

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034739.D
 Acq On : 27 Mar 2023 10:17
 Operator : JC/MD
 Sample : VX0327WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL01

Quant Time: Mar 27 16:06:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	335618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	565188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234955	48.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.385	113	180182	48.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	671451	48.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	259672	46.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%

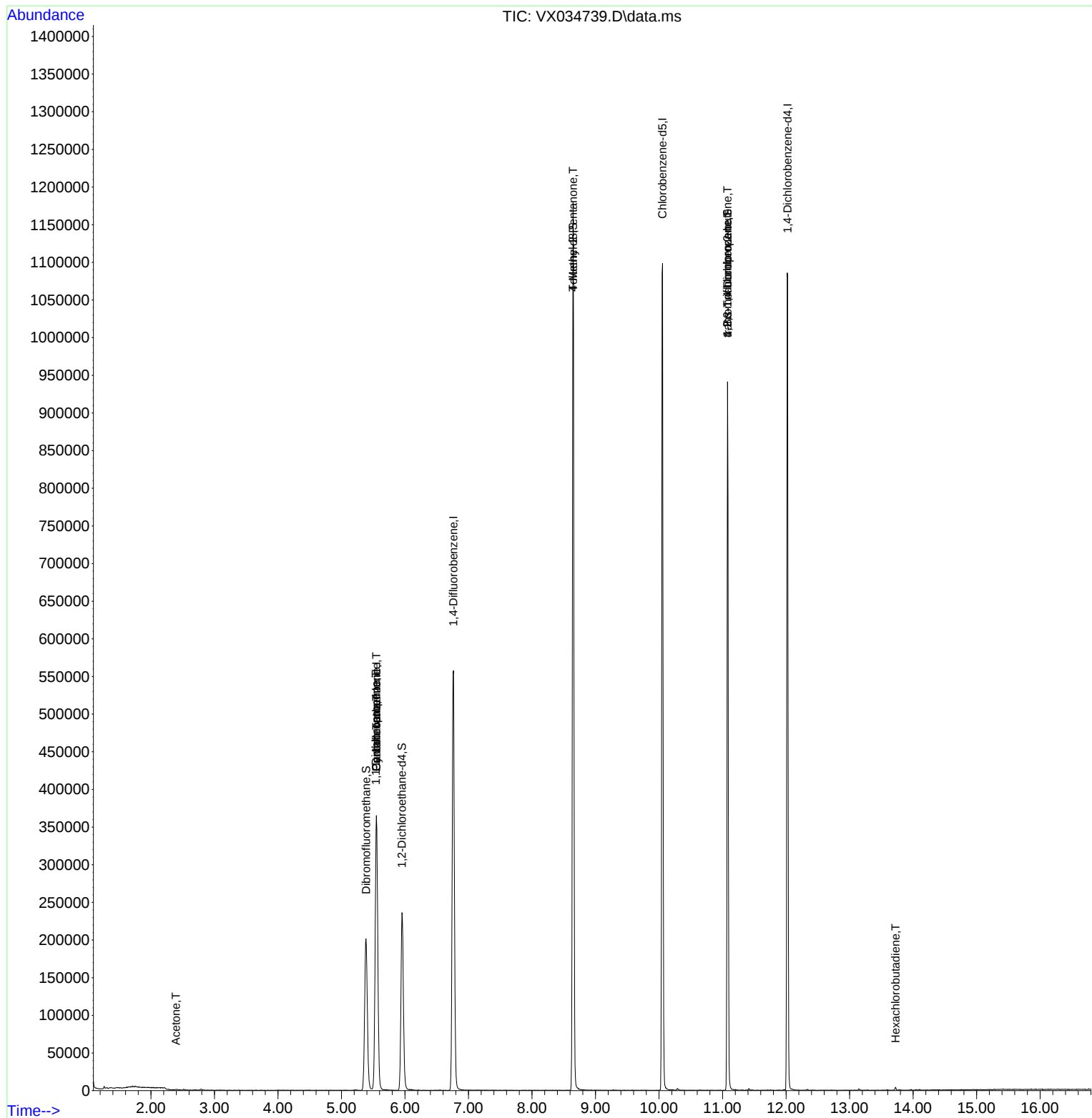
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	414	Below Cal	#	42
16) Acetone	2.392	43	994	0.432	ug/l #	65
31) Cyclohexane	5.550	56	7453	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	28903	5.043	ug/l #	50
38) Carbon Tetrachloride	5.550	117	36246	6.357	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3226	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	134298	25.575	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	134298	69.188	ug/l #	8
94) Hexachlorobutadiene	13.725	225	565	0.279	ug/l	84

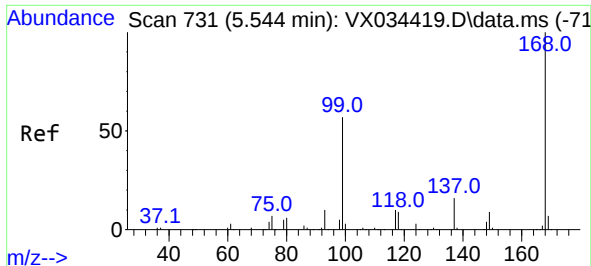
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

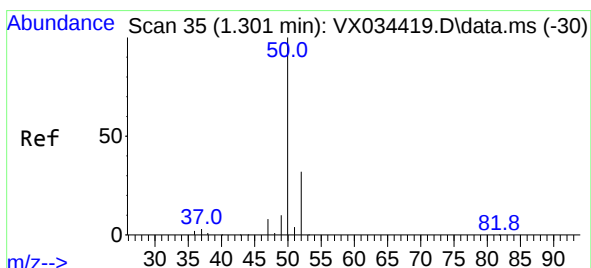
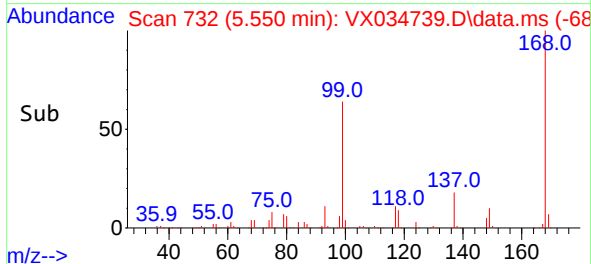
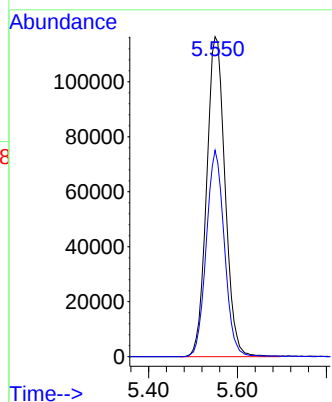
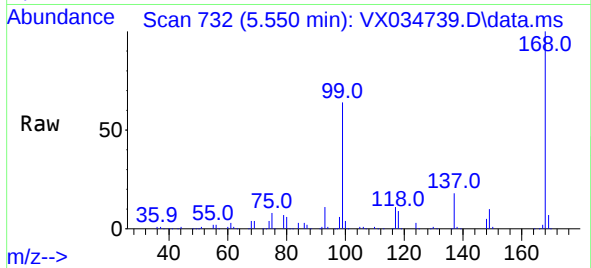




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

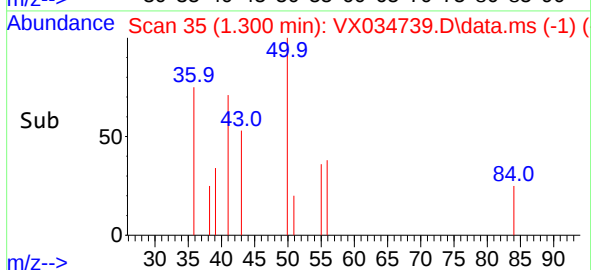
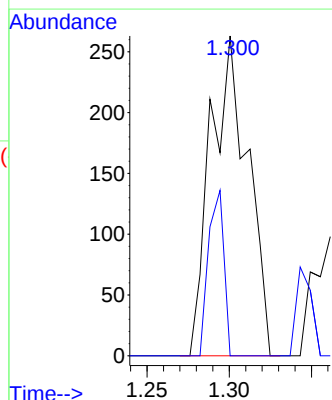
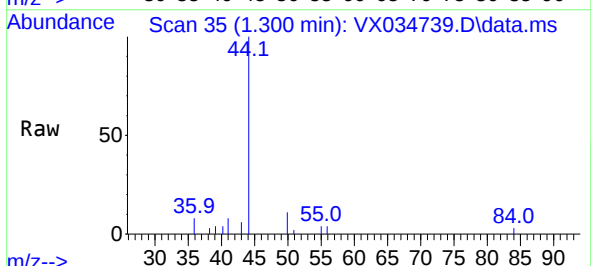
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

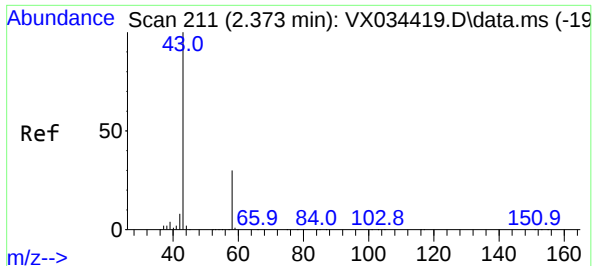
Tgt Ion:168 Resp: 335618
Ion Ratio Lower Upper
168 100
99 64.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

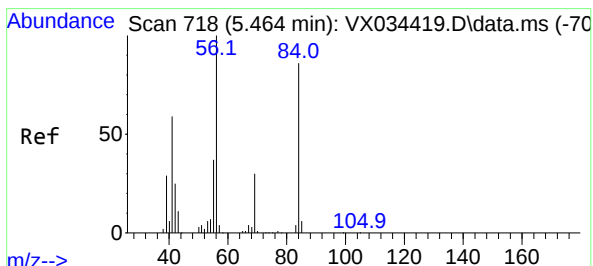
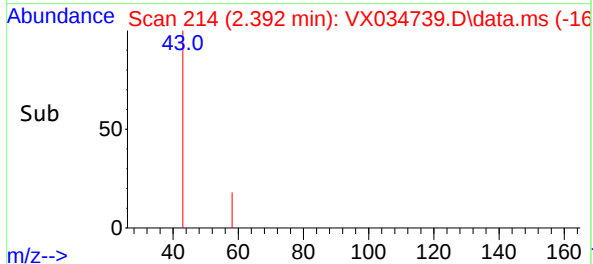
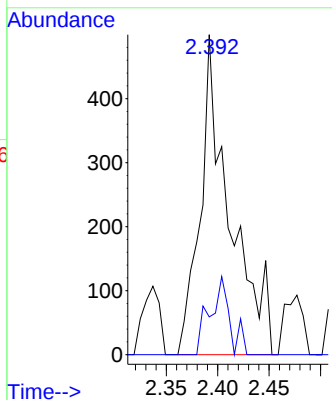
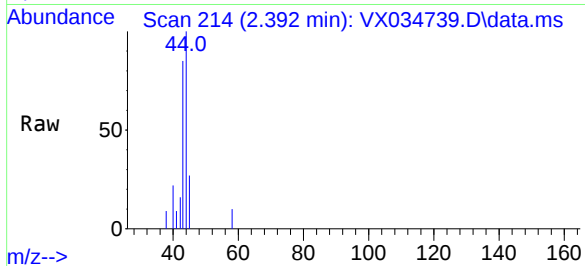




#16
Acetone
Concen: 0.432 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

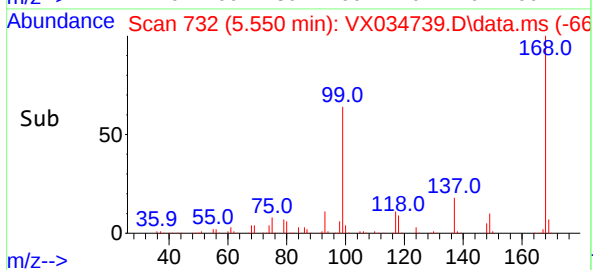
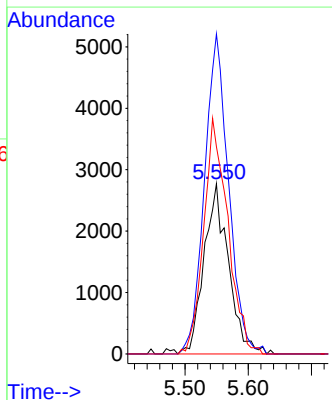
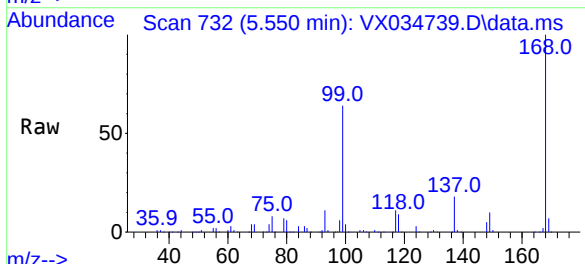
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

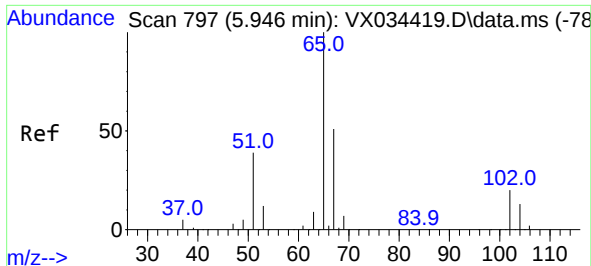
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 11.8 24.7 37.1#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Tgt Ion: 56 Resp: 7453
Ion Ratio Lower Upper
56 100
69 188.0 23.7 35.5#
84 121.7 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.121 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034739.D

Acq: 27 Mar 2023 10:17

Instrument :

MSVOA_X

ClientSampleId :

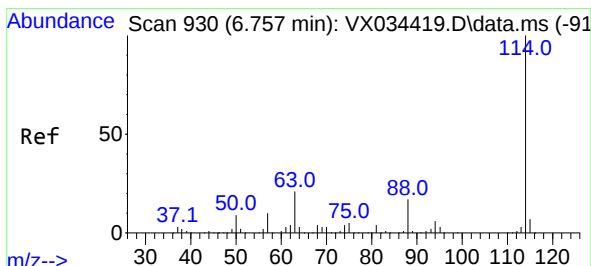
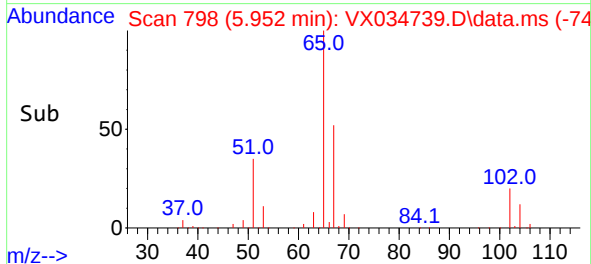
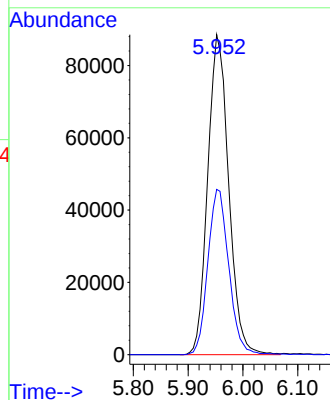
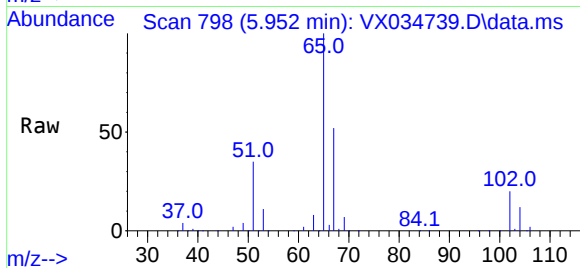
VX0327WBL01

Tgt Ion: 65 Resp: 234955

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034739.D

Acq: 27 Mar 2023 10:17

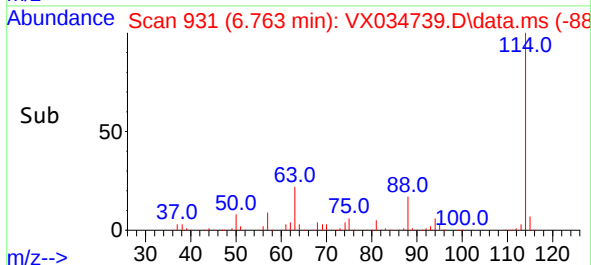
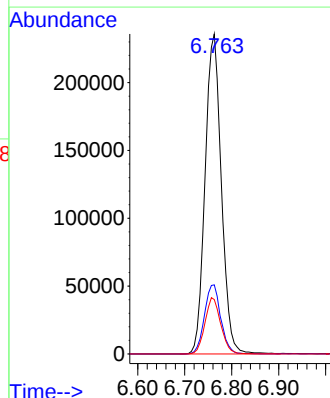
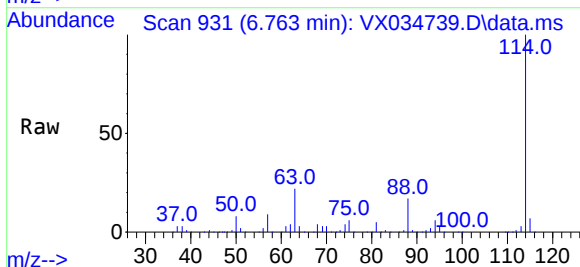
Tgt Ion: 114 Resp: 565188

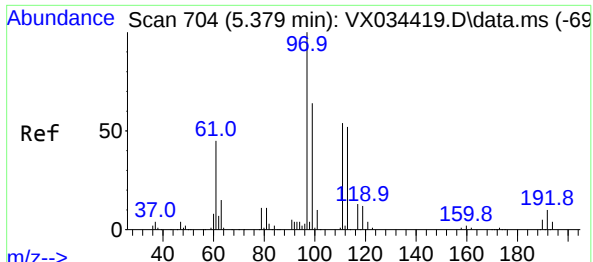
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 17.0 0.0 33.2

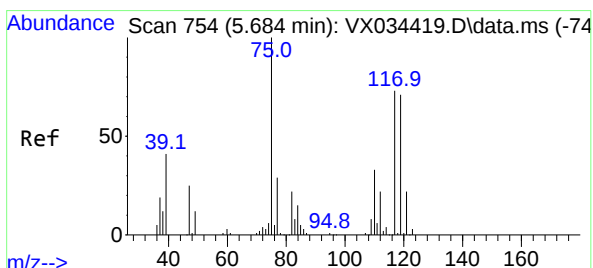
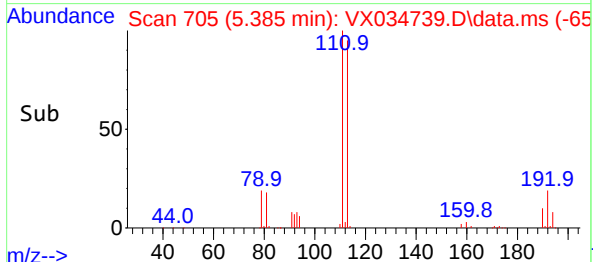
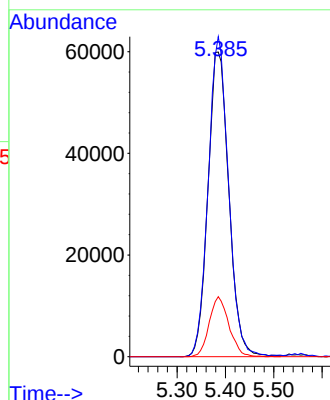
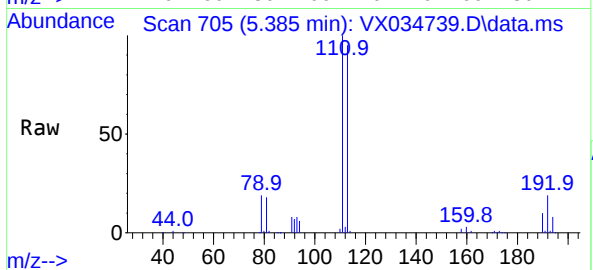




#35
Dibromofluoromethane
Concen: 48.285 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

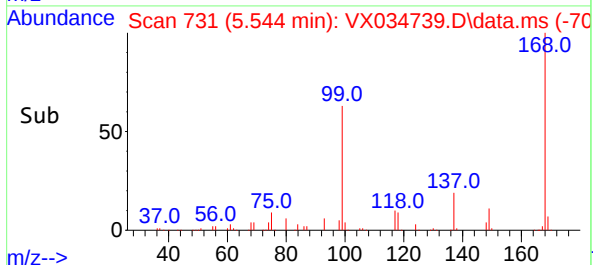
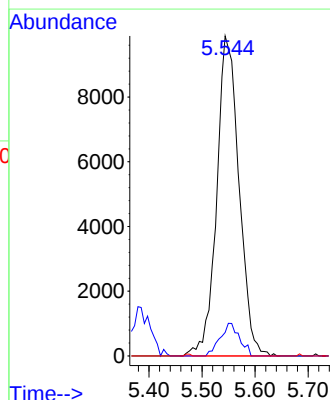
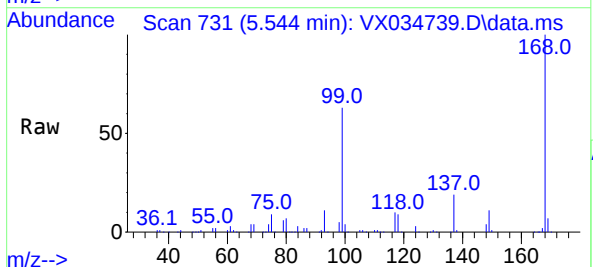
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

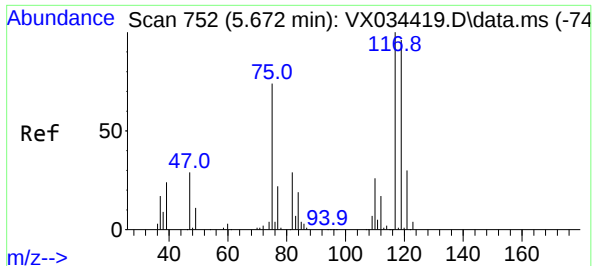
Tgt Ion:113 Resp: 180182
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

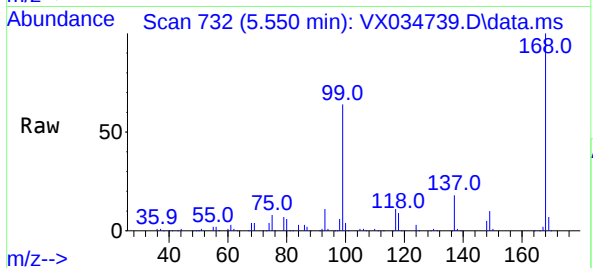
Tgt Ion: 75 Resp: 28903
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



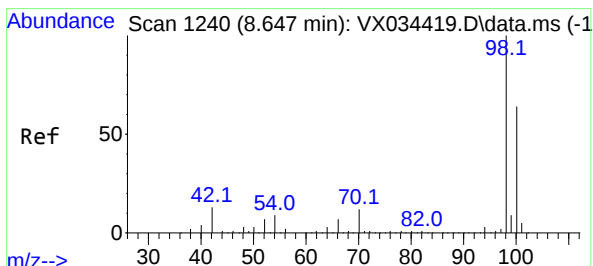
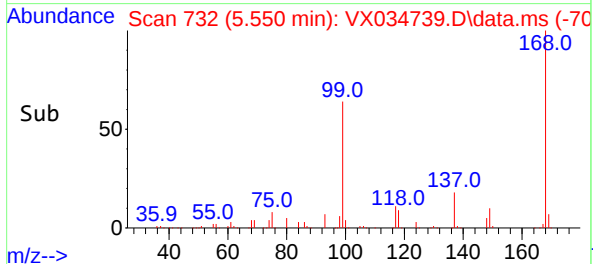
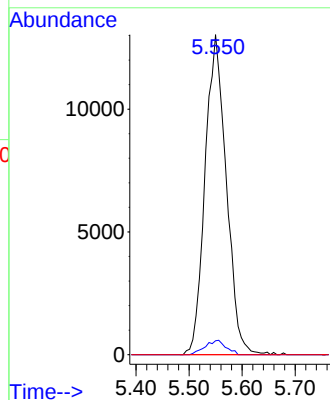


#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

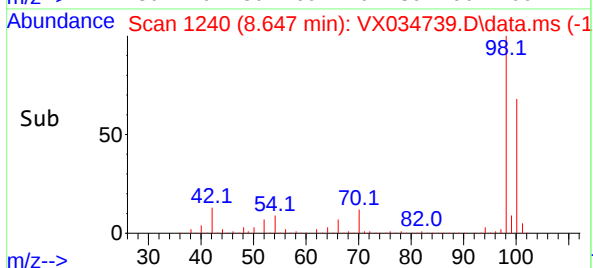
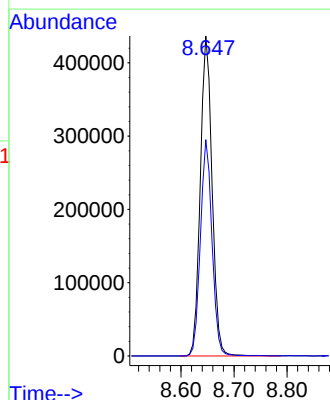
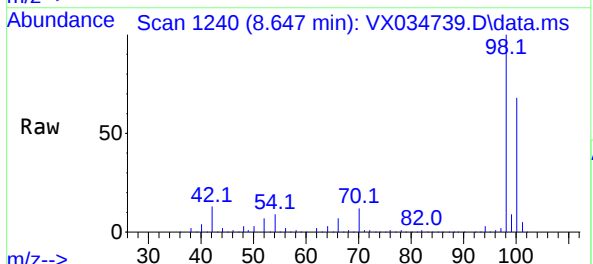


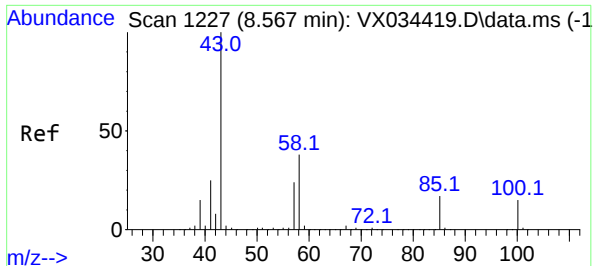
Tgt Ion:117 Resp: 36246
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.200 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Tgt Ion: 98 Resp: 671451
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

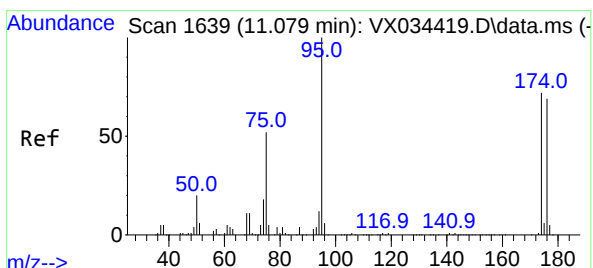
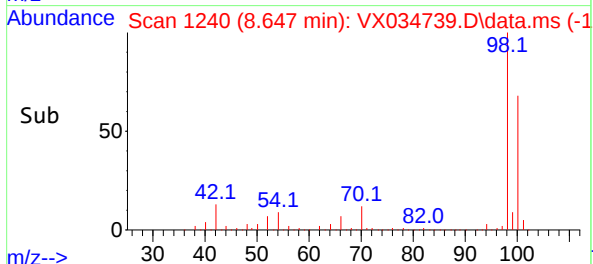
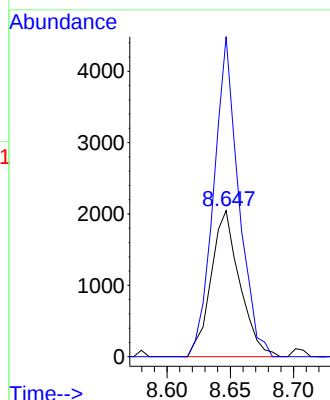
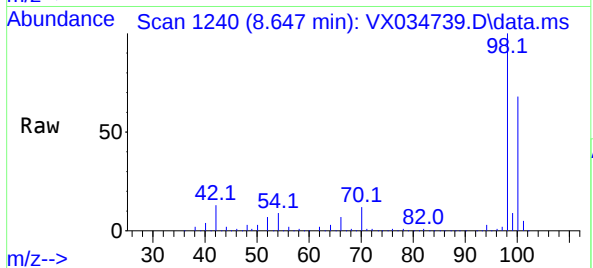




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

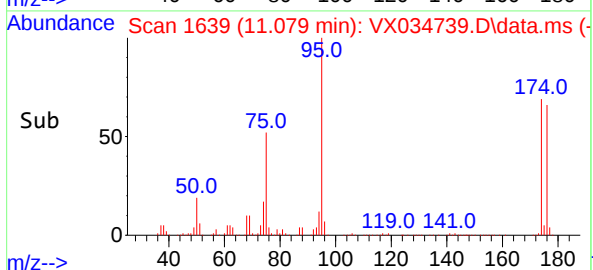
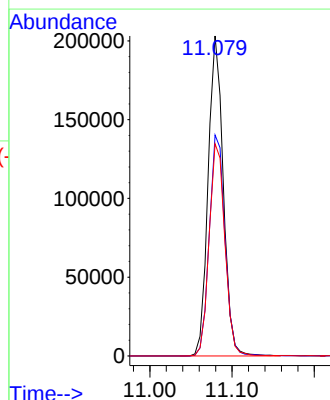
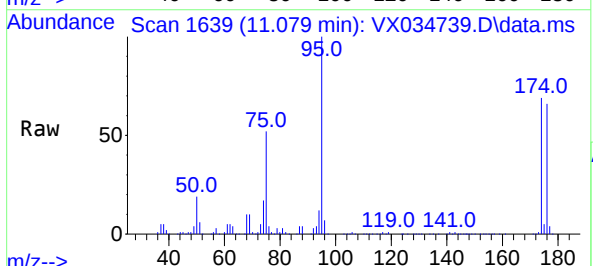
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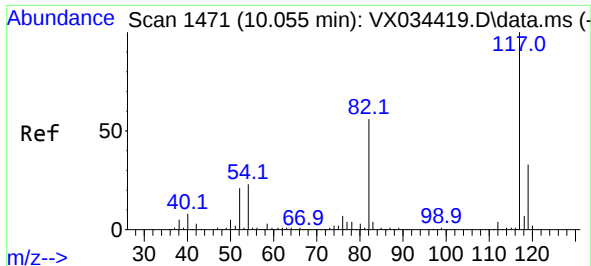
Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
58 191.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 46.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Tgt Ion: 95 Resp: 259672
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 68.9 0.0 140.6

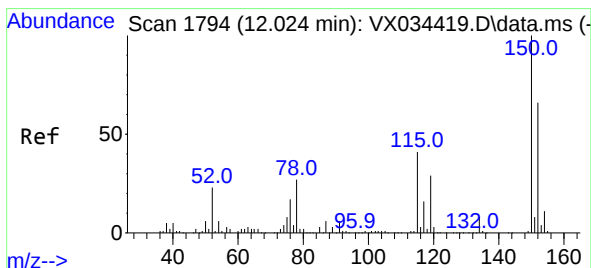
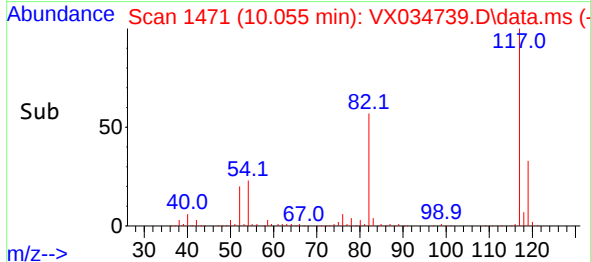
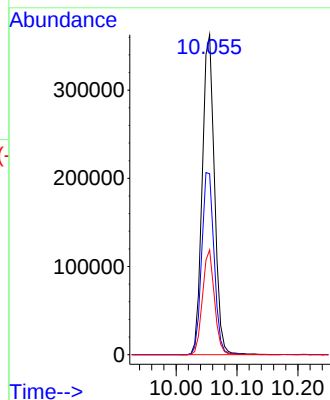
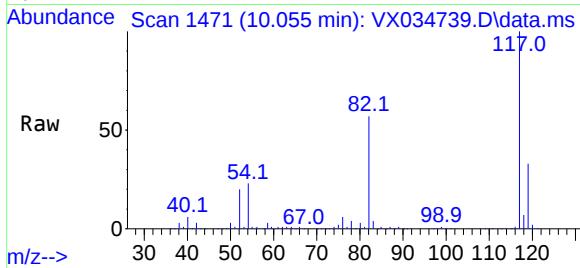




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

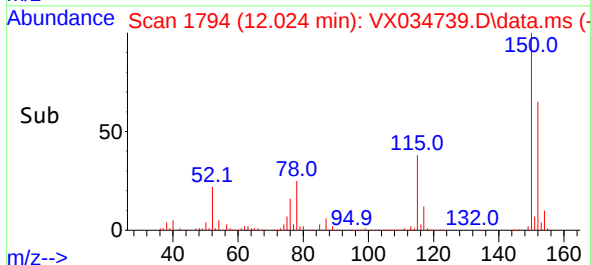
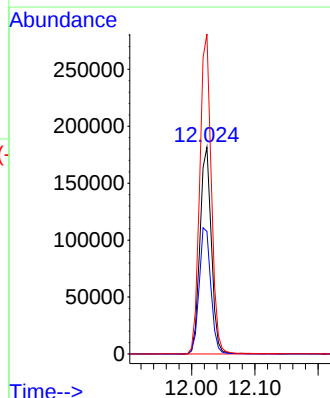
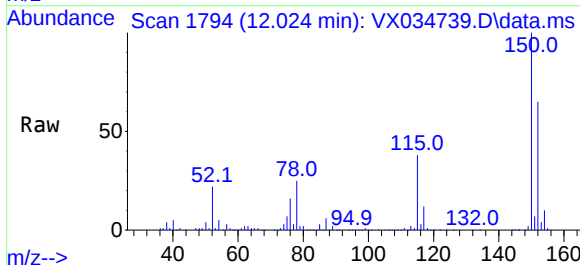
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

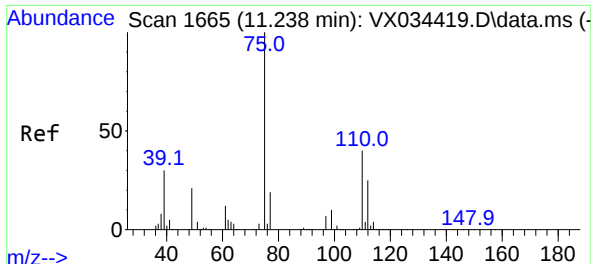
Tgt Ion:117 Resp: 506161
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Tgt Ion:152 Resp: 228697
Ion Ratio Lower Upper
152 100
115 62.6 45.0 135.0
150 156.0 0.0 352.4

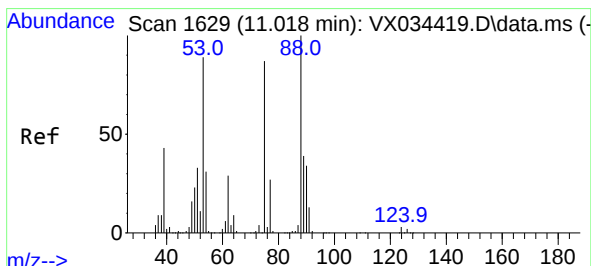
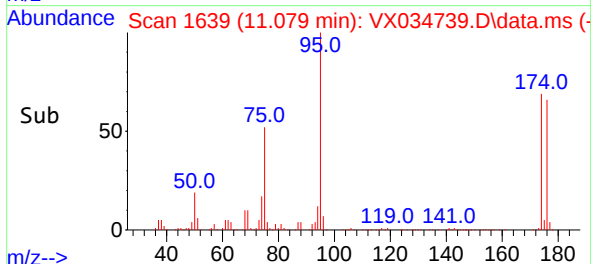
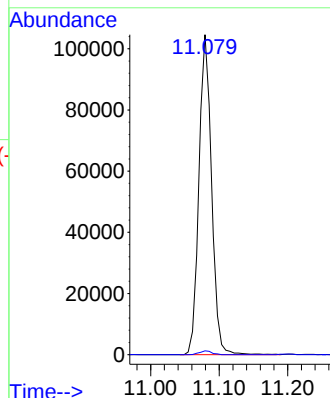
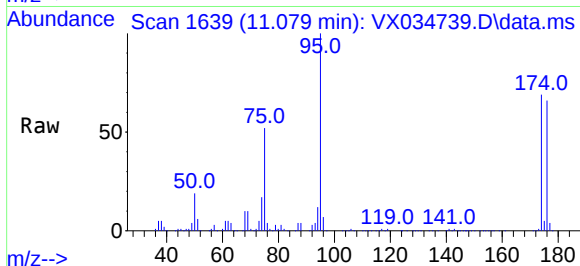




#76
1,2,3-Trichloropropane
Concen: 25.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

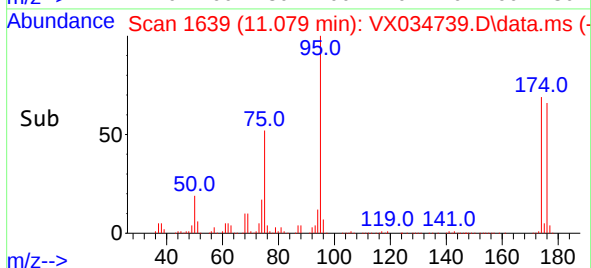
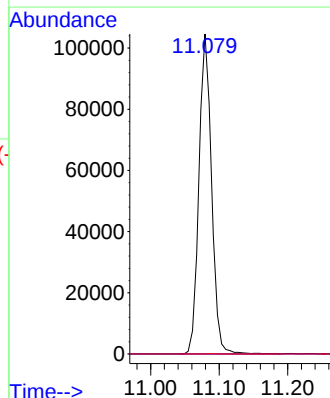
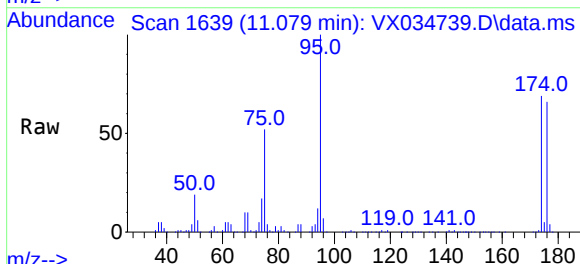
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01

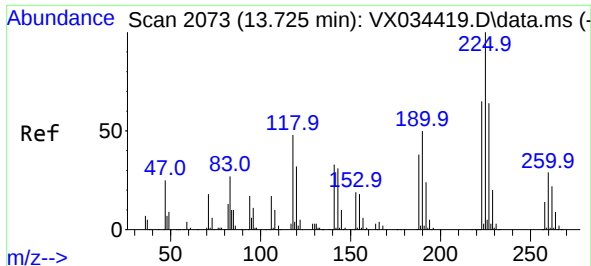
Tgt Ion: 75 Resp: 134298
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

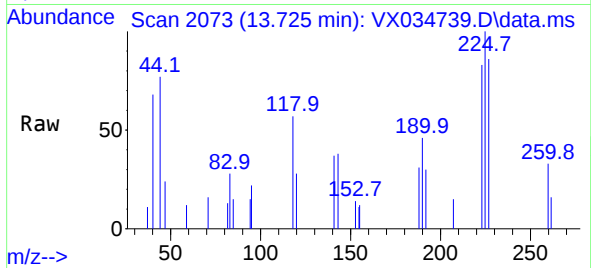
Tgt Ion: 75 Resp: 134298
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
Hexachlorobutadiene
Concen: 0.279 ug/l
RT: 13.725 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX034739.D
Acq: 27 Mar 2023 10:17

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBL01



Tgt Ion:	225	Resp:	565
Ion	Ratio	Lower	Upper
225	100		
223	72.6	32.1	96.5
227	80.5	31.8	95.4

