

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048473.D
 Acq On : 04 Nov 2025 10:36
 Operator : JC/MD
 Sample : VX1104WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 01:43:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

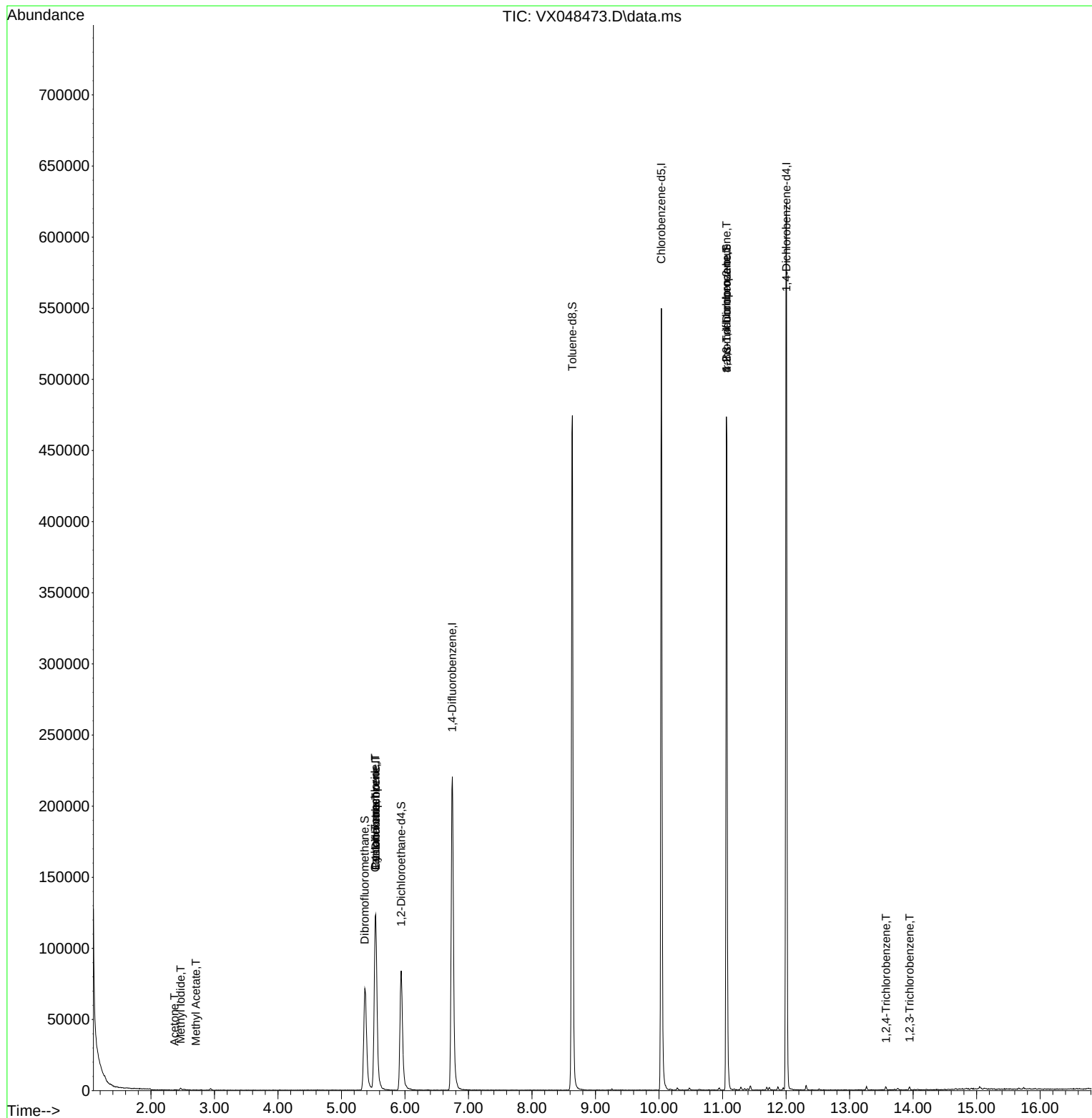
Internal Standards						
1) Pentafluorobenzene	5.537	168	132762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93163	48.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.367	113	73003	50.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.634	98	309296	48.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.061	95	140579	58.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.940%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	1881	0.307	ug/l	92
16) Acetone	2.367	43	117	0.270	ug/l #	45
18) Methyl Acetate	2.709	43	348	0.240	ug/l #	54
31) Cyclohexane	5.537	56	2472	0.937	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	9772	3.996	ug/l #	47
38) Carbon Tetrachloride	5.531	117	13529	4.792	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	69453	33.071	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	69453	114.444	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.573	180	753	0.231	ug/l	97
96) 1,2,3-Trichlorobenzene	13.944	180	681	0.230	ug/l	92

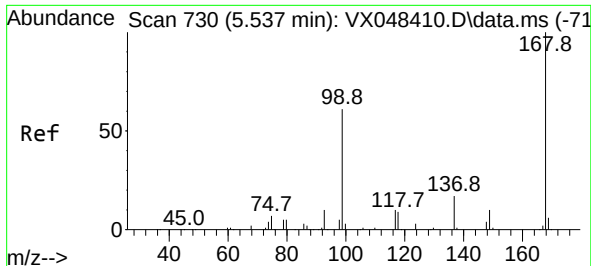
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX048473.D
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Operator : JC/MD
Sample : VX1104WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 05 01:43:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

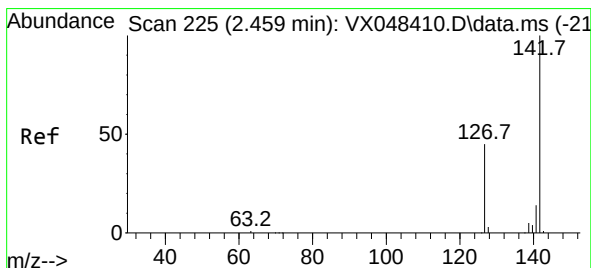
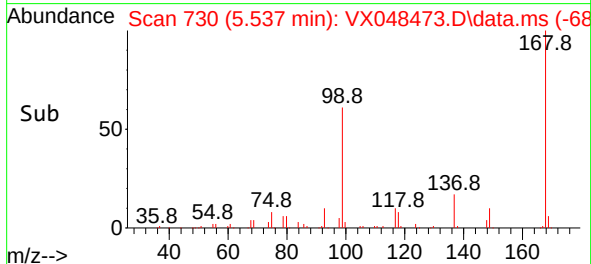
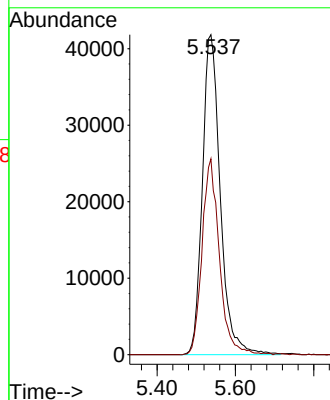
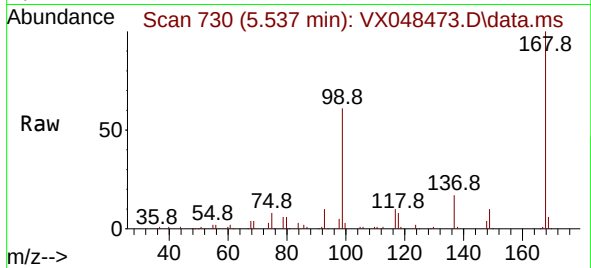




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

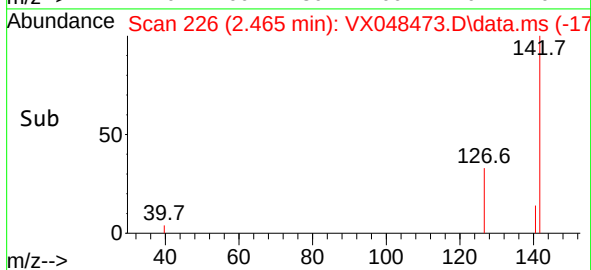
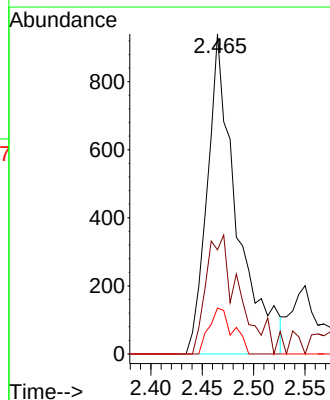
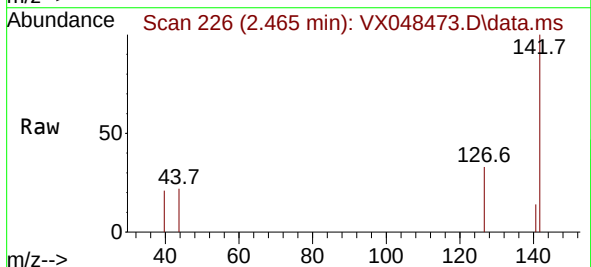
Instrument :
MSVOA_X
ClientSampleId :

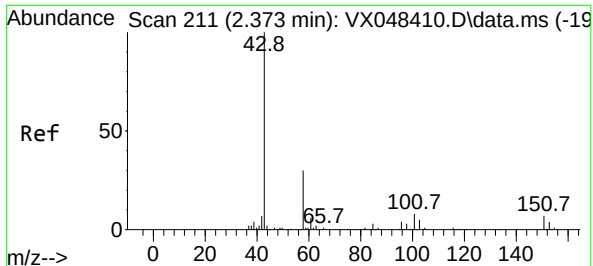
Tgt Ion:168 Resp: 132762
Ion Ratio Lower Upper
168 100
99 61.2 46.4 69.6



#10
Methyl Iodide
Concen: 0.307 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

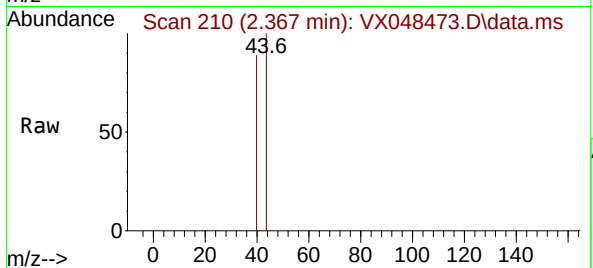
Tgt Ion:142 Resp: 1881
Ion Ratio Lower Upper
142 100
127 42.7 38.5 57.7
141 11.6 11.6 17.4



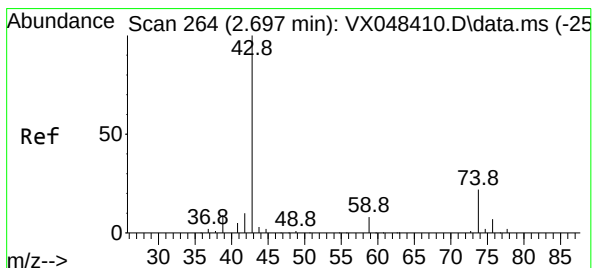
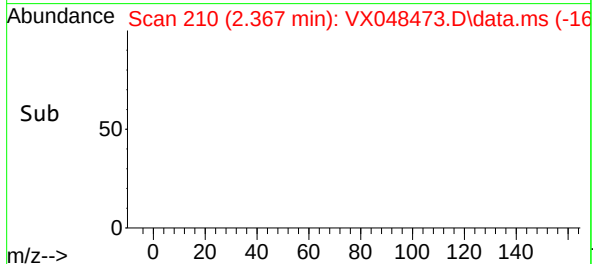
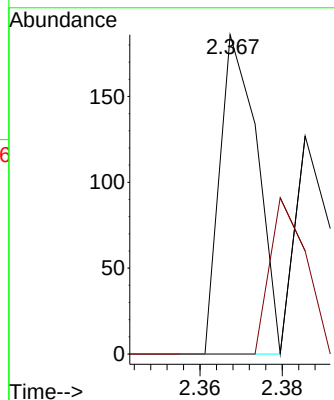


#16
Acetone
Concen: 0.270 ug/l
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :

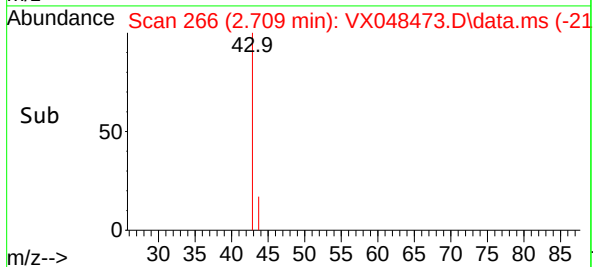
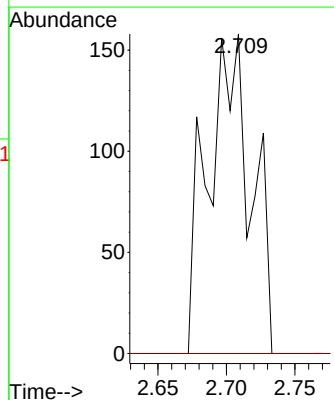
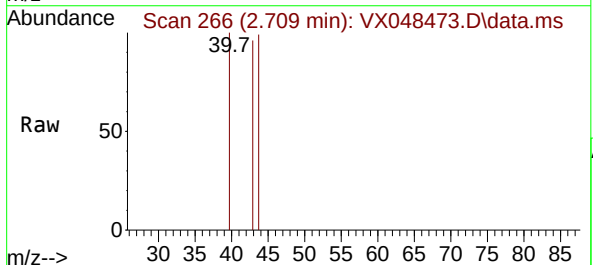


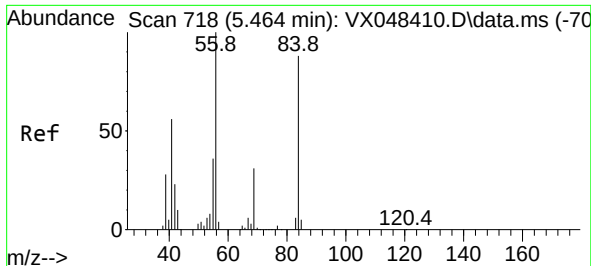
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.2#



#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

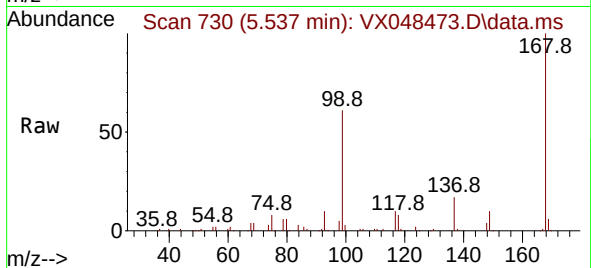
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



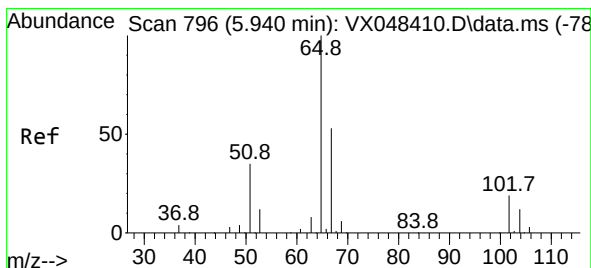
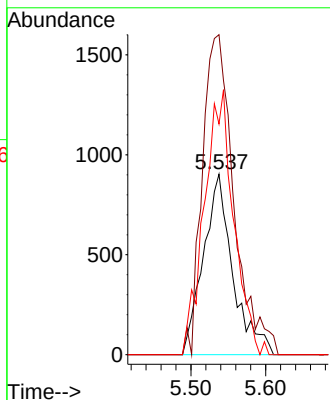
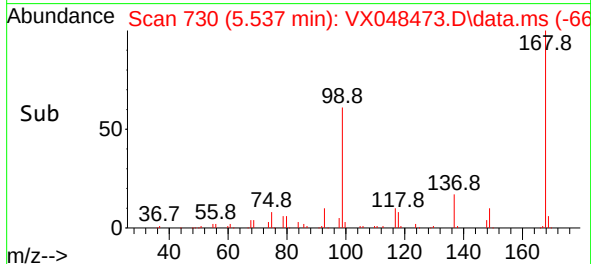


#31
Cyclohexane
Concen: 0.937 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :

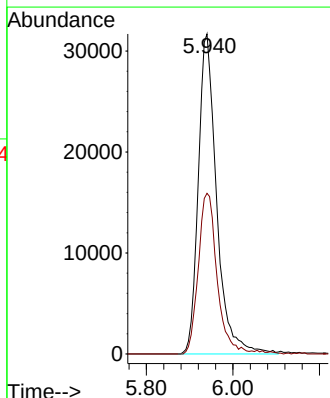
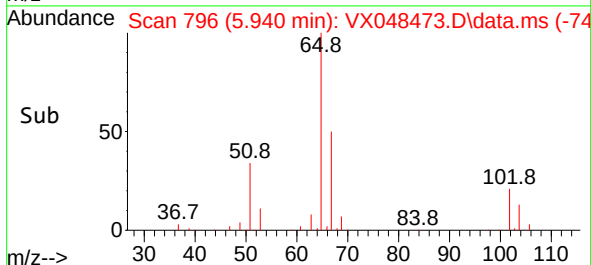
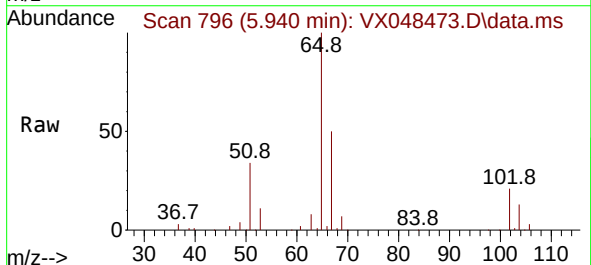


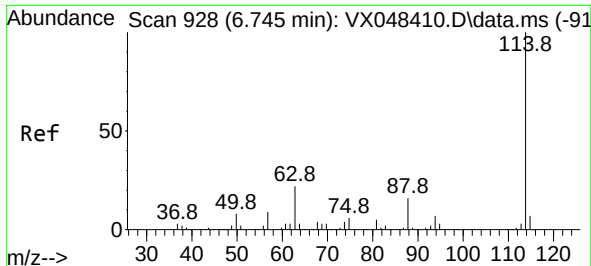
Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
69 177.3 23.0 34.6#
84 127.8 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 48.794 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

Tgt Ion: 65 Resp: 93163
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

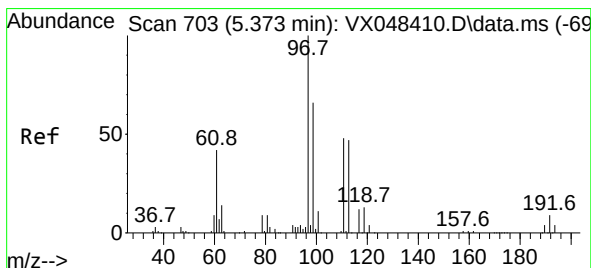
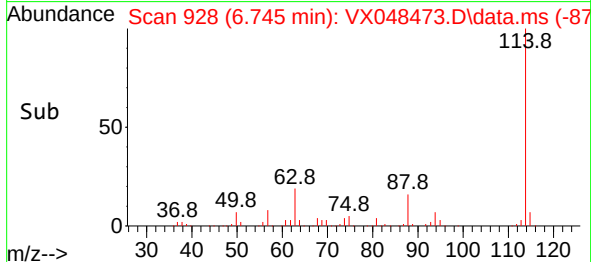
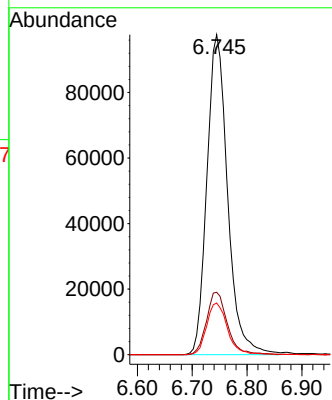
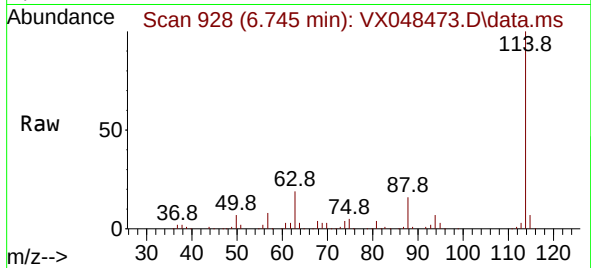




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048473.D
 Acq: 04 Nov 2025 10:36

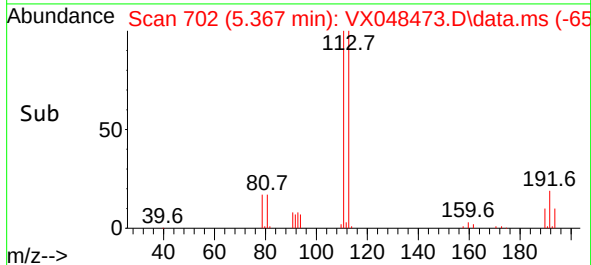
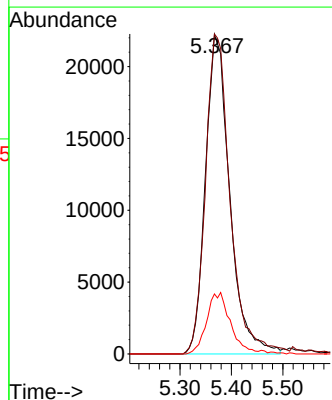
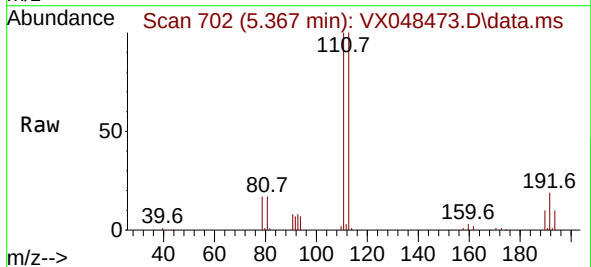
Instrument :
 MSVOA_X
 ClientSampleId :

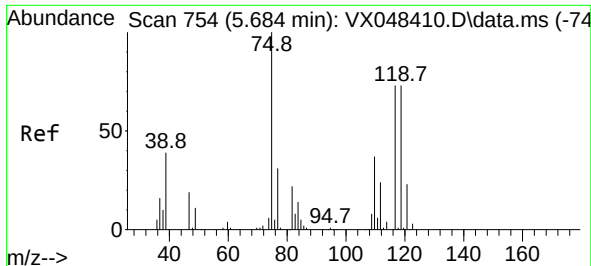
Tgt Ion:114 Resp: 255401
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.135 ug/l
 RT: 5.367 min Scan# 702
 Delta R.T. -0.006 min
 Lab File: VX048473.D
 Acq: 04 Nov 2025 10:36

Tgt Ion:113 Resp: 73003
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.8 15.1 22.7

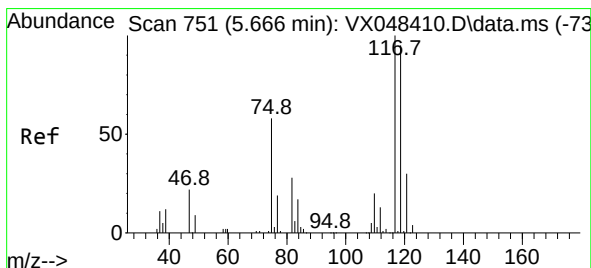
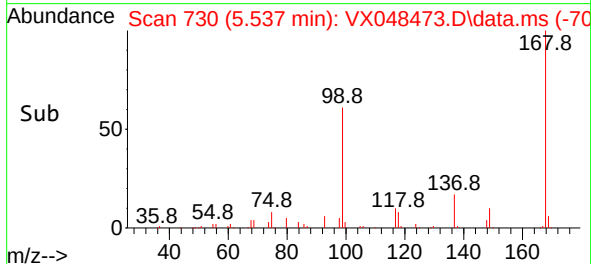
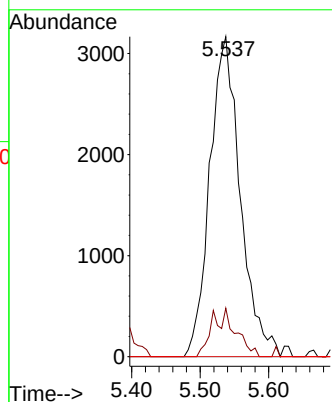
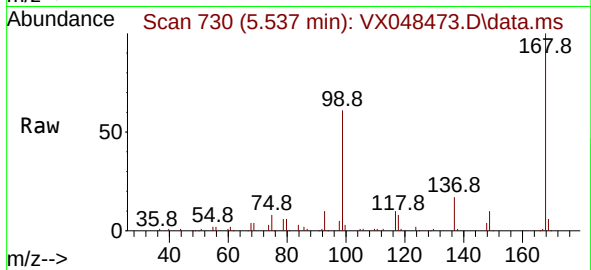




#36
1,1-Dichloropropene
Concen: 3.996 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

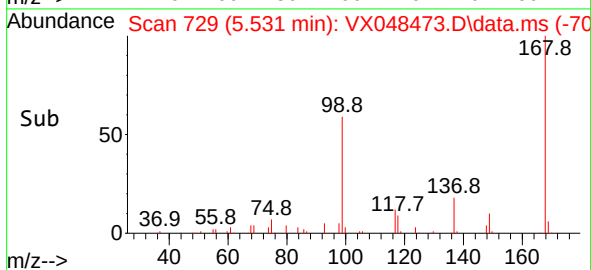
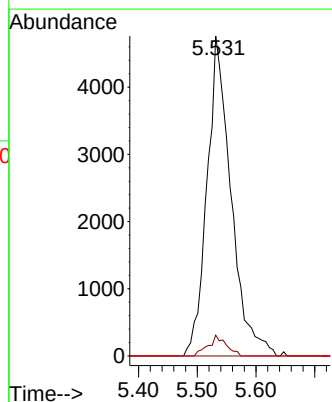
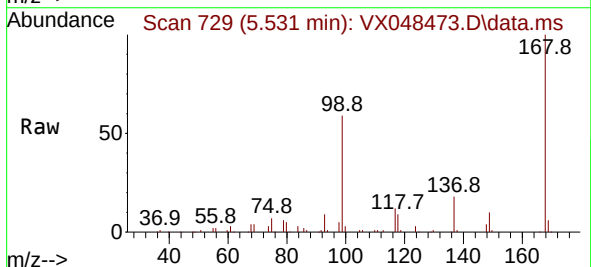
Instrument :
MSVOA_X
ClientSampleId :

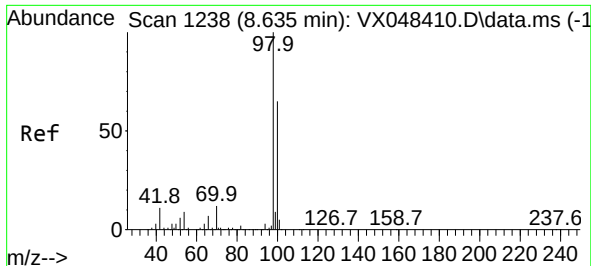
Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
110 5.4 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.792 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.134 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

Tgt Ion: 117 Resp: 13529
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.8 37.2#

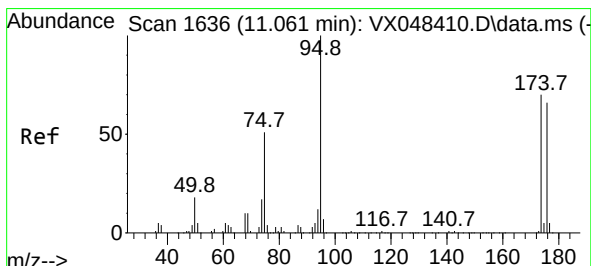
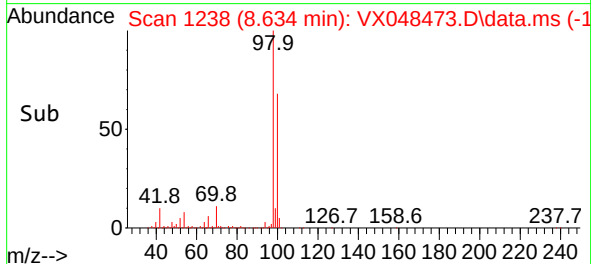
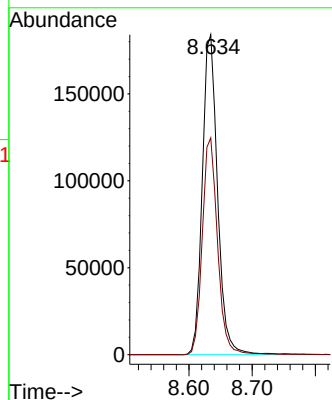
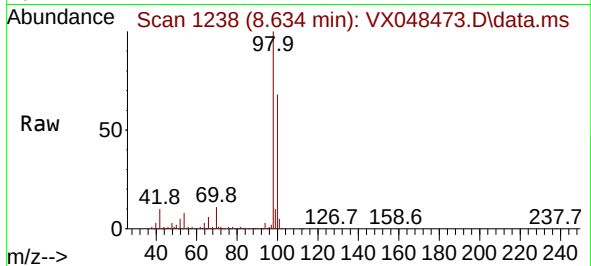




#50
Toluene-d8
Concen: 48.119 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

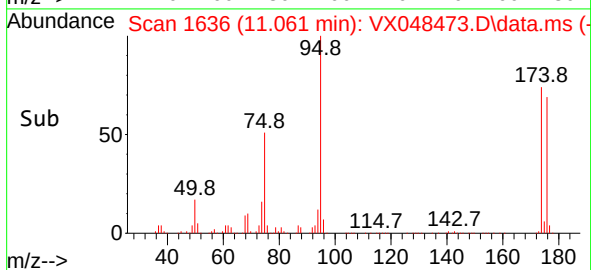
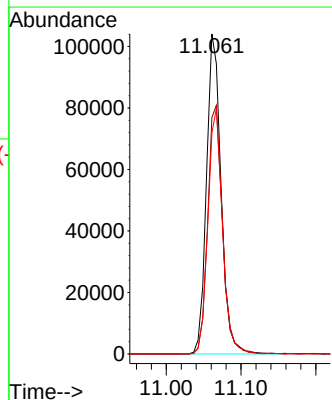
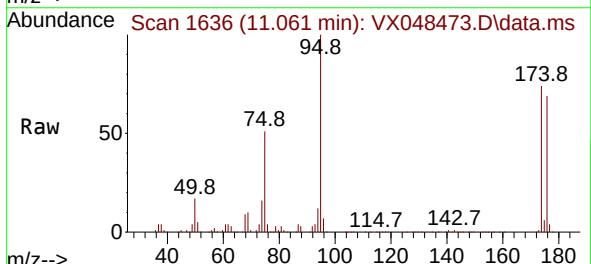
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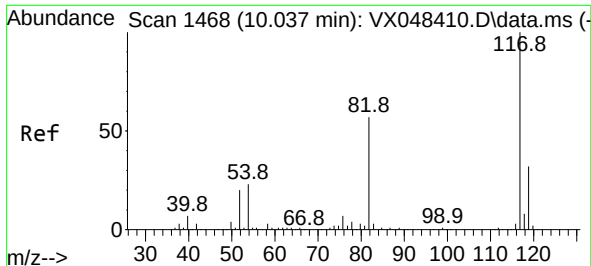
Tgt Ion: 98 Resp: 309296
Ion Ratio Lower Upper
98 100
100 67.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.465 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

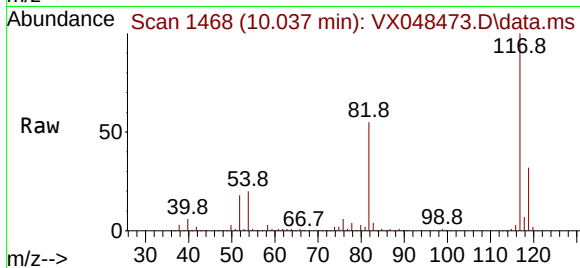
Tgt Ion: 95 Resp: 140579
Ion Ratio Lower Upper
95 100
174 79.1 0.0 147.8
176 76.8 0.0 142.8



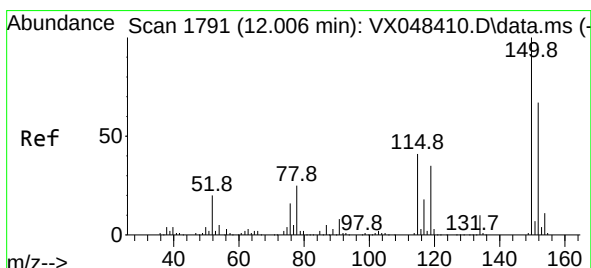
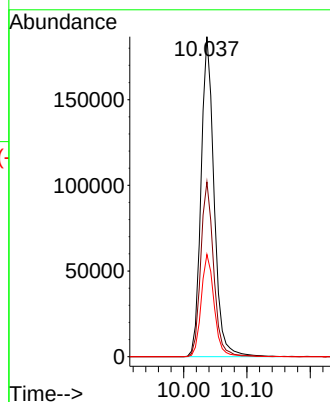
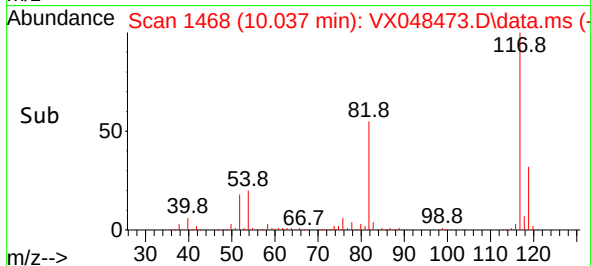


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

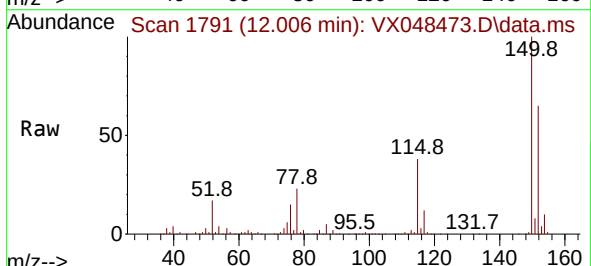
Instrument :
MSVOA_X
ClientSampleId :



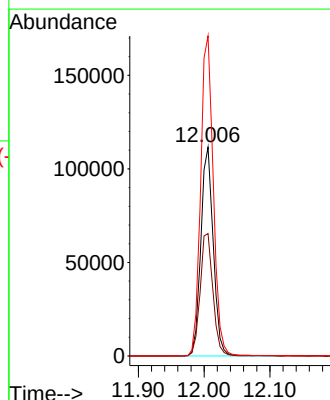
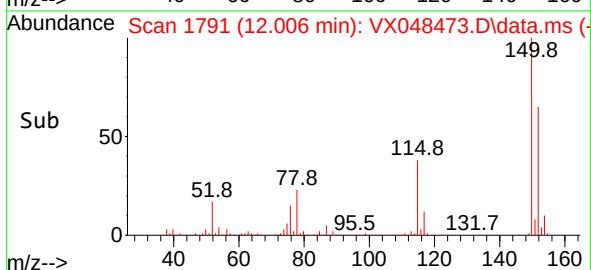
Tgt Ion:117 Resp: 268346
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 32.0 25.9 38.9

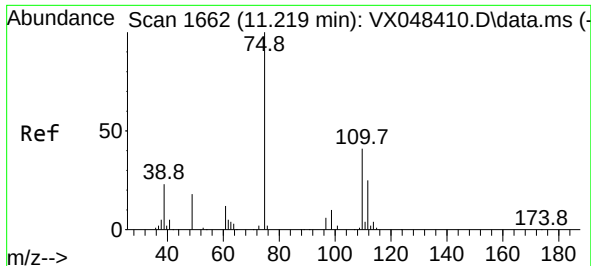


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36



Tgt Ion:152 Resp: 146033
Ion Ratio Lower Upper
152 100
115 60.3 43.1 129.4
150 156.3 0.0 353.0

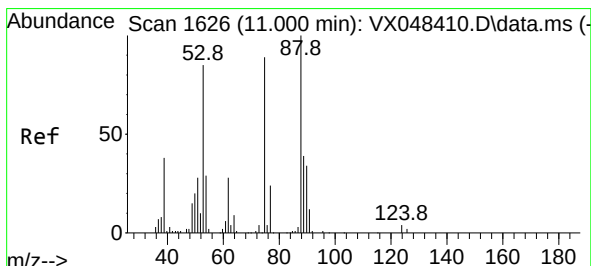
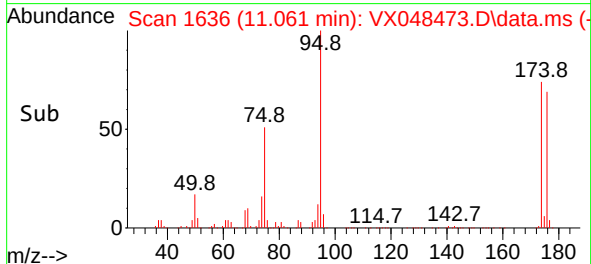
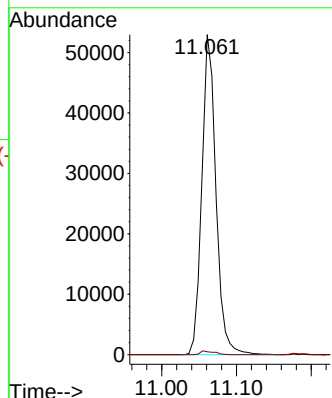
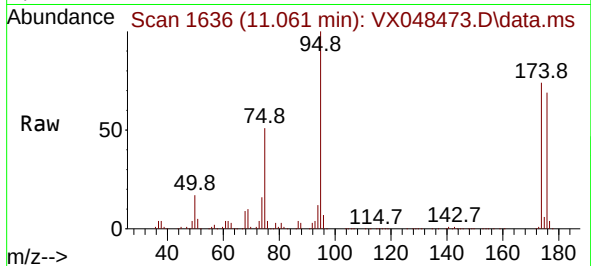




#76
1,2,3-Trichloropropane
Concen: 33.071 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

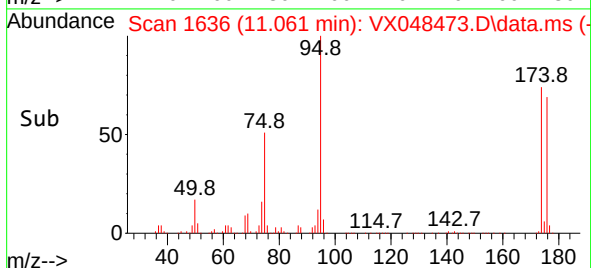
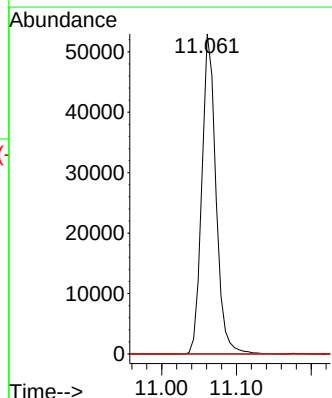
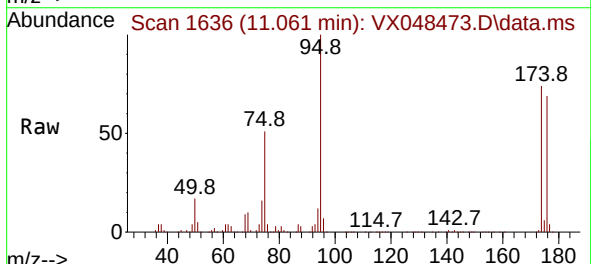
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MSVOA_X
ClientSampleId :

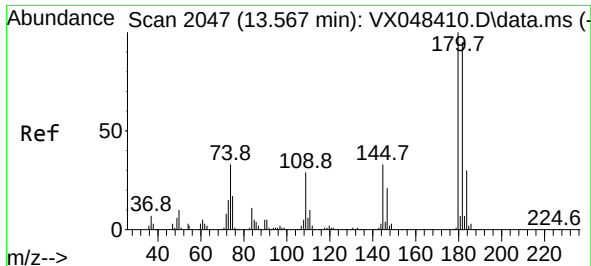
Tgt Ion: 75 Resp: 69453
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.444 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048473.D
Acq: 04 Nov 2025 10:36

Tgt Ion: 75 Resp: 69453
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

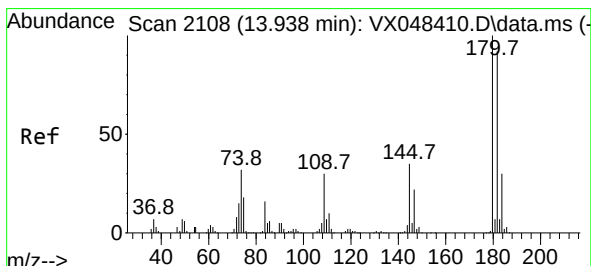
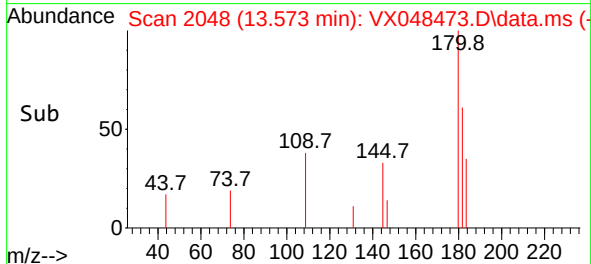
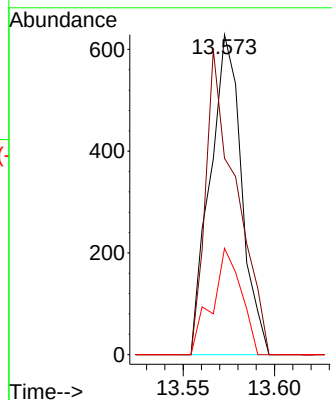
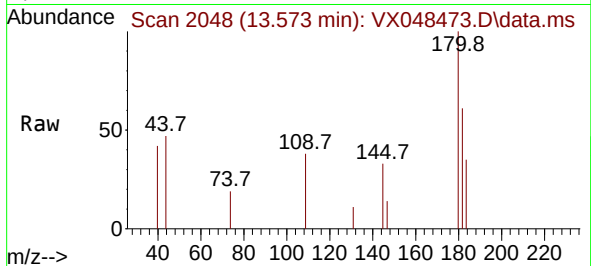




#93
 1,2,4-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.573 min Scan# 2047
 Delta R.T. 0.006 min
 Lab File: VX048473.D
 Acq: 04 Nov 2025 10:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 753
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.3 142.0
 145 30.8 16.3 48.9



#96
 1,2,3-Trichlorobenzene
 Concen: 0.230 ug/l
 RT: 13.944 min Scan# 2109
 Delta R.T. 0.006 min
 Lab File: VX048473.D
 Acq: 04 Nov 2025 10:36

Tgt Ion:180 Resp: 681
 Ion Ratio Lower Upper
 180 100
 182 84.9 46.6 139.7
 145 30.8 16.9 50.7

