

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048545.D
 Acq On : 10 Nov 2025 17:10
 Operator : JC/MD
 Sample : Q3584-07 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:49:44 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)

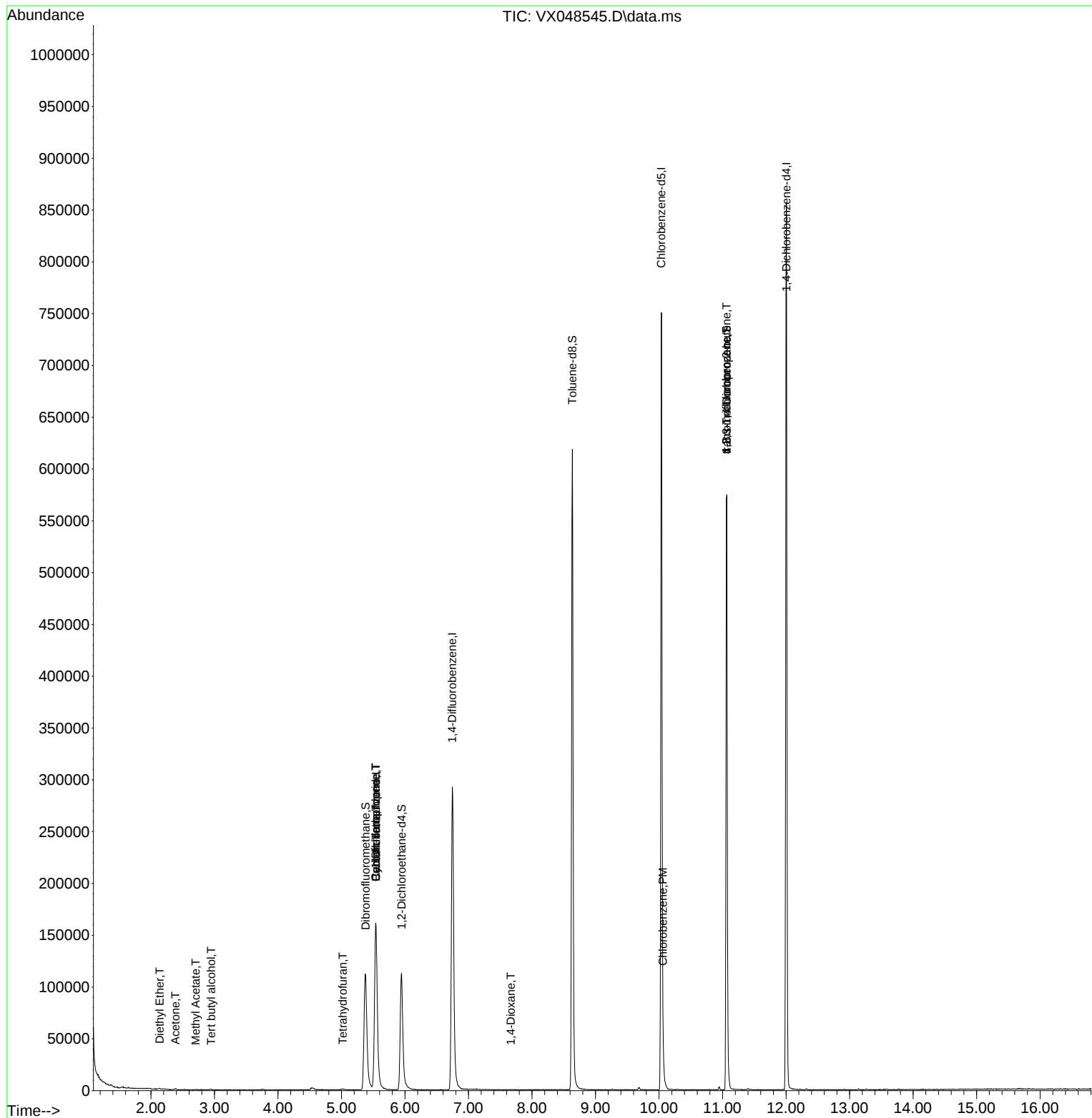
Internal Standards						
1) Pentafluorobenzene	5.544	168	176852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	345569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	366760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	194556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121452	49.285	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.560%	
35) Dibromofluoromethane	5.379	113	116434	44.517	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.040%	
50) Toluene-d8	8.634	98	405839	49.752	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.500%	
62) 4-Bromofluorobenzene	11.061	95	175384	57.693	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	115.380%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	384	0.281	ug/l	55
11) Tert butyl alcohol	2.946	59	394	0.844	ug/l #	71
16) Acetone	2.386	43	1385	1.187	ug/l	94
18) Methyl Acetate	2.703	43	643	0.201	ug/l #	86
29) Tetrahydrofuran	5.019	42	550	0.447	ug/l #	57
31) Cyclohexane	5.544	56	3053	0.923	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	12662	3.615	ug/l #	45
38) Carbon Tetrachloride	5.544	117	17034	4.273	ug/l #	17
49) 1,4-Dioxane	7.665	88	58	1.236	ug/l #	1
65) Chlorobenzene	10.061	112	6669	0.766	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	83116	17.733	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	83116	50.721	ug/l #	12

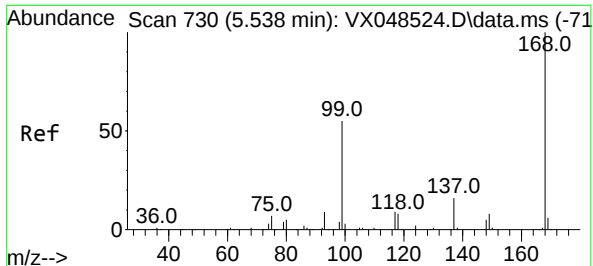
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048545.D
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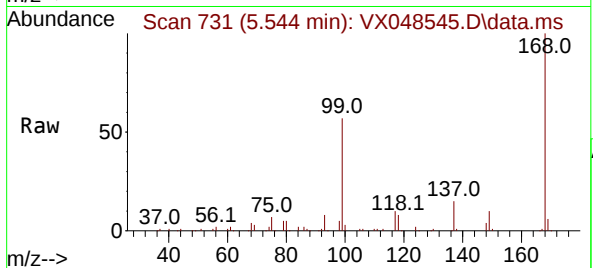
Quant Time: Nov 11 00:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



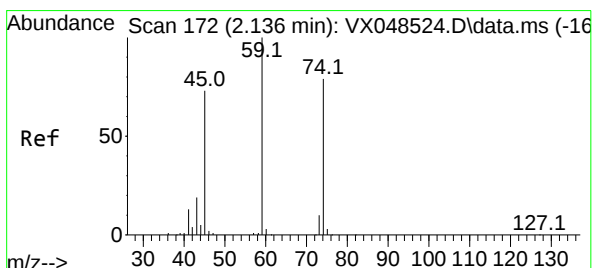
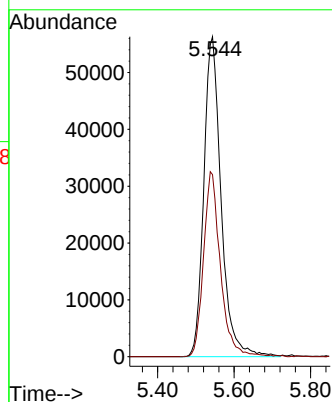
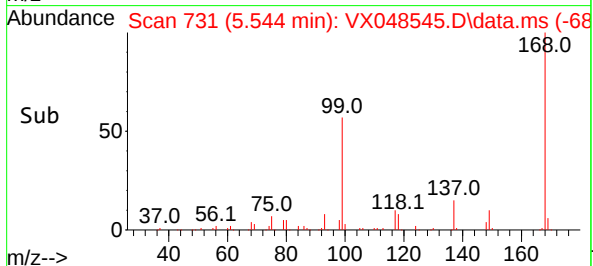


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :

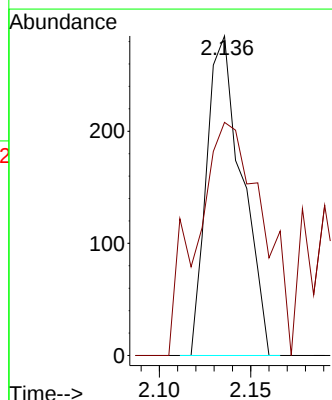
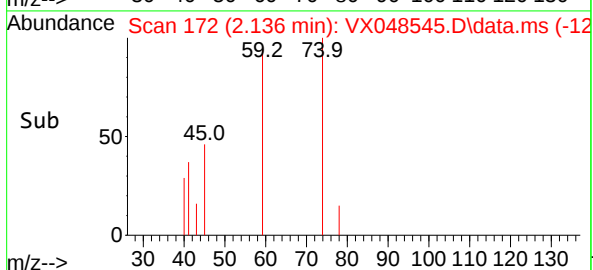
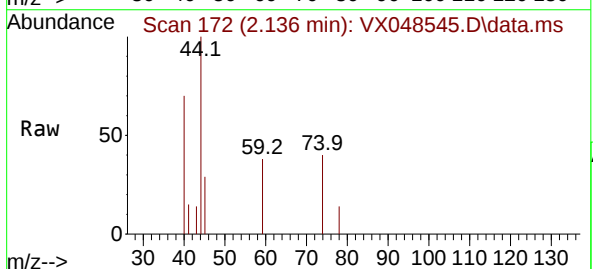


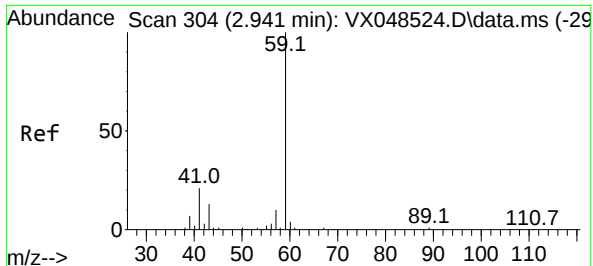
Tgt Ion:168 Resp: 176852
Ion Ratio Lower Upper
168 100
99 56.9 45.2 67.8



#8
Diethyl Ether
Concen: 0.281 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion: 74 Resp: 384
Ion Ratio Lower Upper
74 100
45 134.4 45.9 137.6

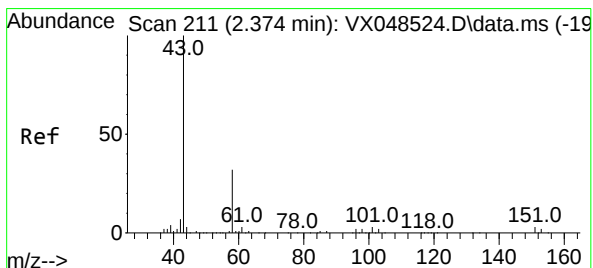
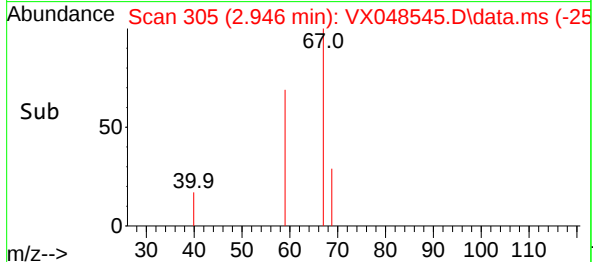
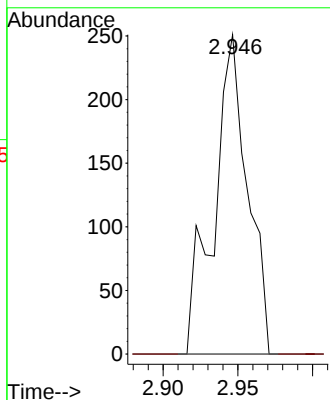
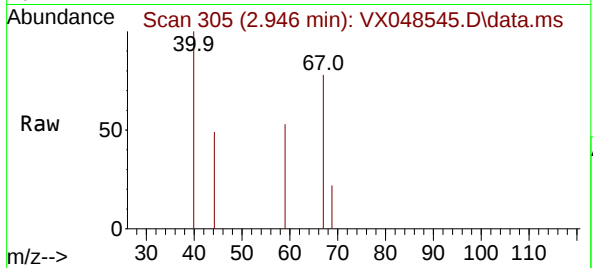




#11
Tert butyl alcohol
Concen: 0.844 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

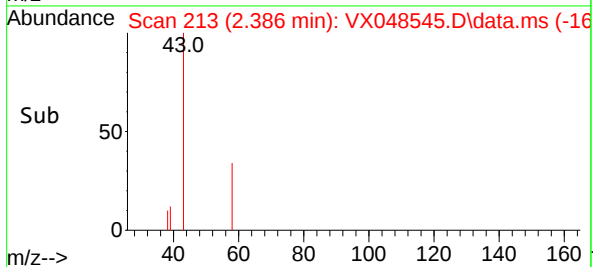
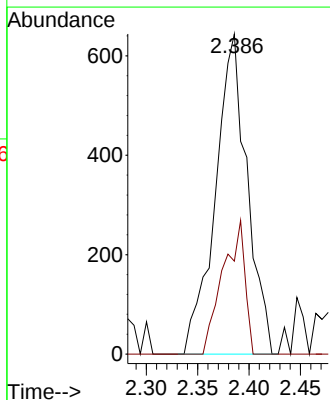
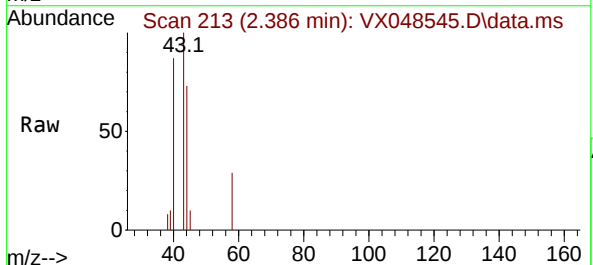
Instrument :
MSVOA_X
ClientSampleId :

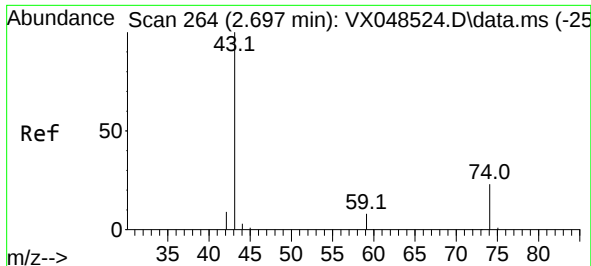
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 1.187 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 29.0 25.8 38.6





#18

Methyl Acetate

Concen: 0.201 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX048545.D

Acq: 10 Nov 2025 17:10

Instrument :

MSVOA_X

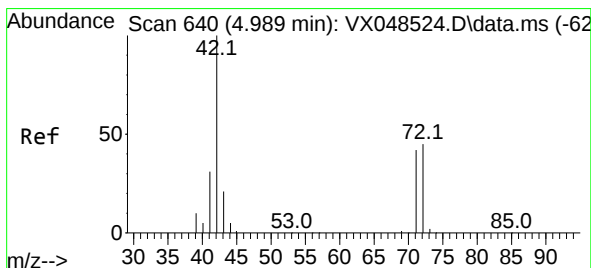
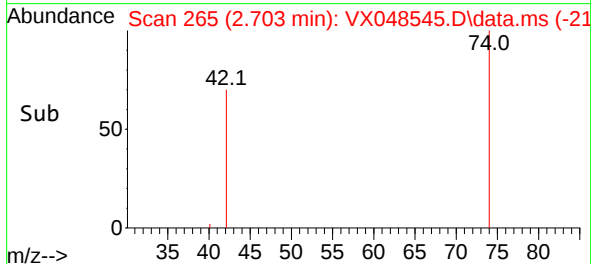
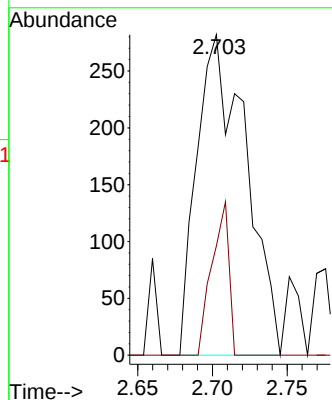
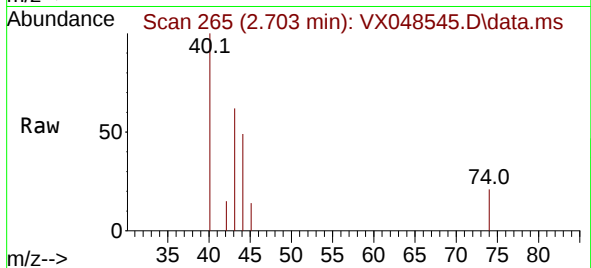
ClientSampleId :

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

43 100

74 16.8 19.1 28.7#



#29

Tetrahydrofuran

Concen: 0.447 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.030 min

Lab File: VX048545.D

Acq: 10 Nov 2025 17:10

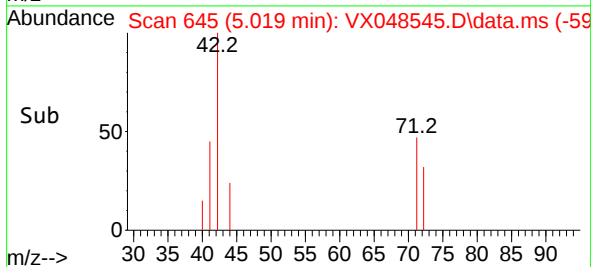
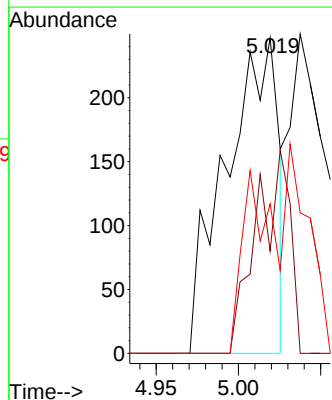
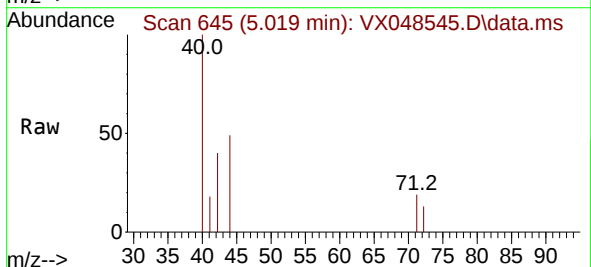
Tgt Ion: 42 Resp: 550

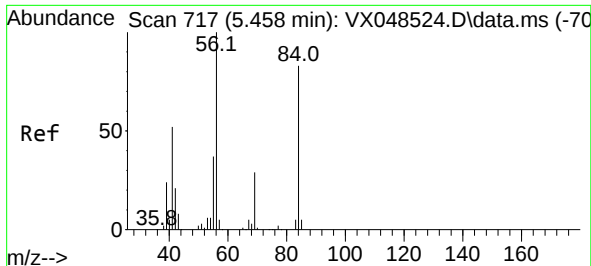
Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

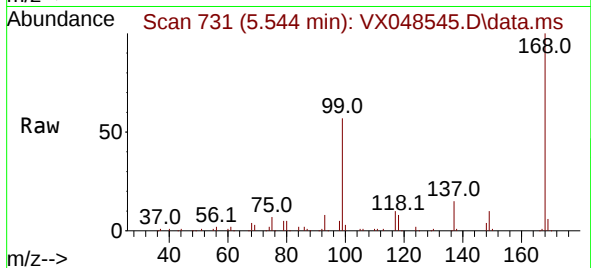
71 32.5 34.1 51.1#



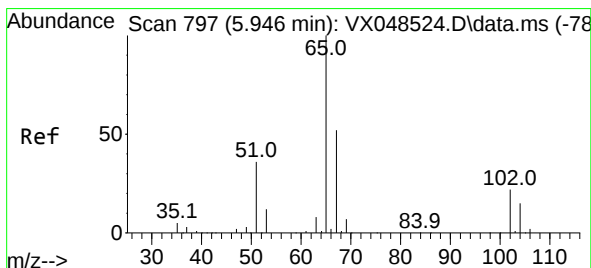
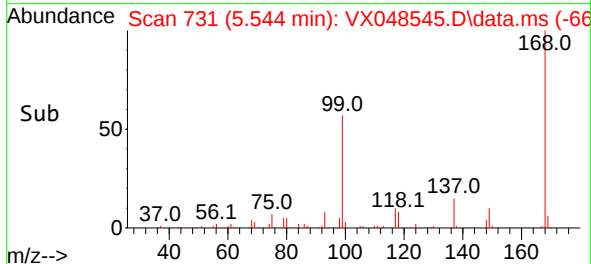
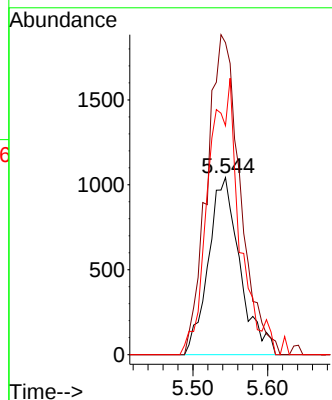


#31
Cyclohexane
Concen: 0.923 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :

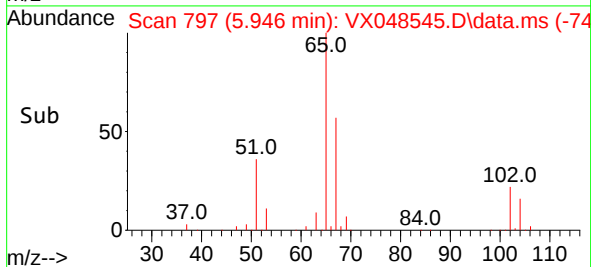
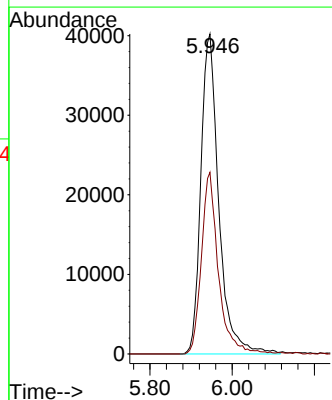
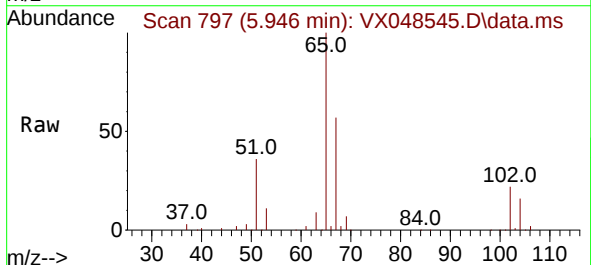


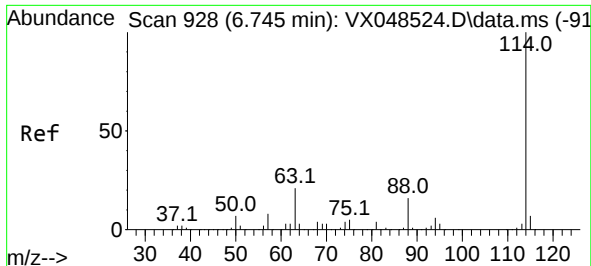
Tgt Ion: 56 Resp: 3053
Ion Ratio Lower Upper
56 100
69 176.1 23.4 35.2#
84 129.2 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 49.285 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion: 65 Resp: 121452
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.2

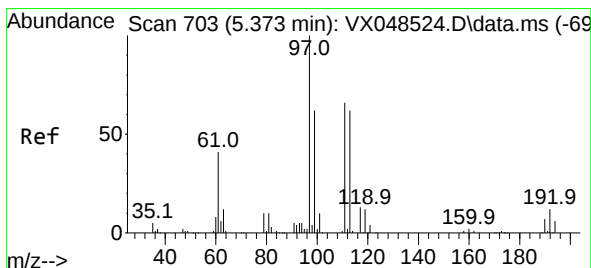
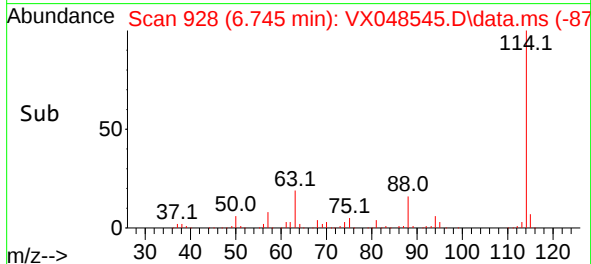
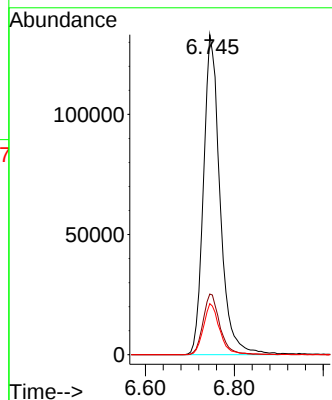
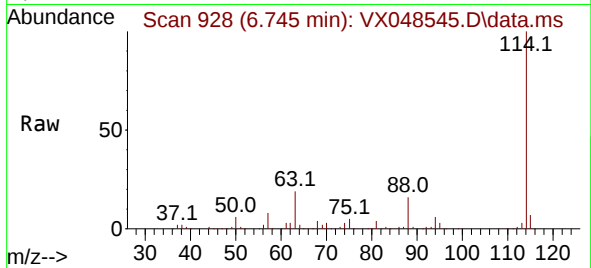




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

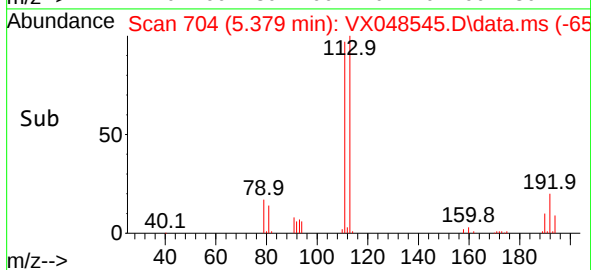
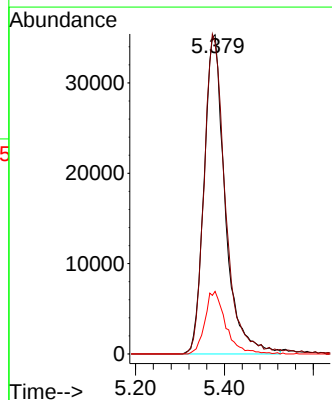
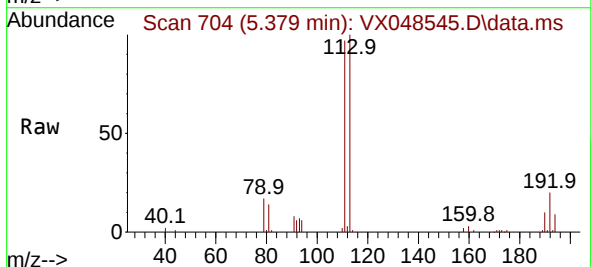
Instrument :
MSVOA_X
ClientSampleId :

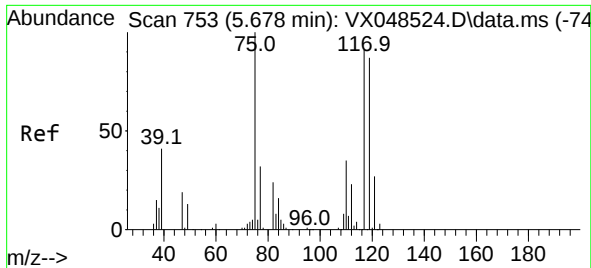
Tgt Ion:114 Resp: 345569
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.2
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.517 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion:113 Resp: 116434
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.5 15.8 23.6

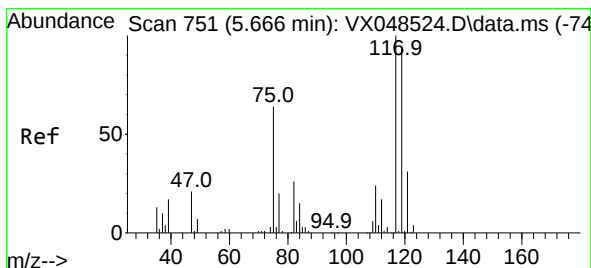
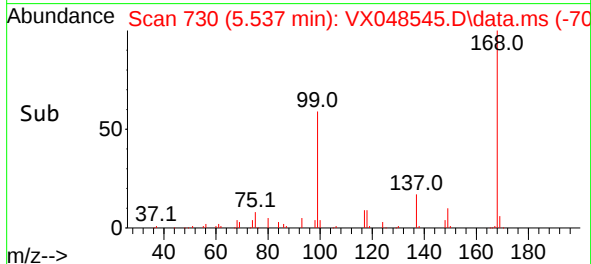
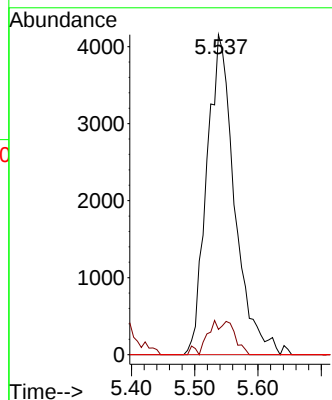
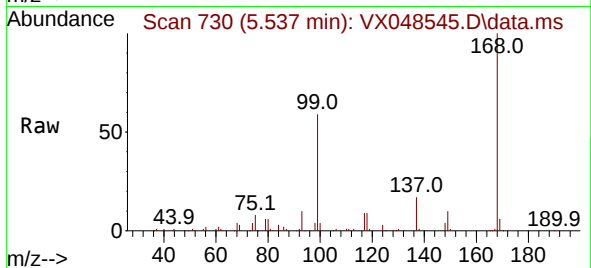




#36
1,1-Dichloropropene
Concen: 3.615 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

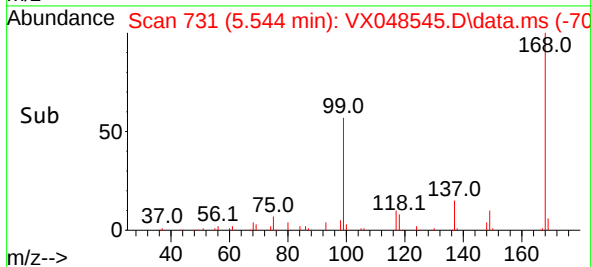
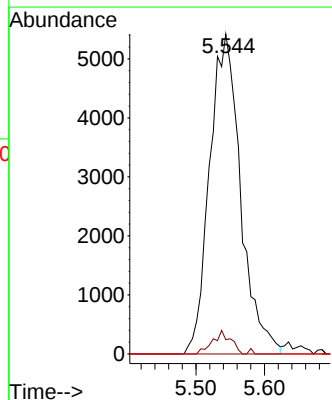
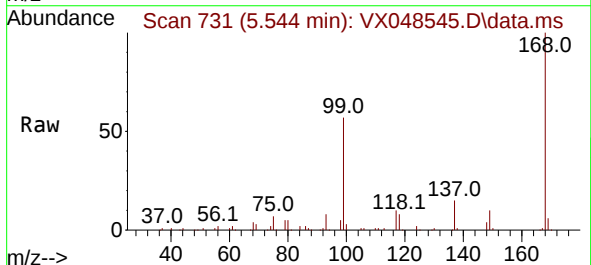
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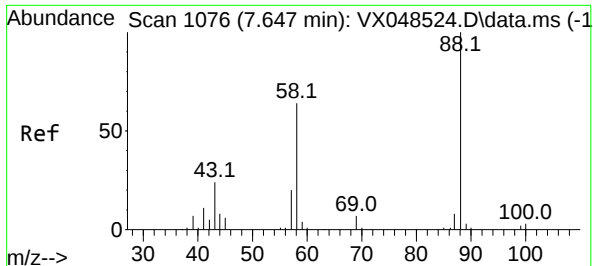
Tgt Ion: 75 Resp: 12662
Ion Ratio Lower Upper
75 100
110 4.9 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.273 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion: 117 Resp: 17034
Ion Ratio Lower Upper
117 100
119 4.4 74.5 111.7#
121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.236 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.018 min

Lab File: VX048545.D

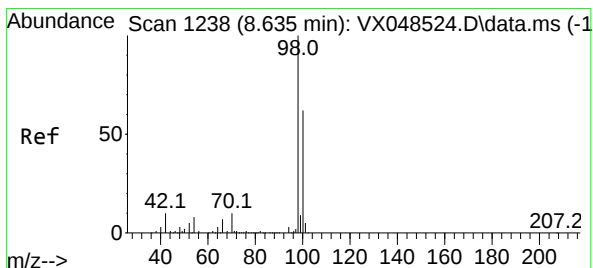
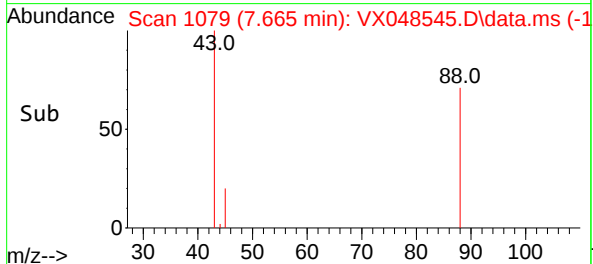
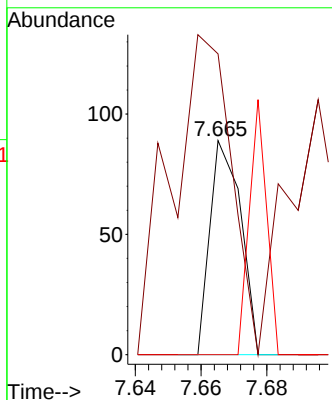
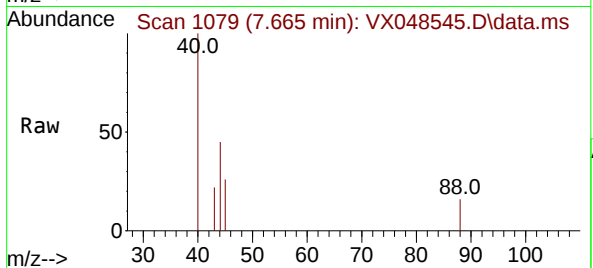
Acq: 10 Nov 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 58
Ion Ratio	Lower Upper
88	100
43	291.4 25.1 37.7#
58	0.0 56.7 85.1#



#50

Toluene-d8

Concen: 49.752 ug/l

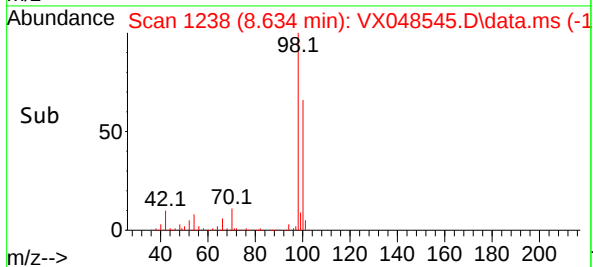
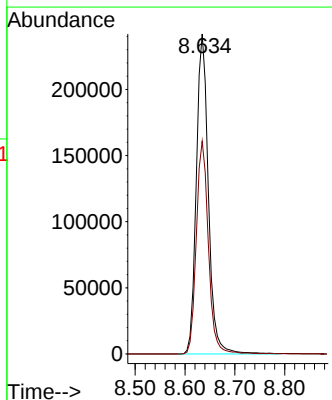
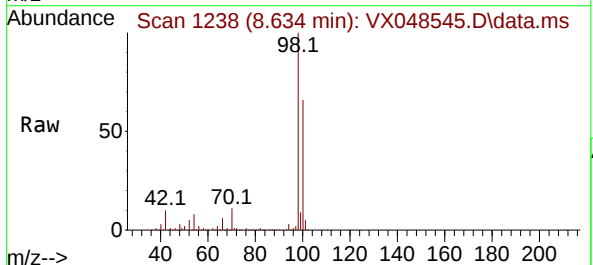
RT: 8.634 min Scan# 1238

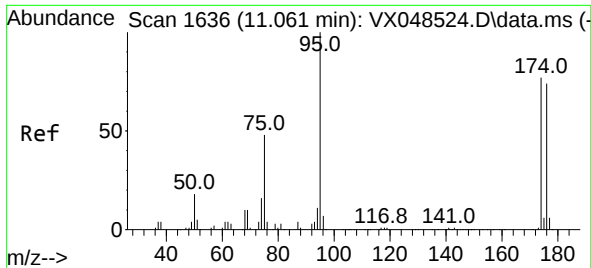
Delta R.T. -0.000 min

Lab File: VX048545.D

Acq: 10 Nov 2025 17:10

Tgt Ion: 98	Resp: 405839
Ion Ratio	Lower Upper
98	100
100	66.6 53.6 80.4

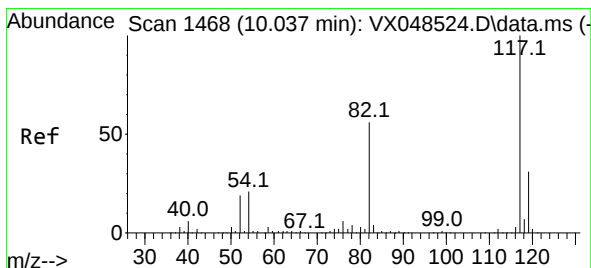
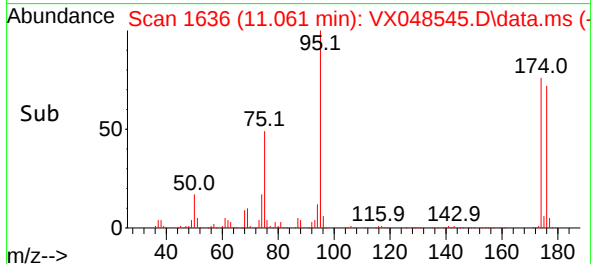
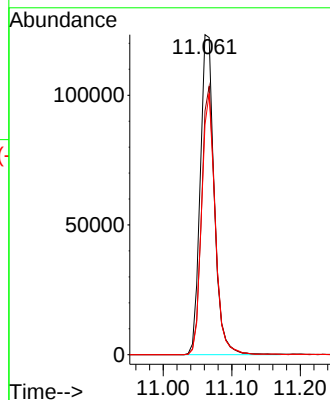
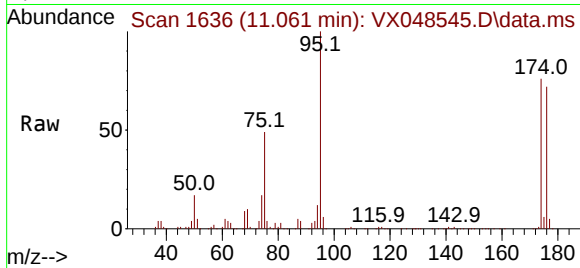




#62
4-Bromofluorobenzene
Concen: 57.693 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

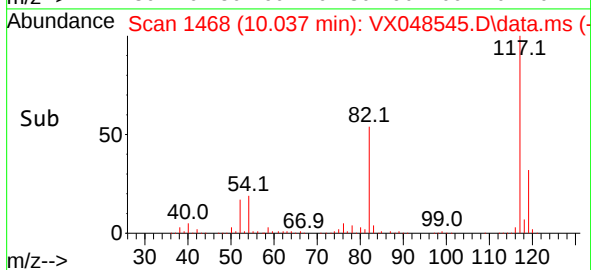
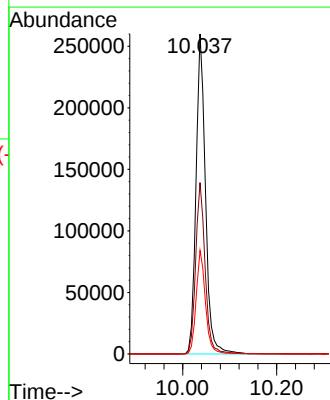
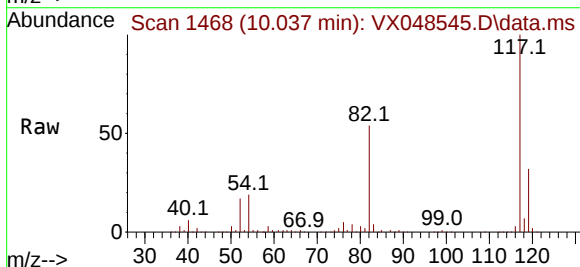
Instrument :
MSVOA_X
ClientSampleId :

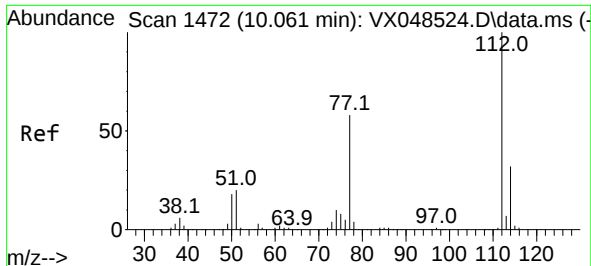
Tgt Ion: 95 Resp: 175384
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.8
176 79.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

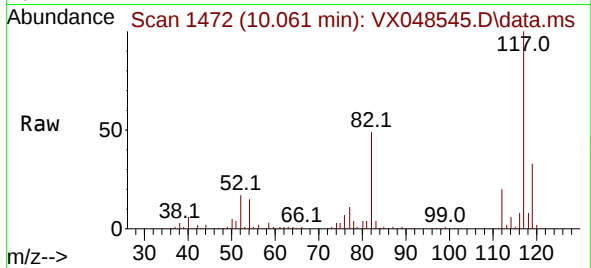
Tgt Ion: 117 Resp: 366760
Ion Ratio Lower Upper
117 100
82 53.5 44.4 66.6
119 32.4 25.1 37.7



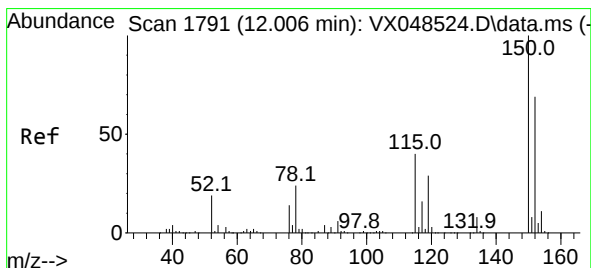
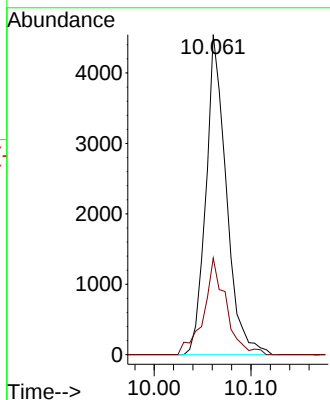
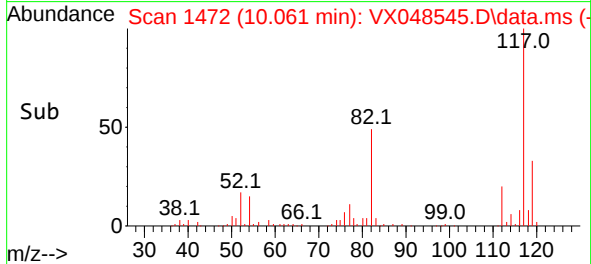


#65
Chlorobenzene
Concen: 0.766 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :

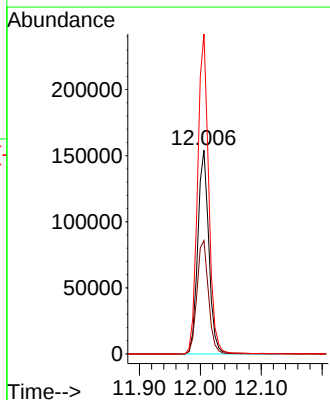
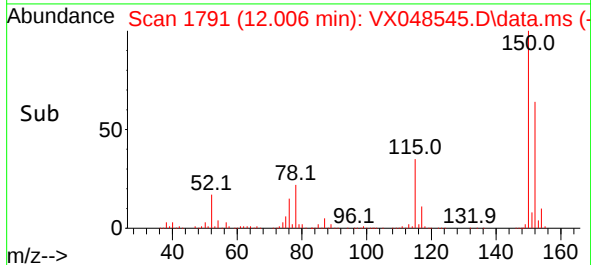
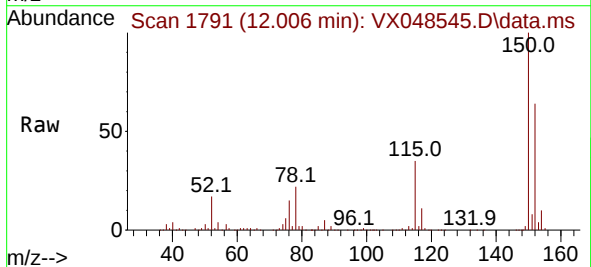


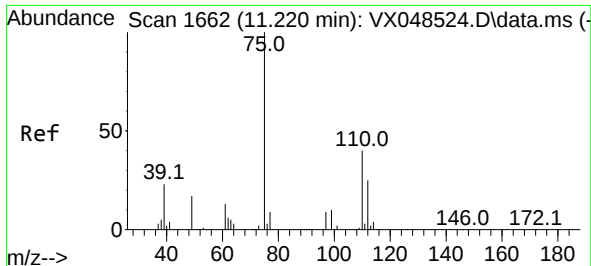
Tgt Ion:112 Resp: 6669
Ion Ratio Lower Upper
112 100
114 30.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion:152 Resp: 194556
Ion Ratio Lower Upper
152 100
115 58.0 39.2 117.6
150 157.1 0.0 347.0

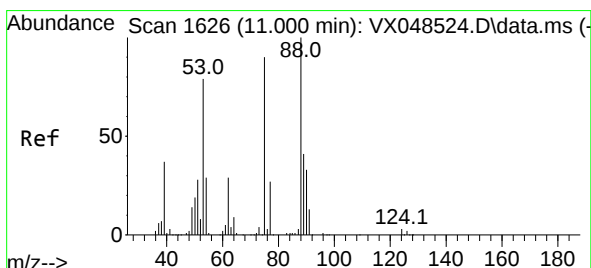
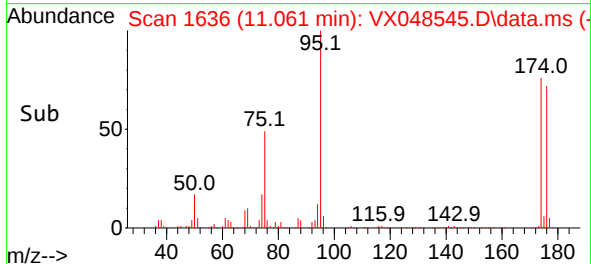
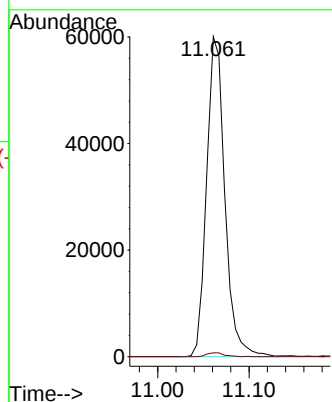
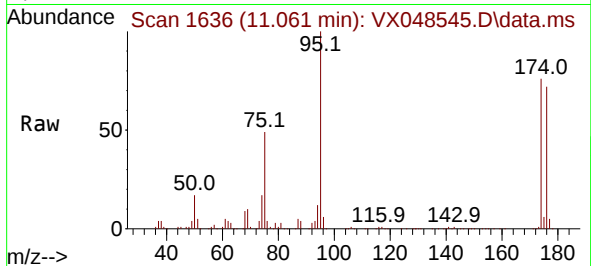




#76
1,2,3-Trichloropropane
Concen: 17.733 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83116
Ion Ratio Lower Upper
75 100
77 1.2 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.721 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048545.D
Acq: 10 Nov 2025 17:10

Tgt Ion: 75 Resp: 83116
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.1 43.6 65.4#

