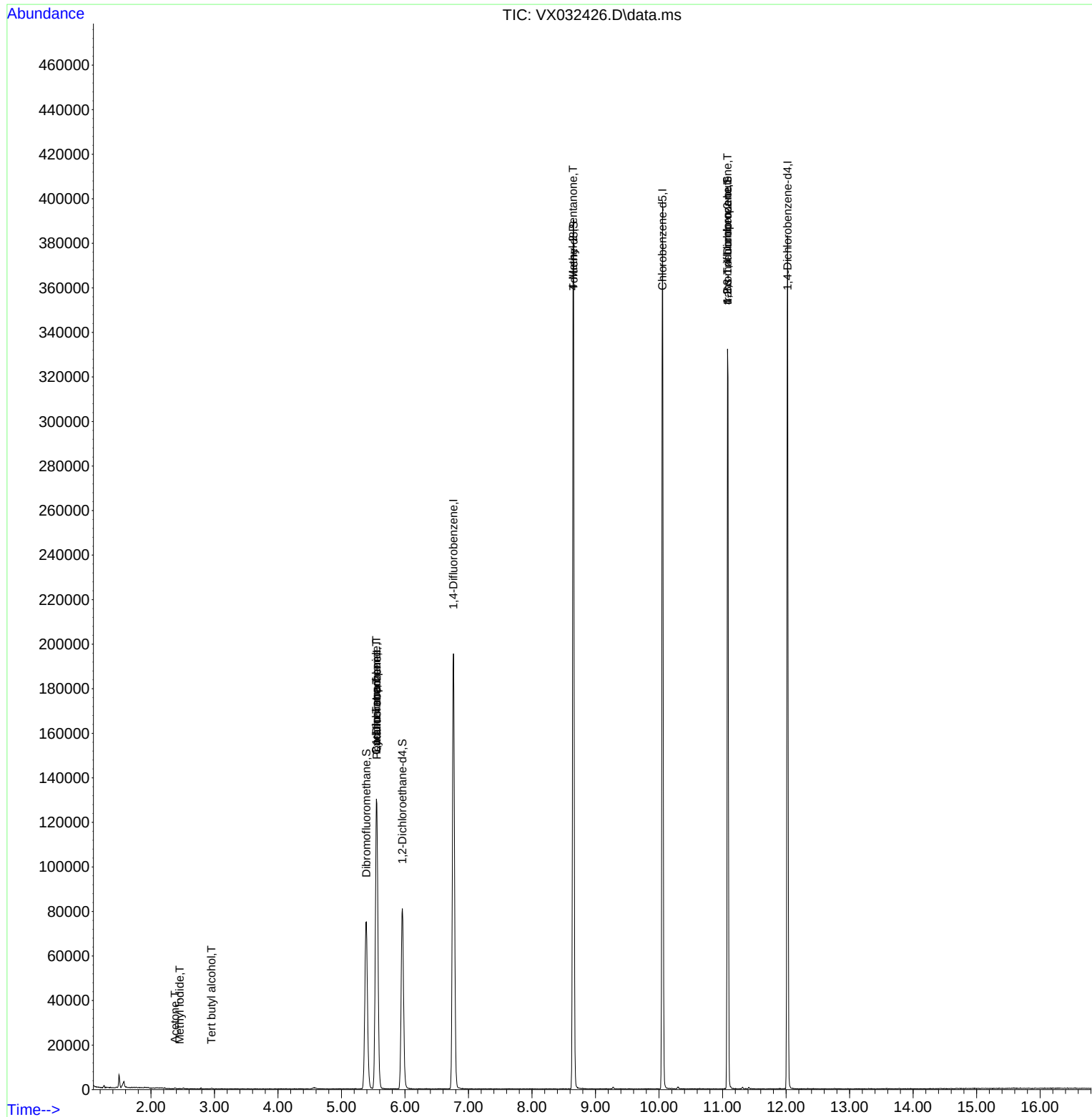
Internal Standards						
1) Pentafluorobenzene	5.556	168	123718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80749	46.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	65162	45.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.653	98	233857	47.460	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.079	95	85217	44.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	31	1.936	ug/l #	37
11) Tert butyl alcohol	2.953	59	409	1.635	ug/l #	72
16) Acetone	2.380	43	552	0.883	ug/l #	83
31) Cyclohexane	5.550	56	2676	1.284	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9628	4.879	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12823	5.859	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1060	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46430	26.988	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46430	85.876	ug/l #	6

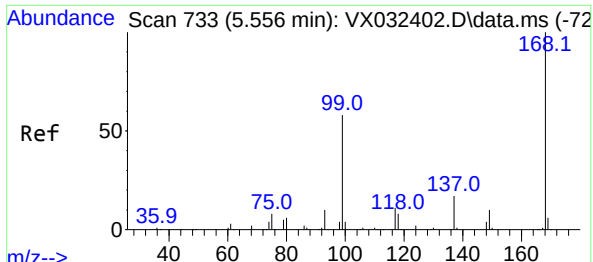
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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257248-8

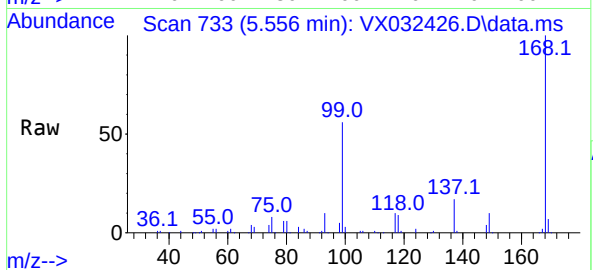
Quant Time: Oct 28 07:12:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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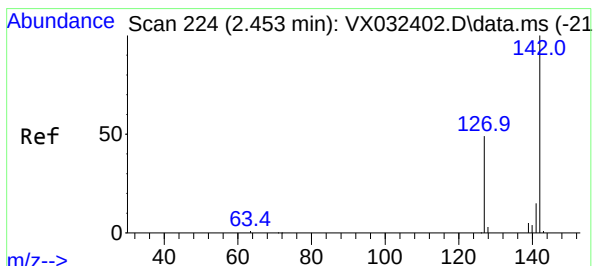
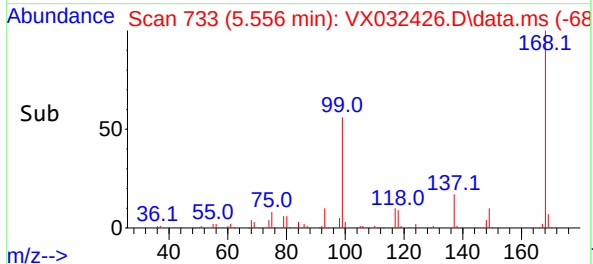
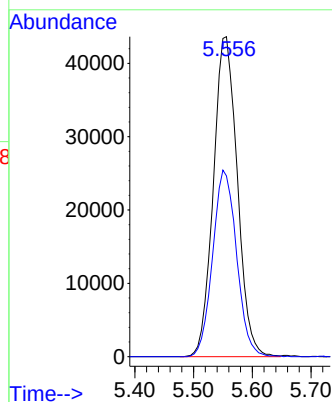


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
257248-8

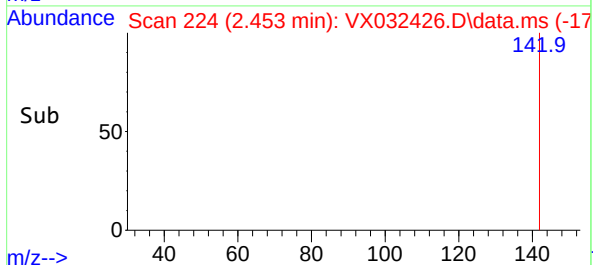
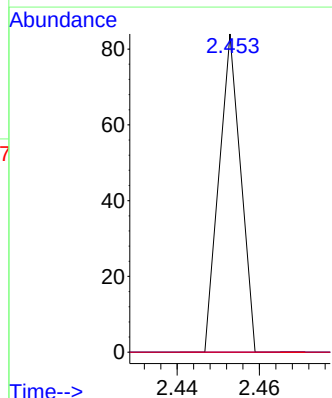
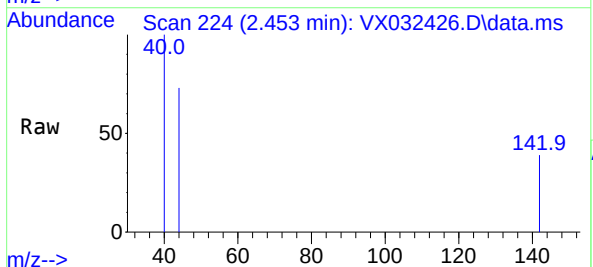


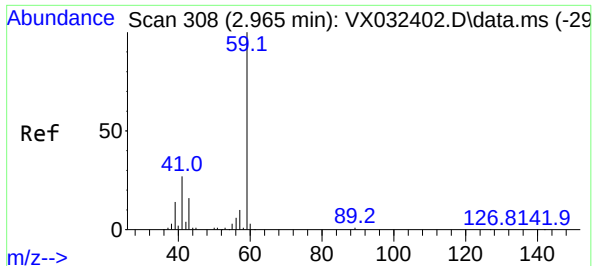
Tgt Ion:168 Resp: 123718
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#10
Methyl Iodide
Concen: 1.936 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#

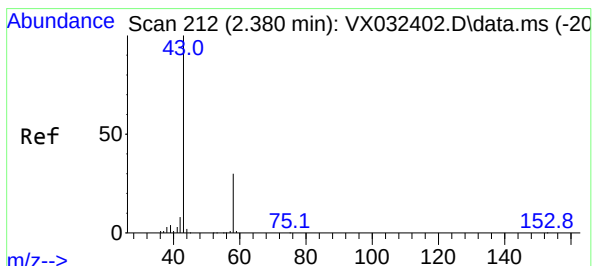
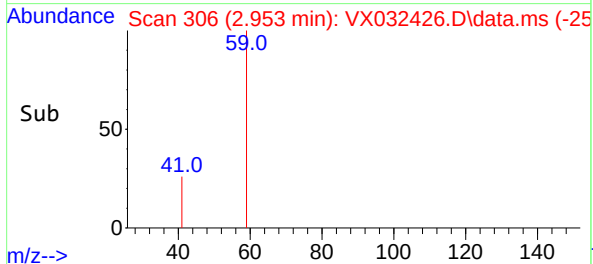
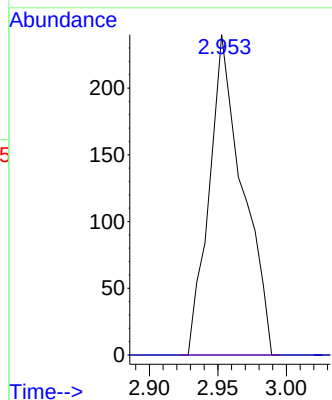
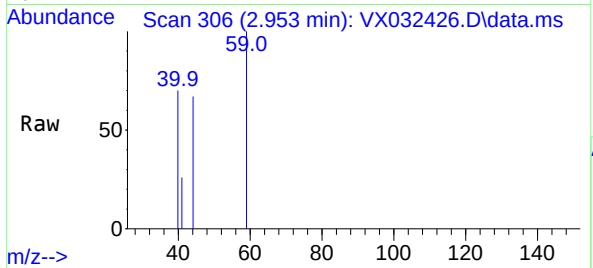




#11
Tert butyl alcohol
Concen: 1.635 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

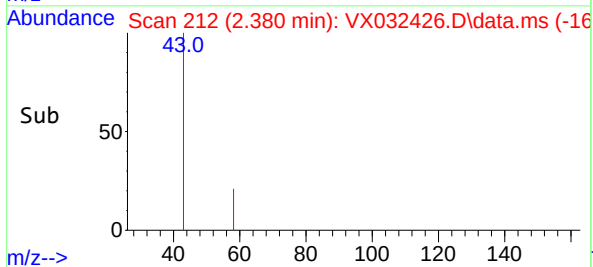
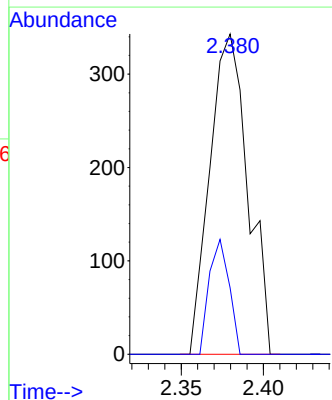
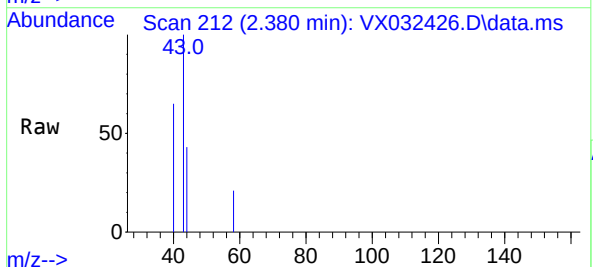
Instrument :
MSVOA_X
ClientSampleId :
257248-8

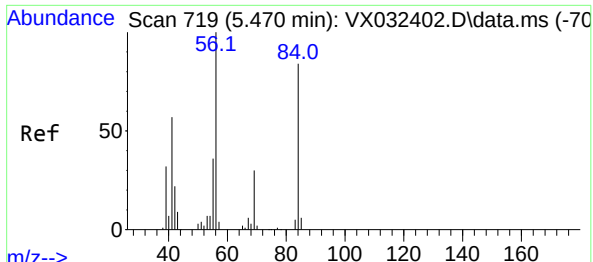
Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.883 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

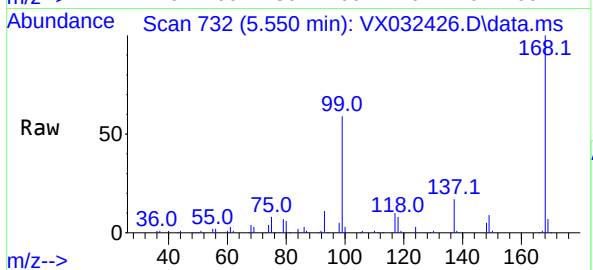
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 20.7 23.8 35.8#



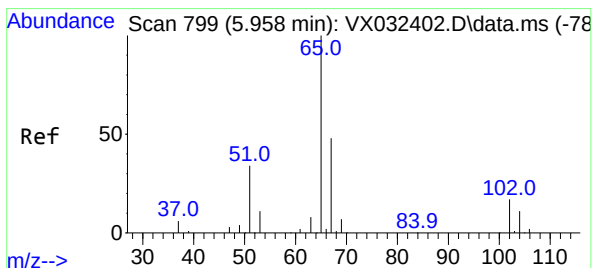
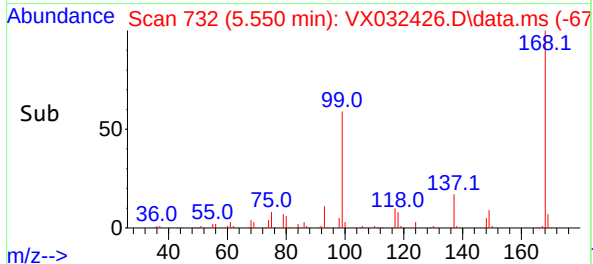
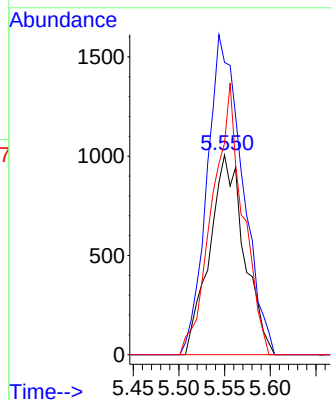


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
257248-8

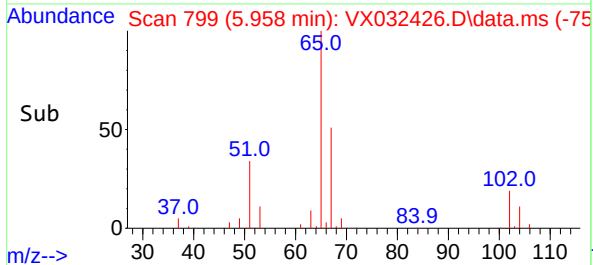
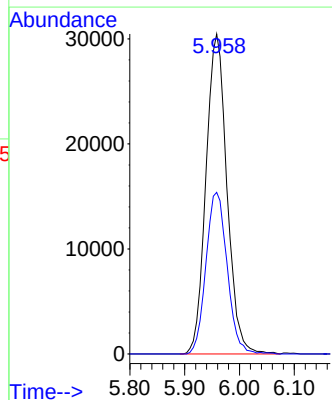
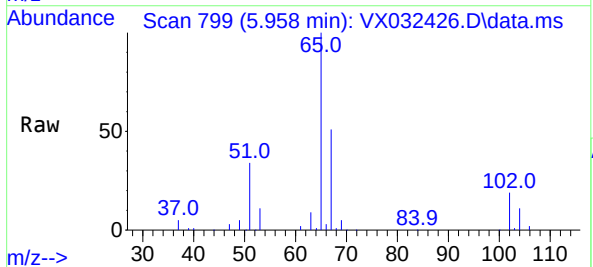


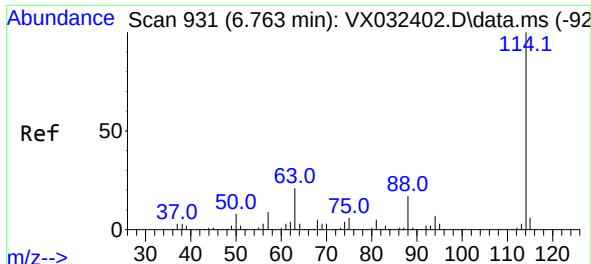
Tgt Ion: 56 Resp: 2676
Ion Ratio Lower Upper
56 100
69 146.4 24.1 36.1#
84 105.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.974 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion: 65 Resp: 80749
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

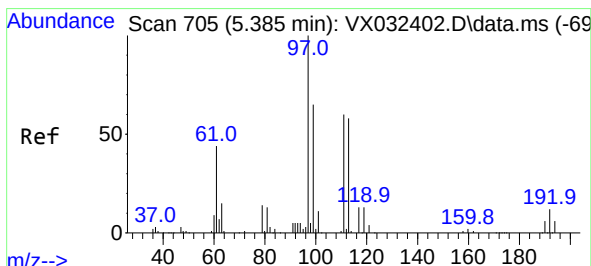
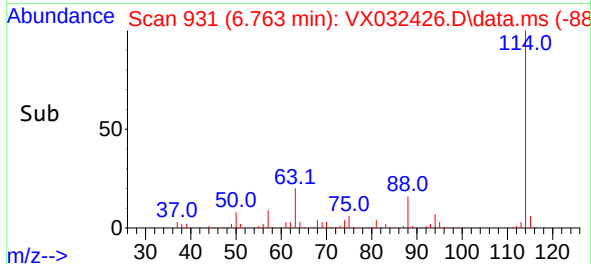
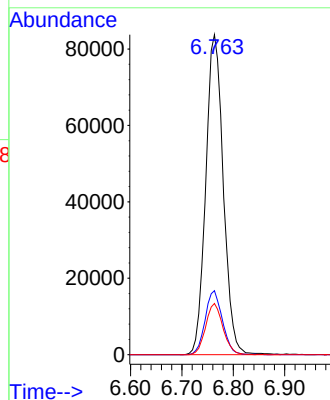
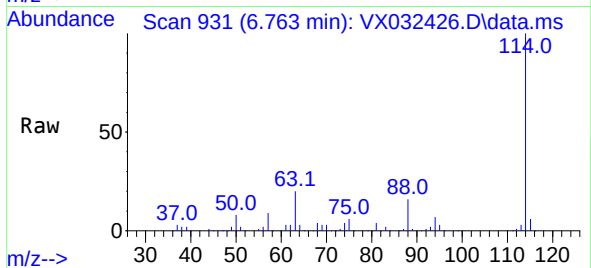




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

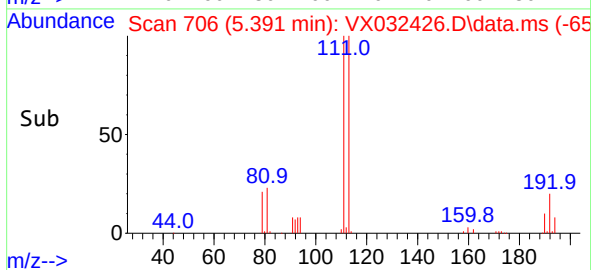
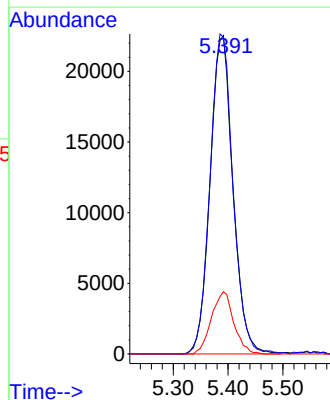
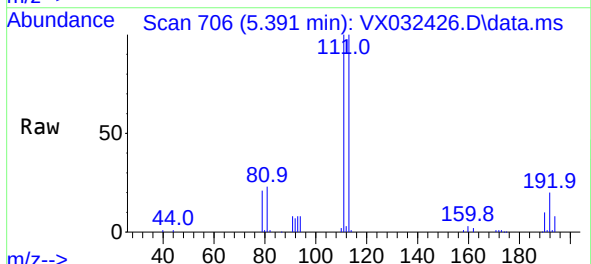
Instrument :
MSVOA_X
ClientSampleId :
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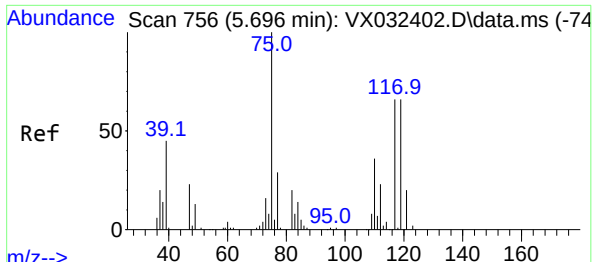
Tgt Ion:114 Resp: 198659
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.984 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion:113 Resp: 65162
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.1 15.4 23.2

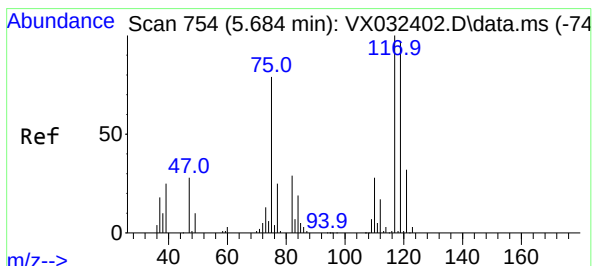
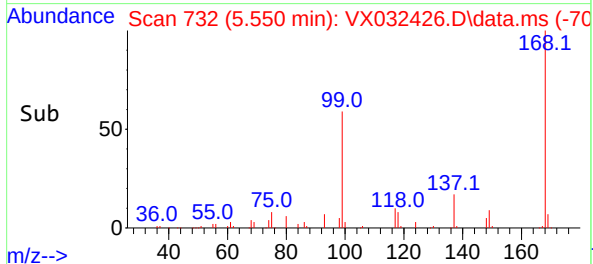
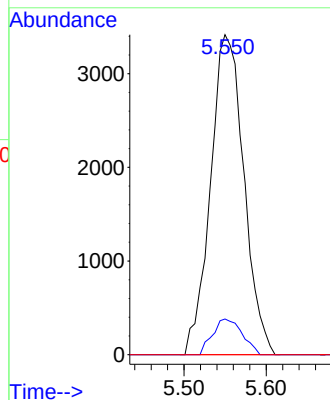
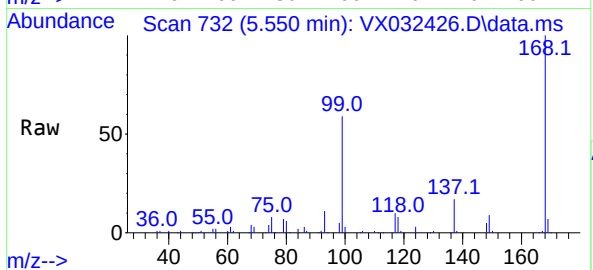




#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

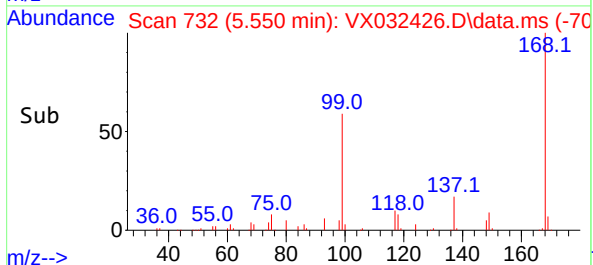
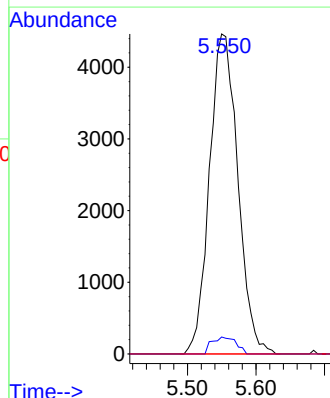
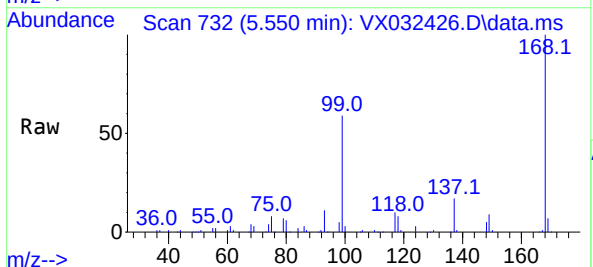
Instrument :
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ClientSampleId :
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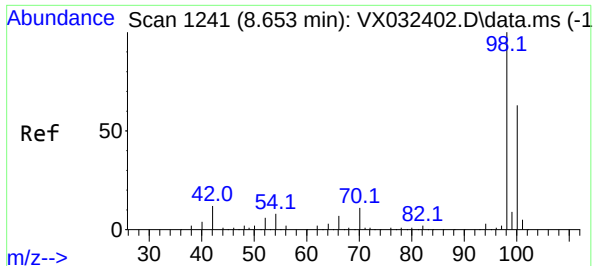
Tgt Ion: 75 Resp: 9628
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion: 117 Resp: 12823
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#

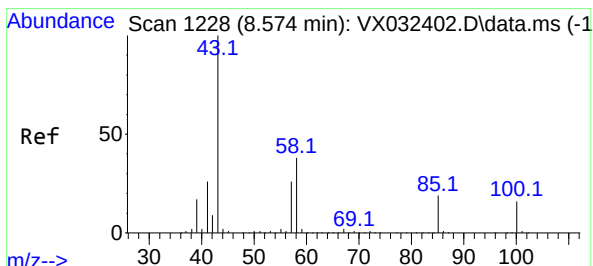
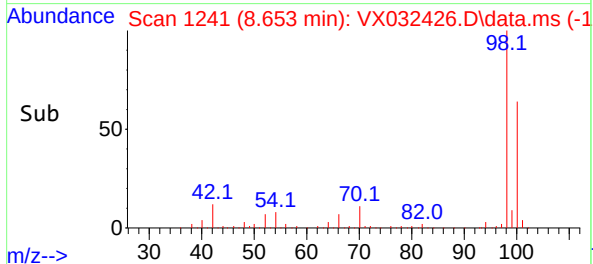
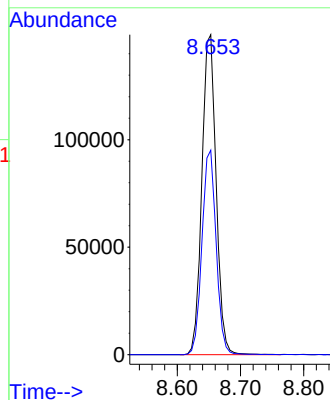
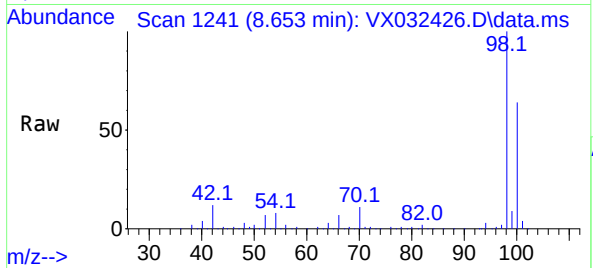




#50
Toluene-d8
Concen: 47.460 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

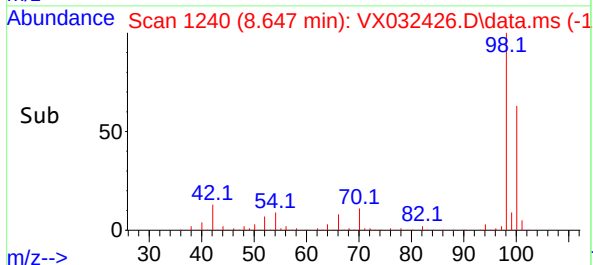
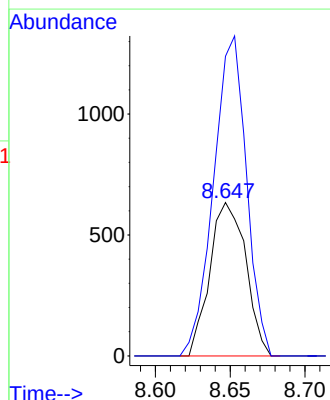
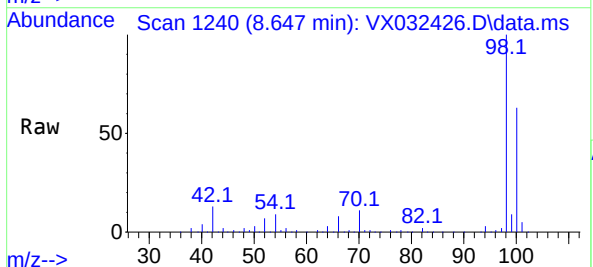
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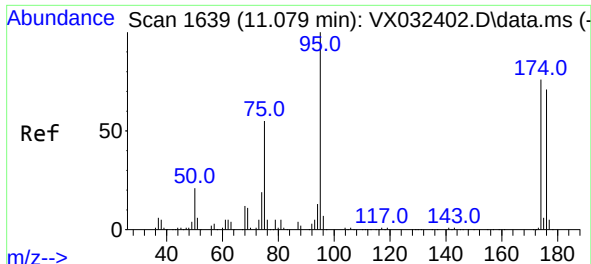
Tgt Ion: 98 Resp: 233857
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 191.0 30.9 46.3#

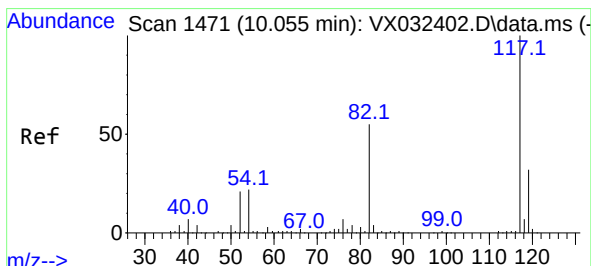
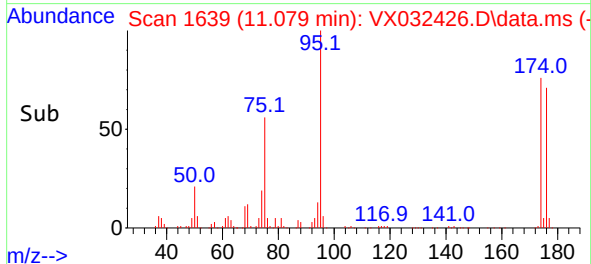
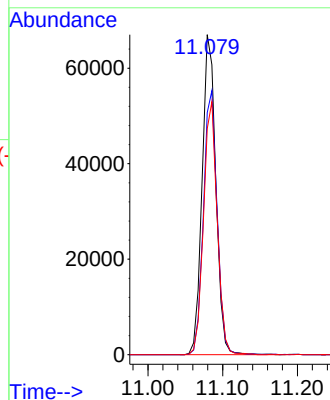
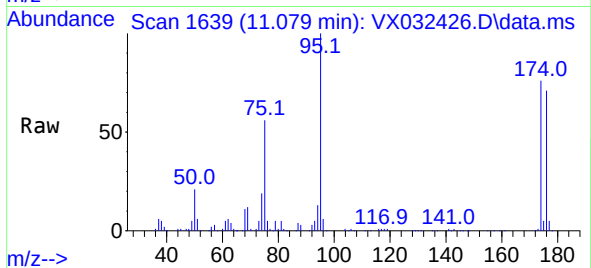




#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

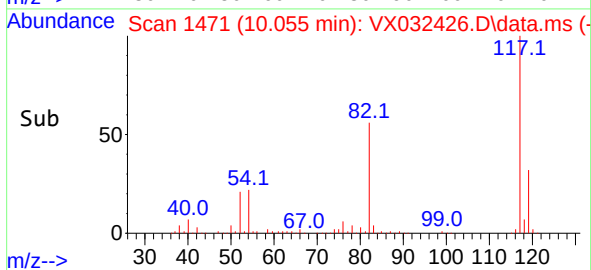
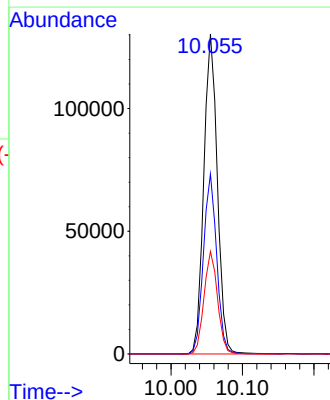
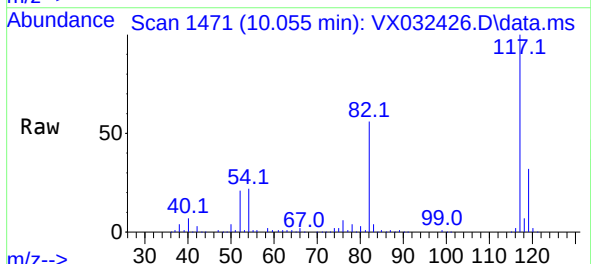
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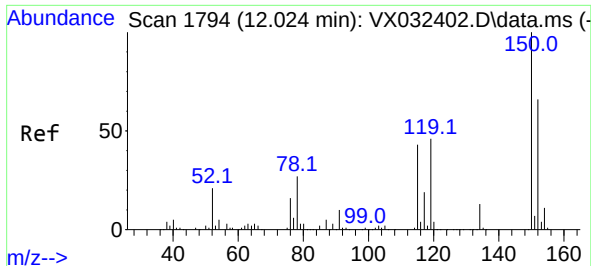
Tgt Ion: 95 Resp: 85217
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

Tgt Ion: 117 Resp: 171923
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.1 25.7 38.5

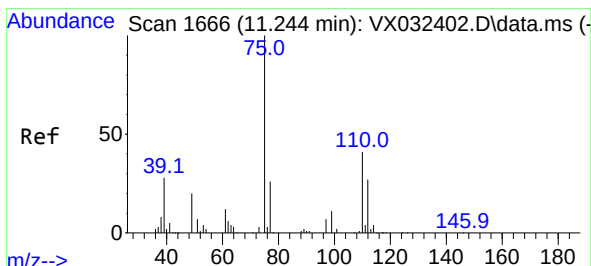
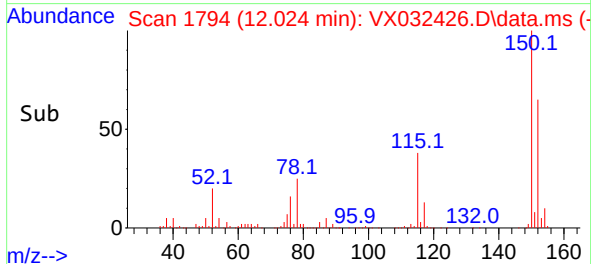
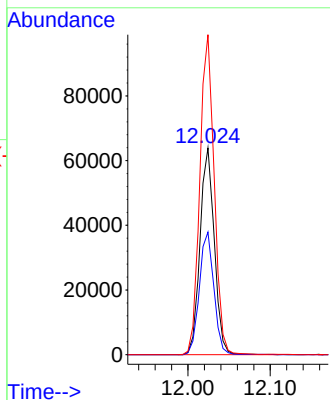
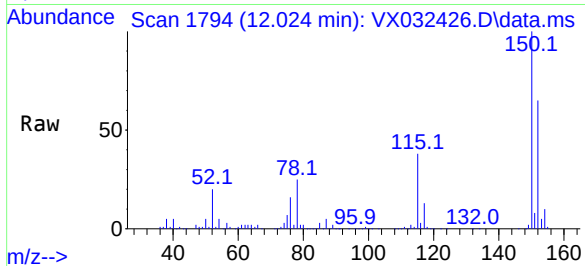




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

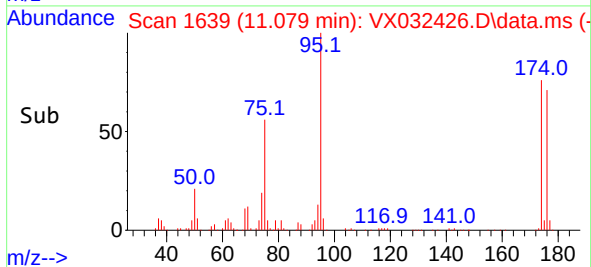
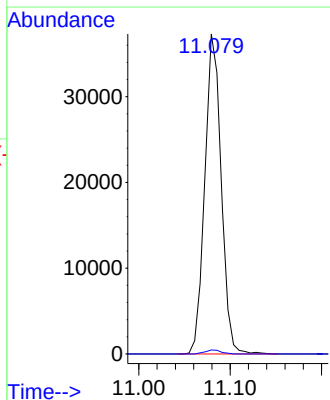
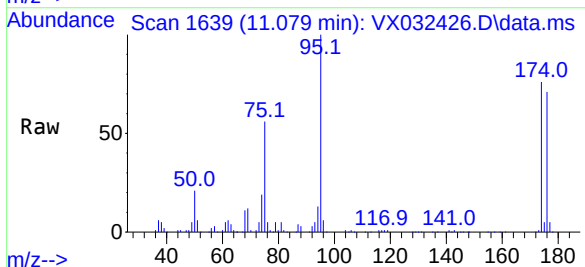
Instrument :
MSVOA_X
ClientSampleId :
257248-8

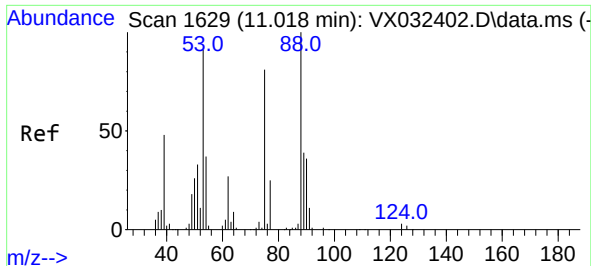
Tgt Ion:152 Resp: 77330
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 155.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032426.D
Acq: 27 Oct 2022 14:20

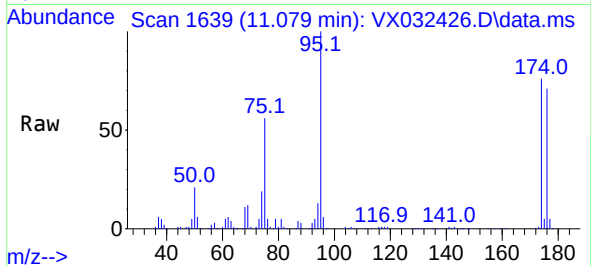
Tgt Ion: 75 Resp: 46430
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.876 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032426.D
 Acq: 27 Oct 2022 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 257248-8



Tgt Ion: 75 Resp: 46430
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

