

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048535.D
 Acq On : 10 Nov 2025 13:43
 Operator : JC/MD
 Sample : Q3573-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:46:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	155276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128969	59.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.220%#
35) Dibromofluoromethane	5.367	113	109952	43.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.880%
50) Toluene-d8	8.635	98	391176	50.120	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.061	95	136548	46.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%

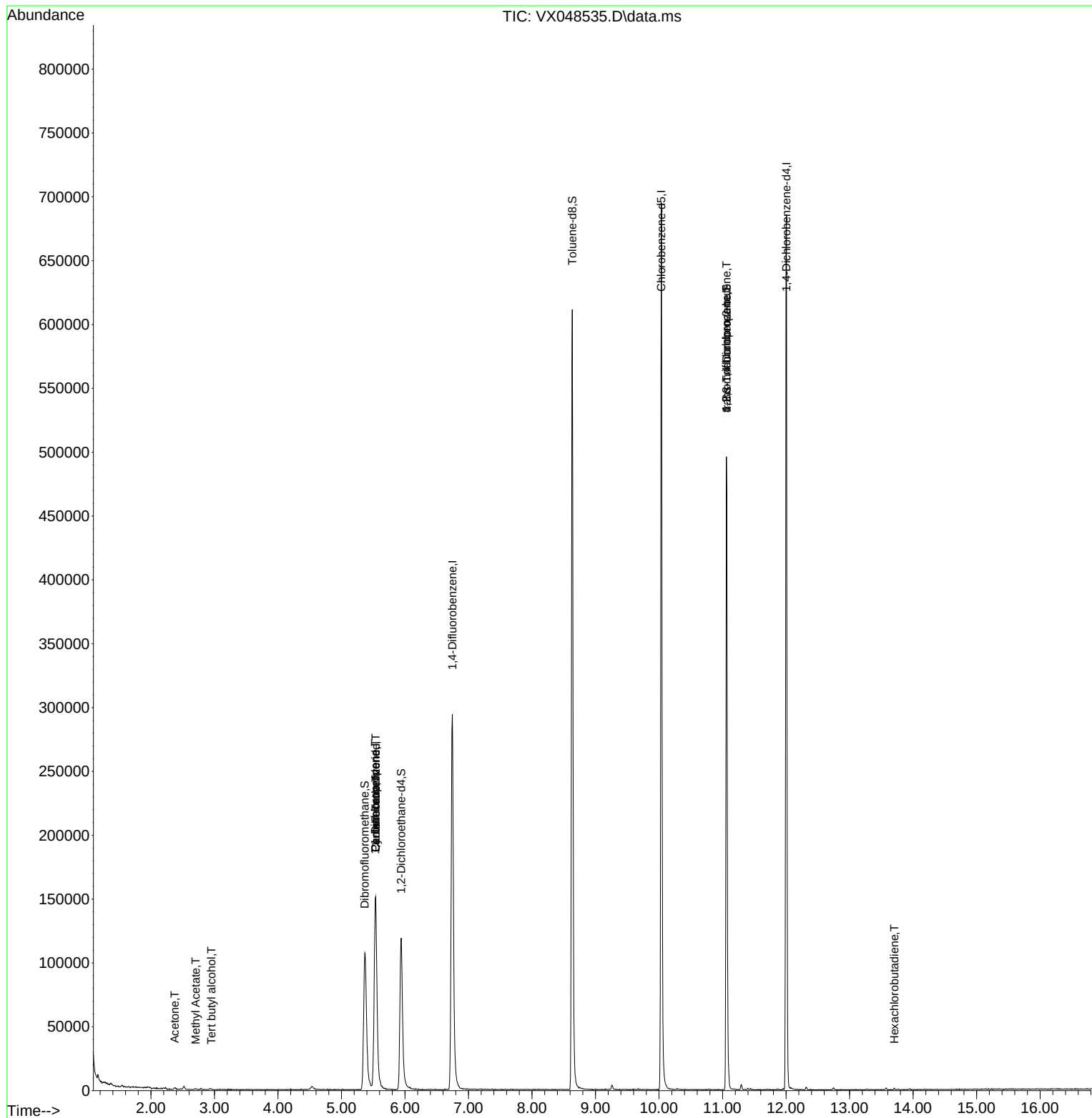
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	146	0.356	ug/l #	71
16) Acetone	2.373	43	1969	1.923	ug/l #	72
18) Methyl Acetate	2.703	43	1087	0.386	ug/l #	51
31) Cyclohexane	5.538	56	3238	1.114	ug/l #	1
36) 1,1-Dichloropropene	5.531	75	12209	3.643	ug/l #	50
38) Carbon Tetrachloride	5.538	117	16494	4.324	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	74007	20.786	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	74007	59.456	ug/l #	12
94) Hexachlorobutadiene	13.707	225	291	0.210	ug/l	84

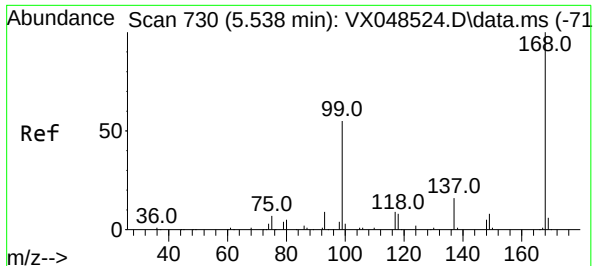
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
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Sample : Q3573-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

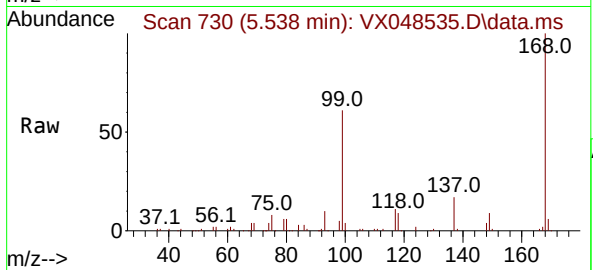
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



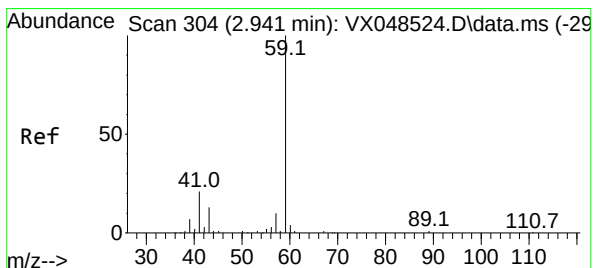
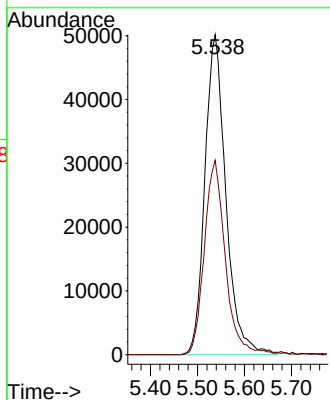
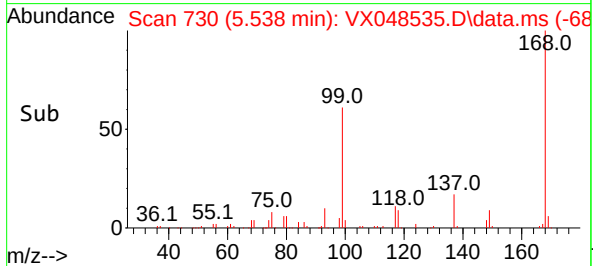


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :

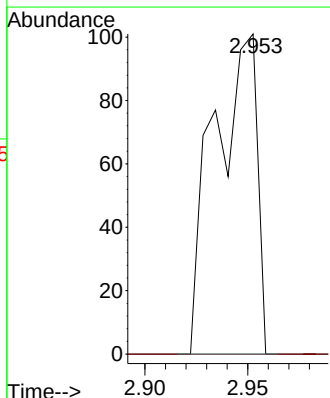
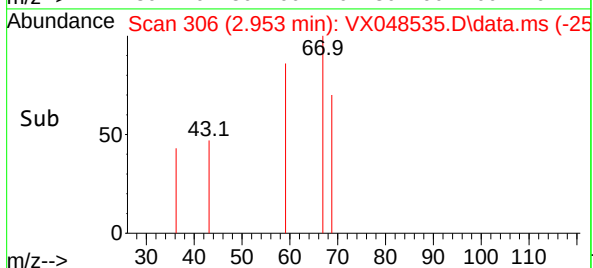
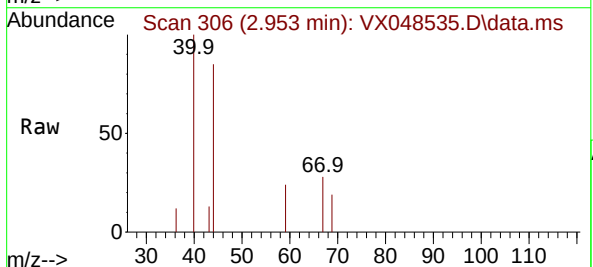


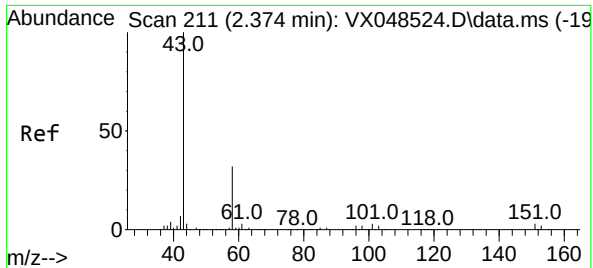
Tgt Ion:168 Resp: 155276
Ion Ratio Lower Upper
168 100
99 60.8 45.2 67.8



#11
Tert butyl alcohol
Concen: 0.356 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

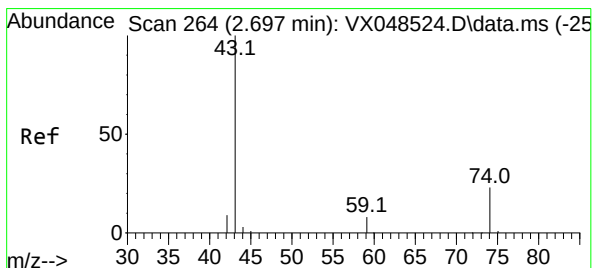
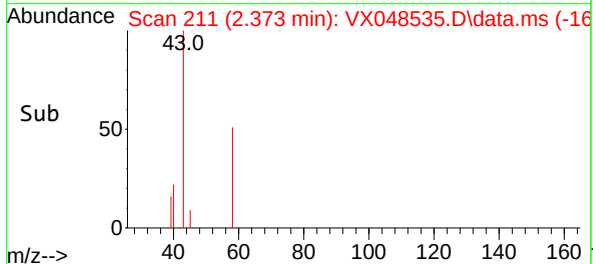
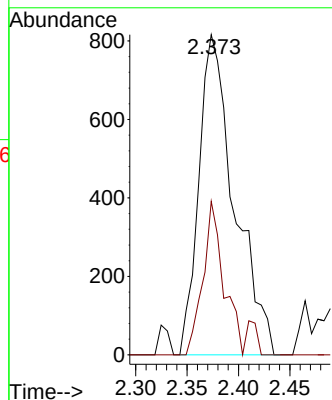
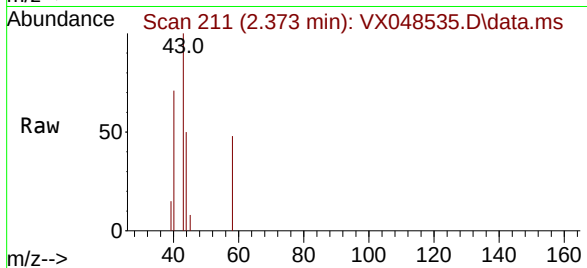




#16
Acetone
Concen: 1.923 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

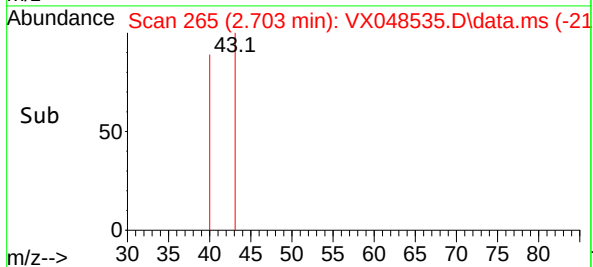
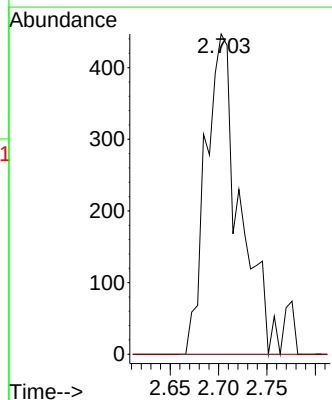
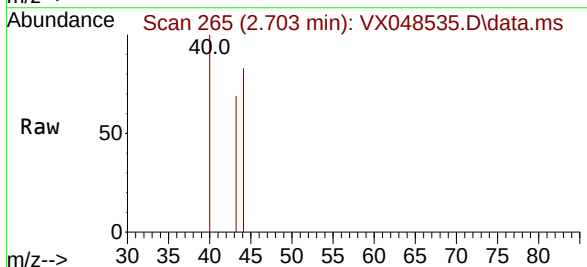
Instrument :
MSVOA_X
ClientSampleId :

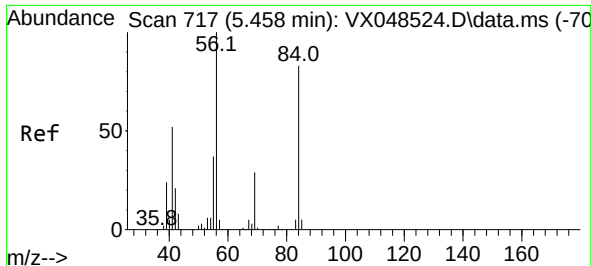
Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
58 47.9 25.8 38.6#



#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

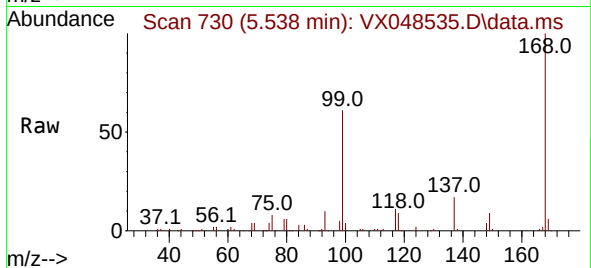
Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



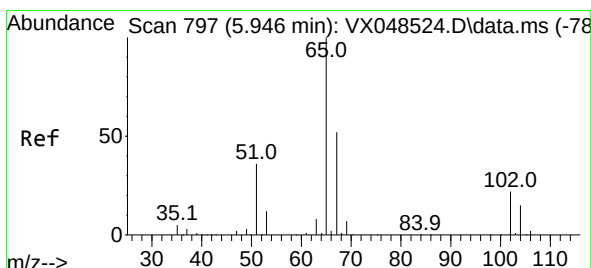
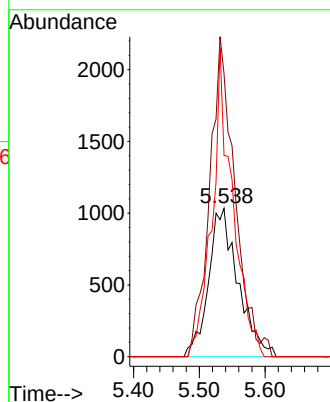
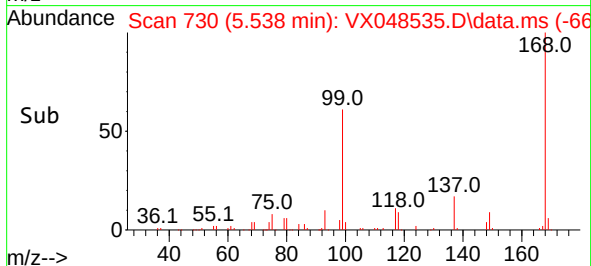


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :

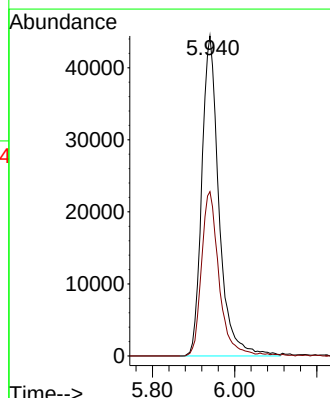
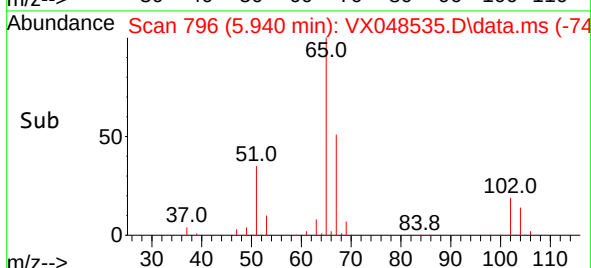
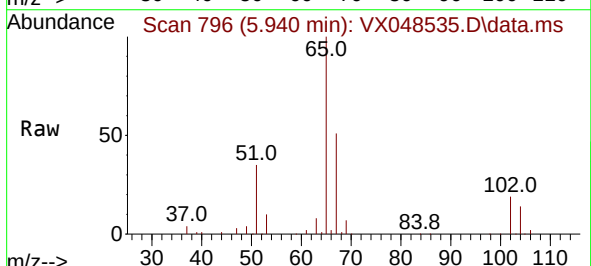


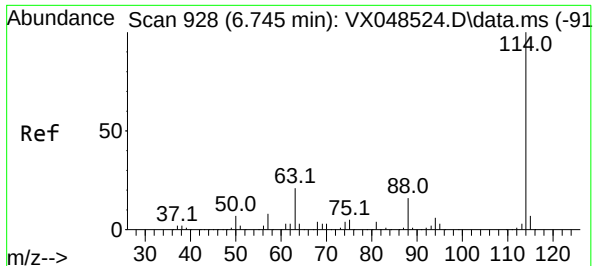
Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
69 190.6 23.4 35.2#
84 135.7 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 59.607 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion: 65 Resp: 128969
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

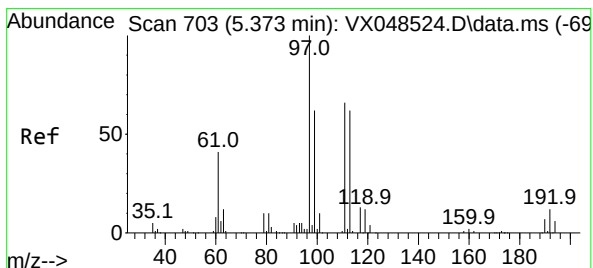
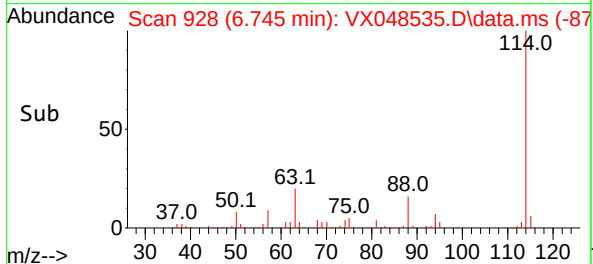
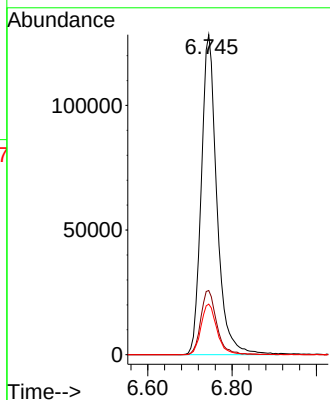
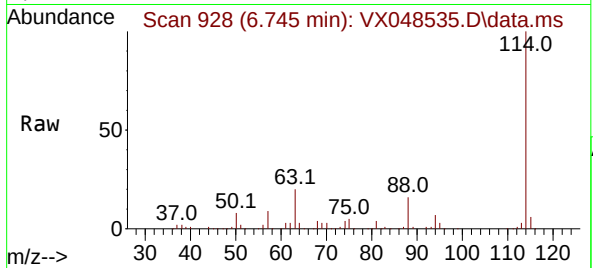




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

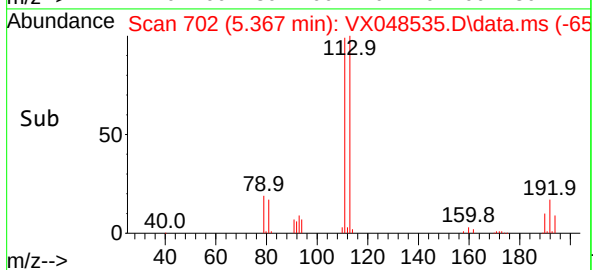
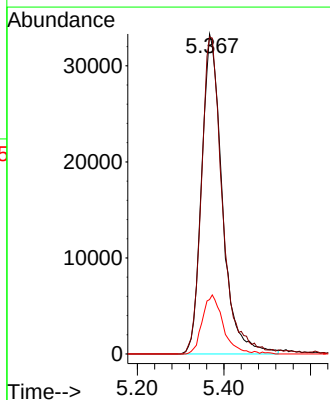
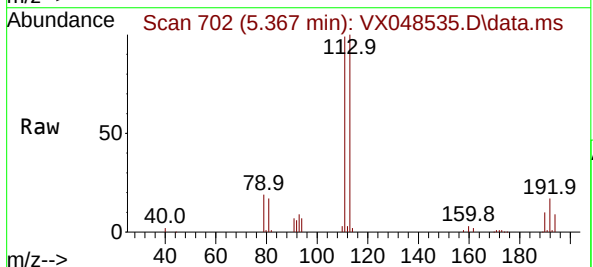
Instrument :
MSVOA_X
ClientSampleId :

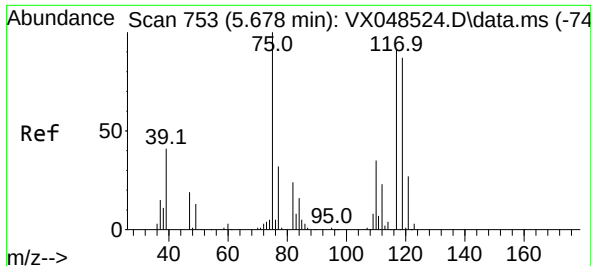
Tgt Ion:114 Resp: 330639
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.2
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.937 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

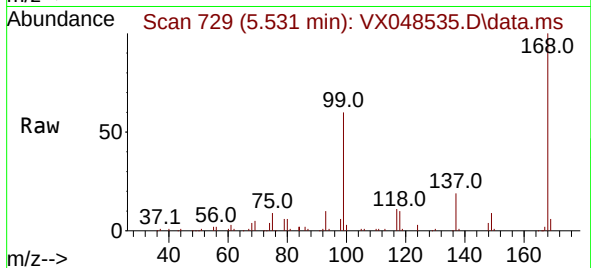
Tgt Ion:113 Resp: 109952
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 18.5 15.8 23.6



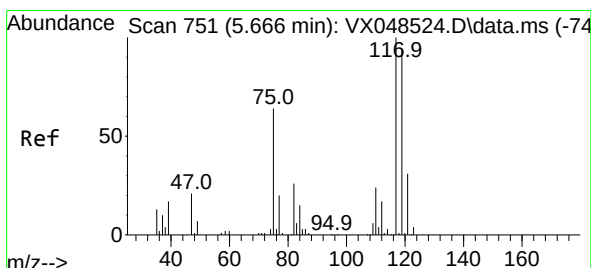
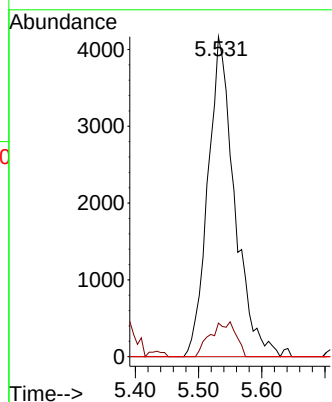
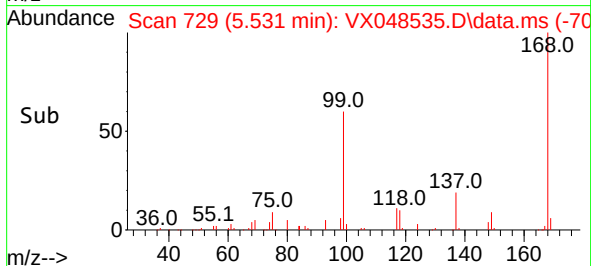


#36
1,1-Dichloropropene
Concen: 3.643 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

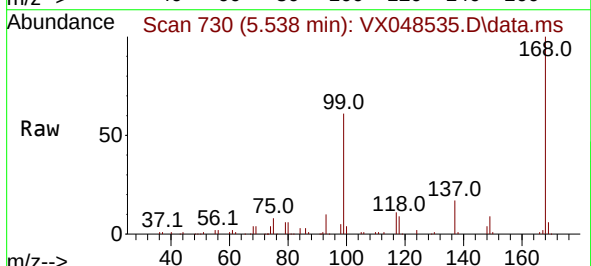
Instrument :
MSVOA_X
ClientSampleId :



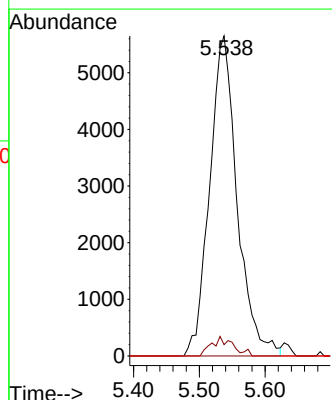
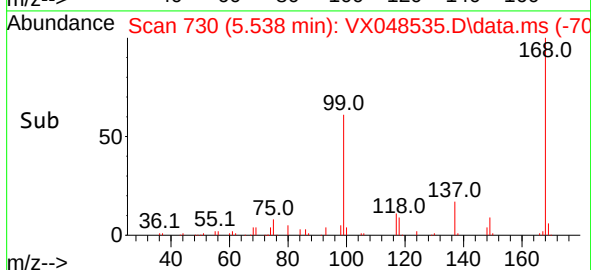
Tgt Ion: 75 Resp: 12209
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.4#
77 0.0 24.6 37.0#

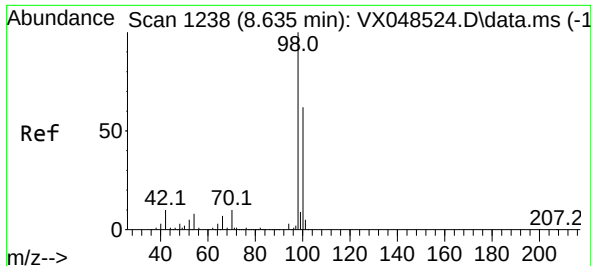


#38
Carbon Tetrachloride
Concen: 4.324 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43



Tgt Ion: 117 Resp: 16494
Ion Ratio Lower Upper
117 100
119 3.6 74.5 111.7#
121 0.0 24.8 37.2#

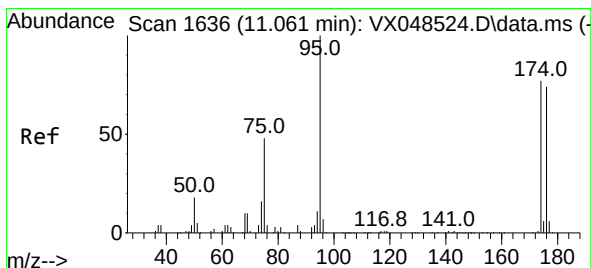
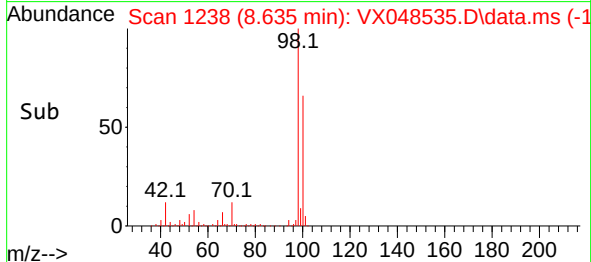
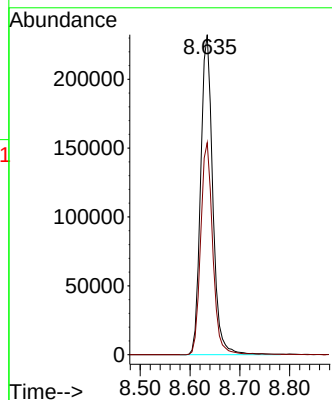
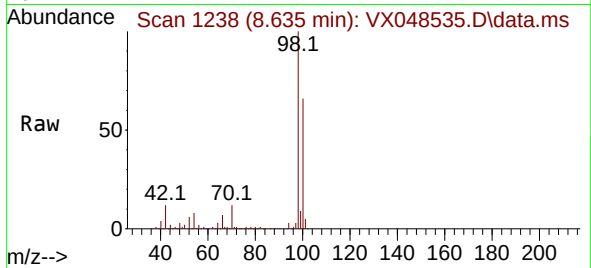




#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

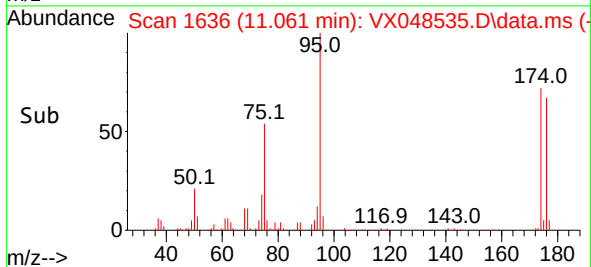
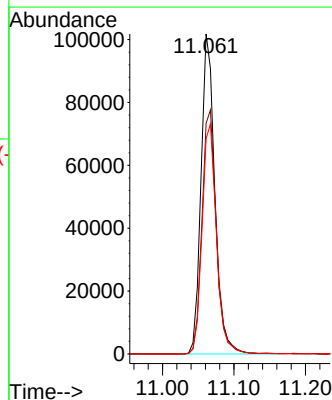
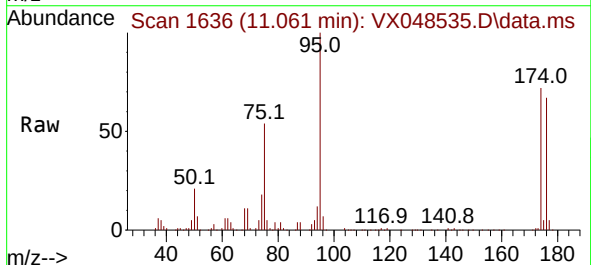
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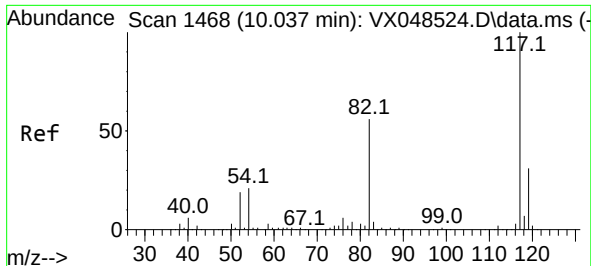
Tgt Ion: 98 Resp: 391176
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.946 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

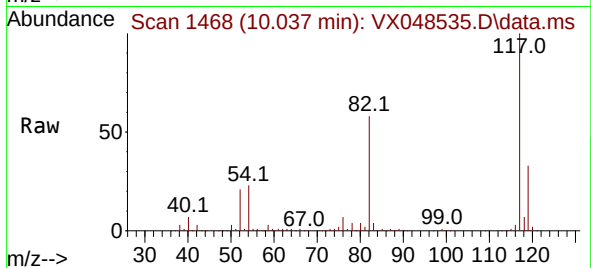
Tgt Ion: 95 Resp: 136548
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.8
176 74.9 0.0 153.6



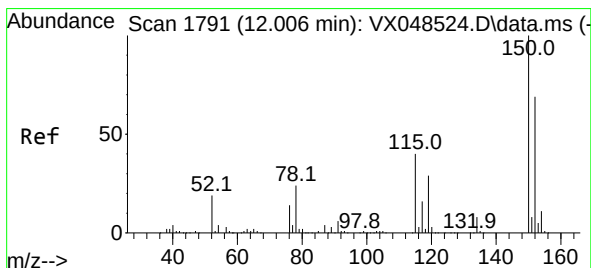
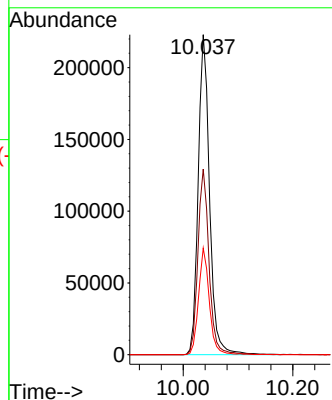
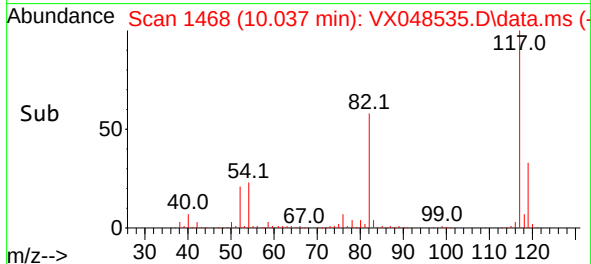


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :

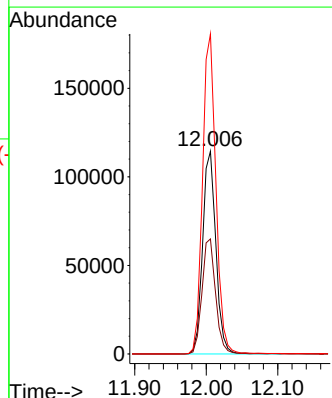
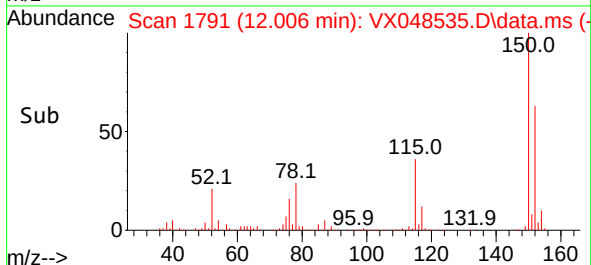
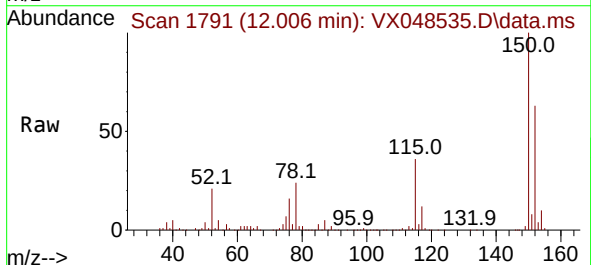


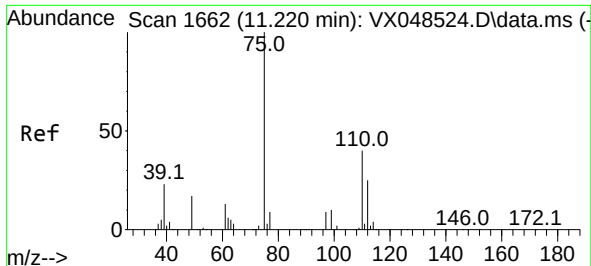
Tgt Ion:117 Resp: 321826
Ion Ratio Lower Upper
117 100
82 58.0 44.4 66.6
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion:152 Resp: 147785
Ion Ratio Lower Upper
152 100
115 58.1 39.2 117.6
150 158.8 0.0 347.0

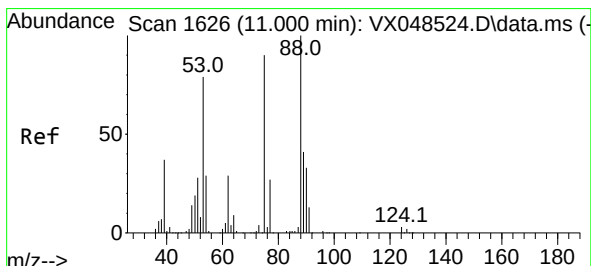
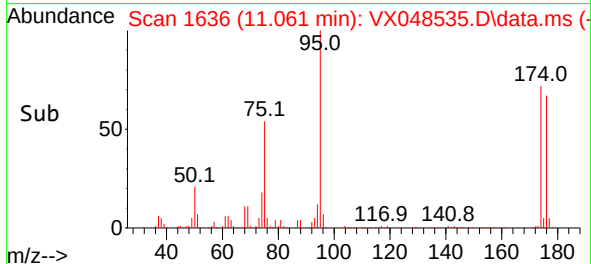
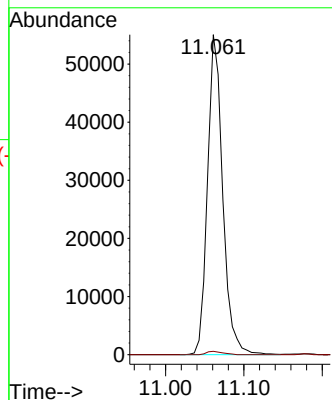
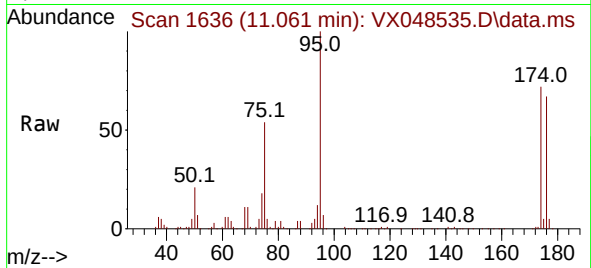




#76
1,2,3-Trichloropropane
Concen: 20.786 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

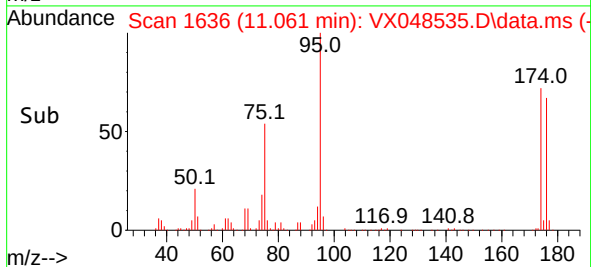
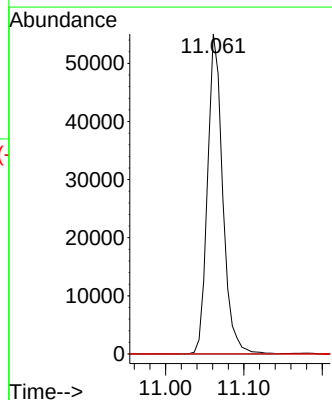
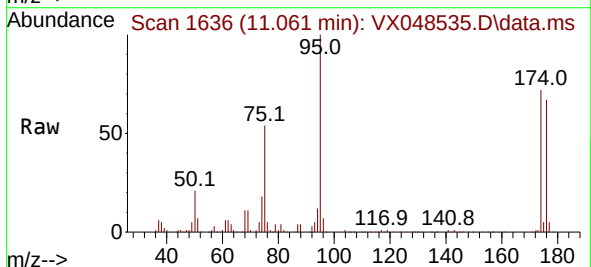
Instrument :
MSVOA_X
ClientSampleId :

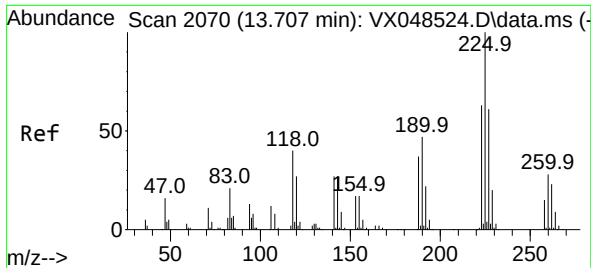
Tgt Ion: 75 Resp: 74007
Ion Ratio Lower Upper
75 100
77 1.1 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.456 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

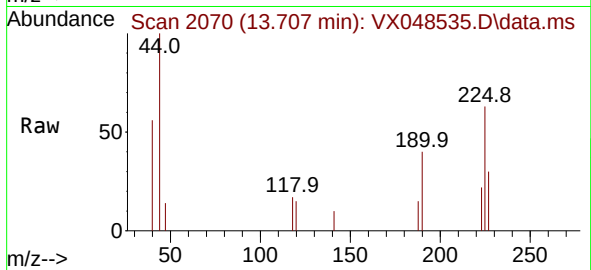
Tgt Ion: 75 Resp: 74007
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#





#94
 Hexachlorobutadiene
 Concen: 0.210 ug/l
 RT: 13.707 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX048535.D
 Acq: 10 Nov 2025 13:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	291
Ion	Ratio	Lower	Upper
225	100		
223	38.1	30.6	92.0
227	67.4	32.5	97.4

