

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047518.D
 Acq On : 25 Aug 2025 13:32
 Operator : JC/MD
 Sample : Q2903-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 26 00:38:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	298330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	594534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	232895	55.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.560%
35) Dibromofluoromethane	5.397	113	197024	51.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	690159	50.042	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	283680	55.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.480%

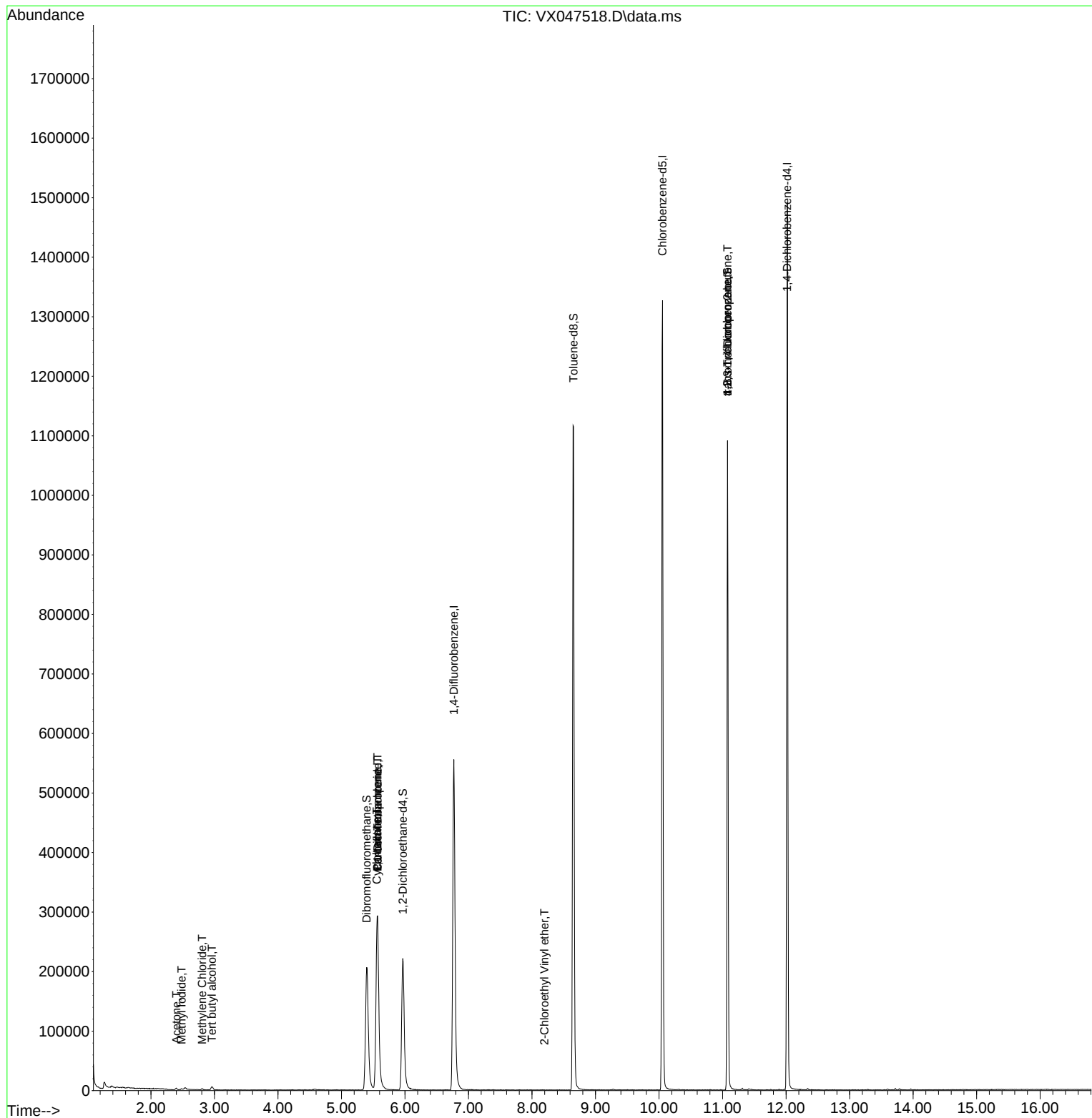
Target Compounds					Qvalue	
10) Methyl Iodide	2.483	142	2840	0.450	ug/l #	83
11) Tert butyl alcohol	2.959	59	2411	6.638	ug/l #	75
16) Acetone	2.398	43	3055	1.947	ug/l	100
20) Methylene Chloride	2.806	84	864	0.208	ug/l #	80
31) Cyclohexane	5.556	56	6894	1.026	ug/l #	13
36) 1,1-Dichloropropene	5.568	75	24748	4.063	ug/l #	50
38) Carbon Tetrachloride	5.568	117	31360	4.711	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.196	63	110	8.391	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	149712	27.678	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	149712	109.251	ug/l #	7

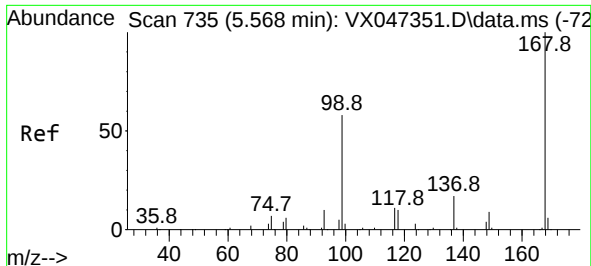
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



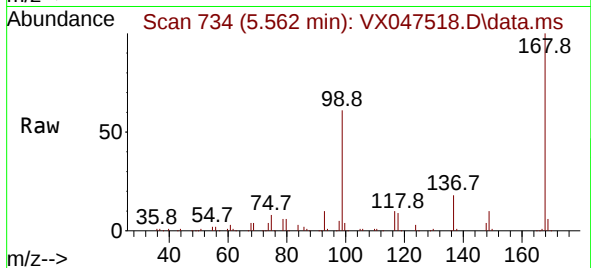


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

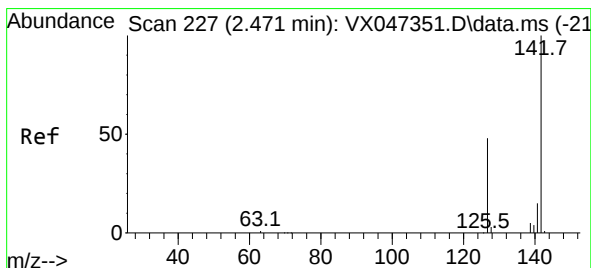
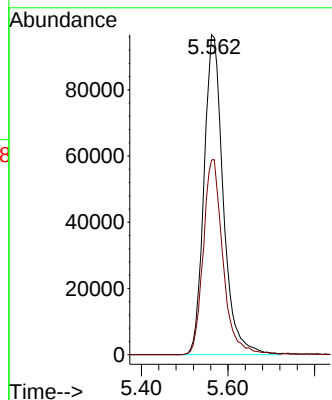
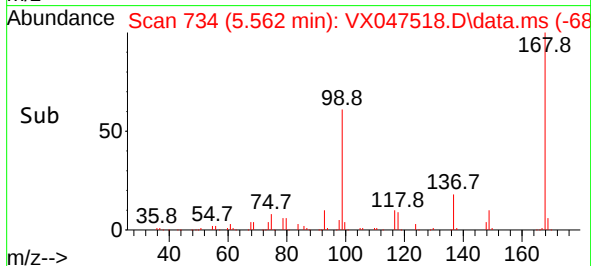
Instrument :

MSVOA_X

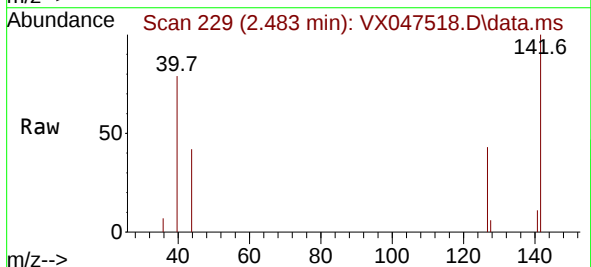
ClientSampleId :



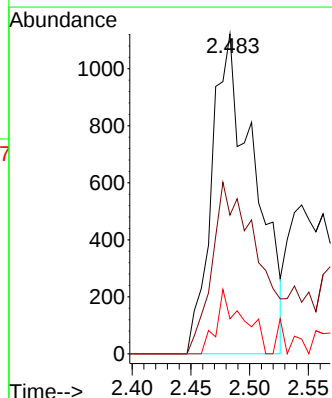
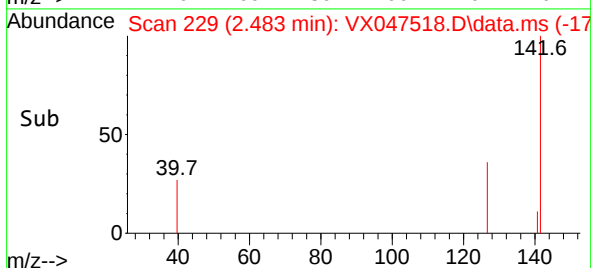
Tgt Ion:168 Resp: 298330
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9

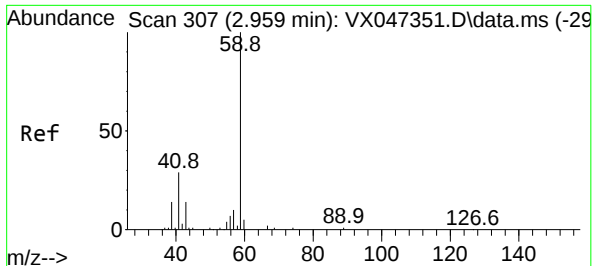


#10
Methyl Iodide
Concen: 0.450 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32



Tgt Ion:142 Resp: 2840
Ion Ratio Lower Upper
142 100
127 59.1 36.1 54.1#
141 12.6 11.1 16.7

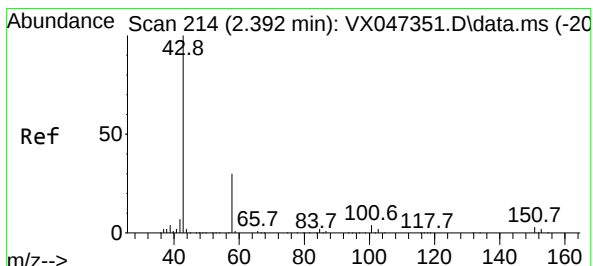
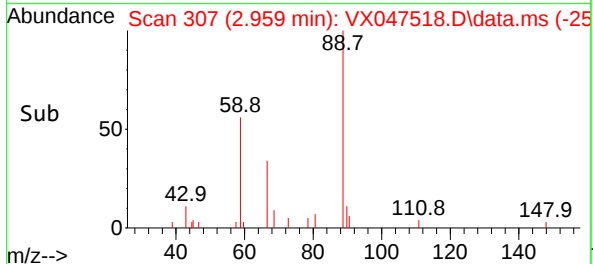
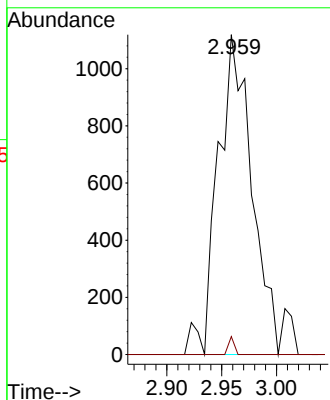
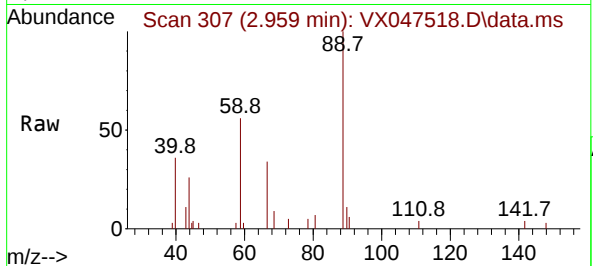




#11
Tert butyl alcohol
Concen: 6.638 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

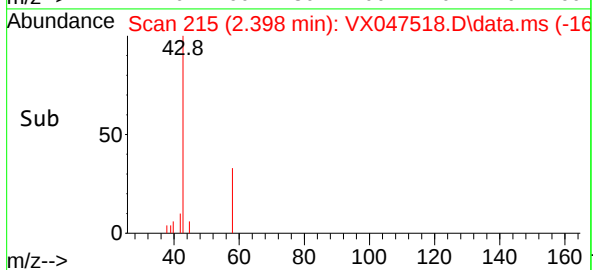
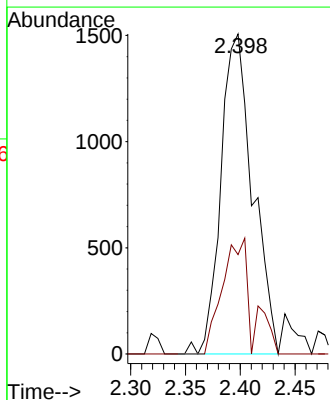
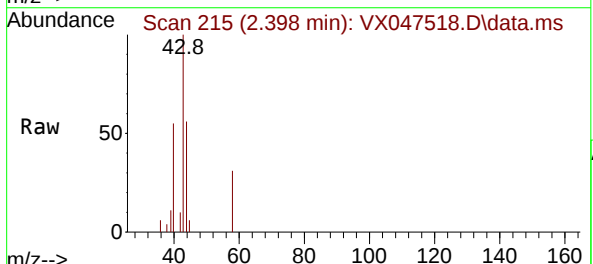
Instrument :
MSVOA_X
ClientSampleId :

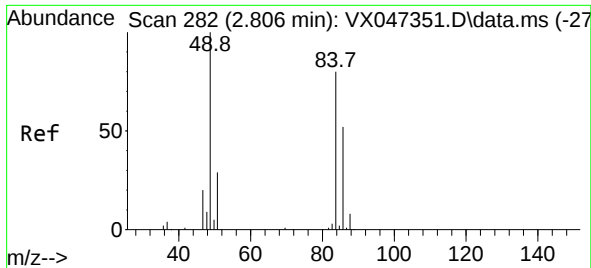
Tgt Ion: 59 Resp: 2411
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#



#16
Acetone
Concen: 1.947 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

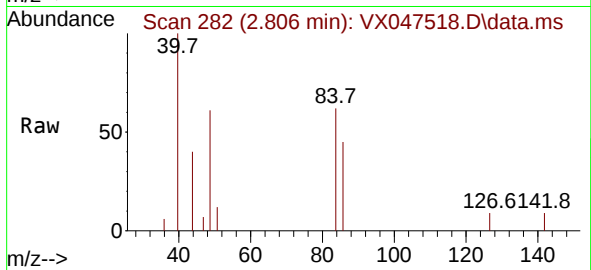
Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2



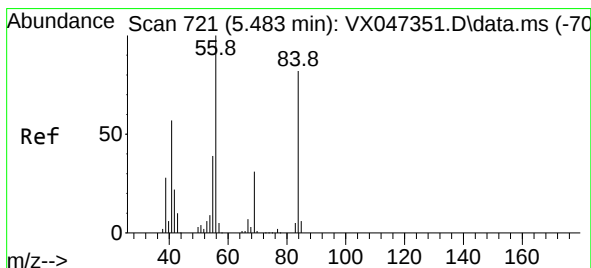
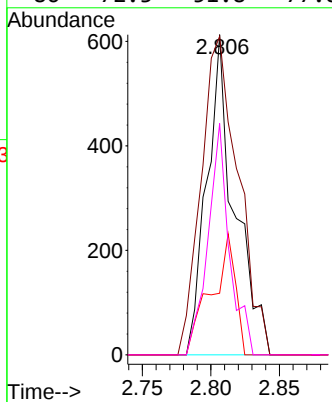
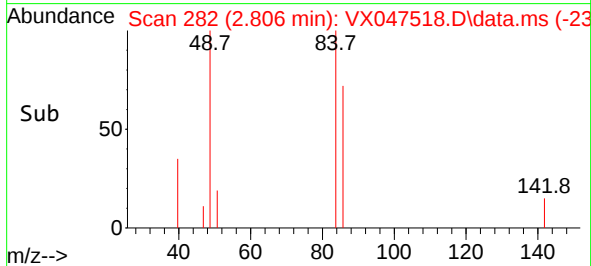


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :

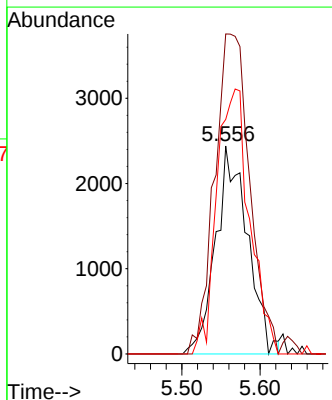
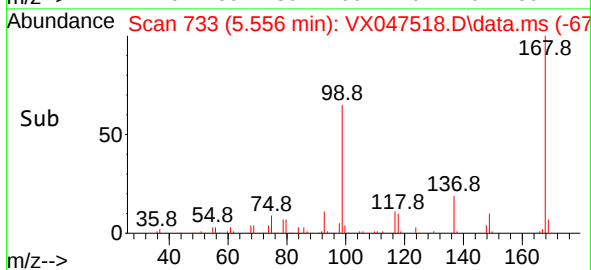
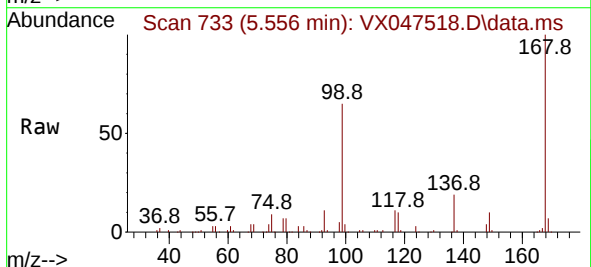


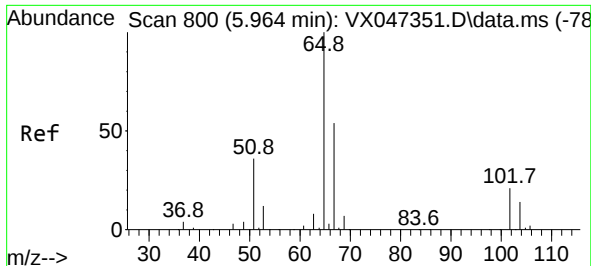
Tgt Ion:	84	Resp:	864
Ion	Ratio	Lower	Upper
84	100		
49	99.5	100.1	150.1#
51	19.2	29.5	44.3#
86	72.3	51.8	77.8



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion:	56	Resp:	6894
Ion	Ratio	Lower	Upper
56	100		
69	153.8	24.3	36.5#
84	112.8	65.3	97.9#

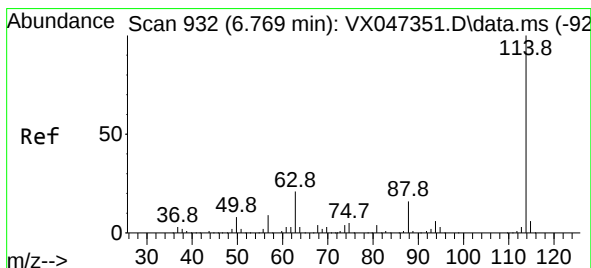
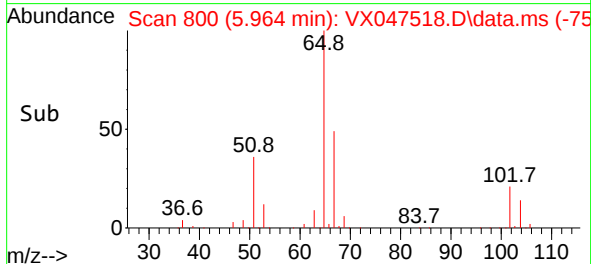
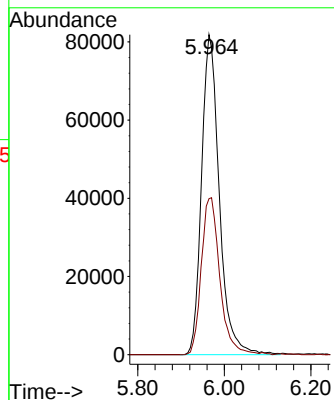
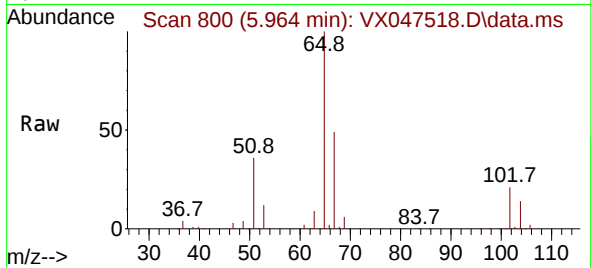




#33
 1,2-Dichloroethane-d4
 Concen: 55.780 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047518.D
 Acq: 25 Aug 2025 13:32

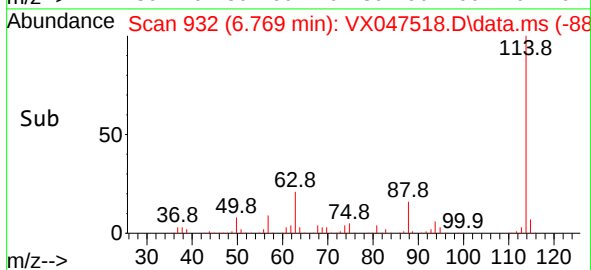
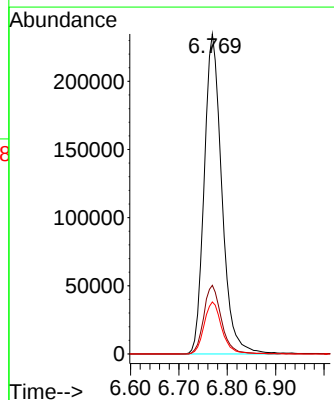
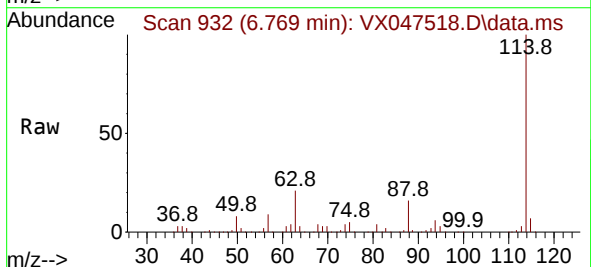
Instrument :
 MSVOA_X
 ClientSampleId :

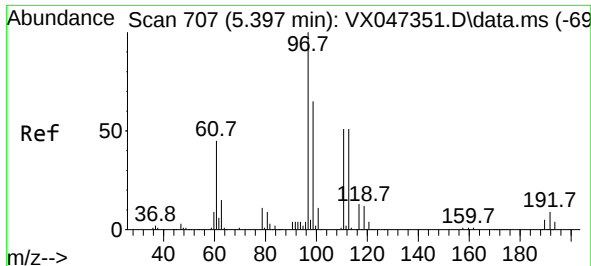
Tgt Ion: 65 Resp: 232895
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047518.D
 Acq: 25 Aug 2025 13:32

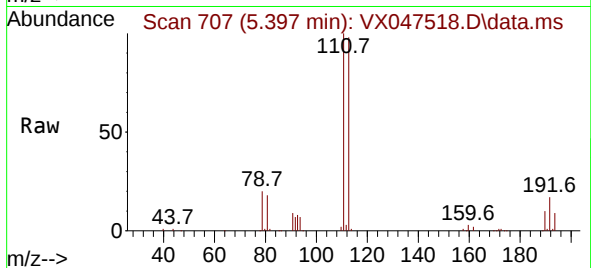
Tgt Ion: 114 Resp: 594534
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 16.2 0.0 33.0



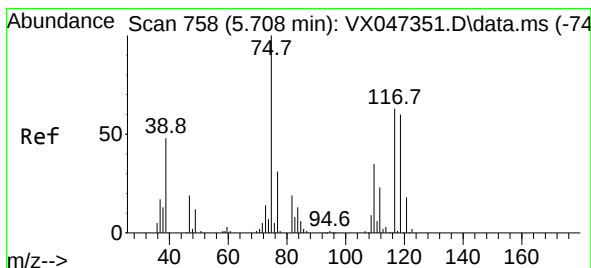
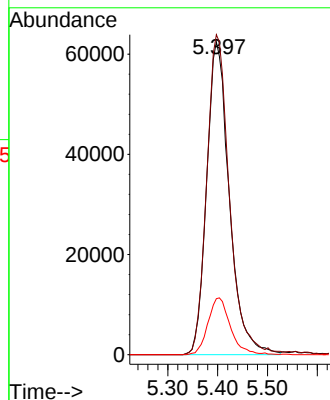
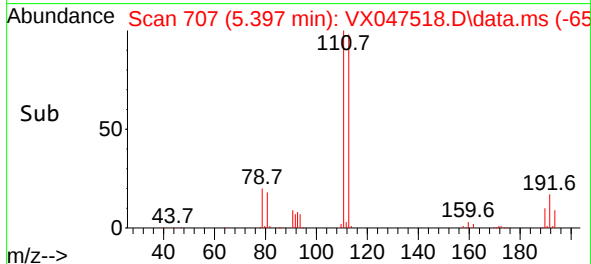


#35
Dibromofluoromethane
Concen: 51.061 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

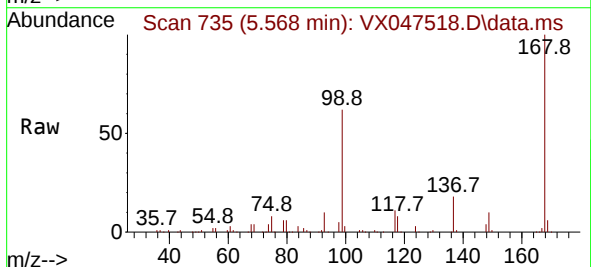
Instrument :
MSVOA_X
ClientSampleId :



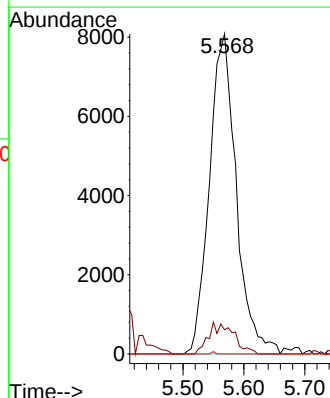
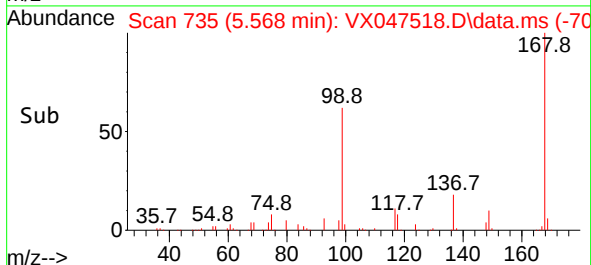
Tgt Ion:113 Resp: 197024
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 18.0 14.1 21.1

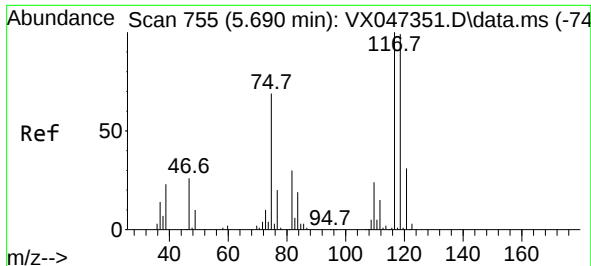


#36
1,1-Dichloropropene
Concen: 4.063 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.140 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32



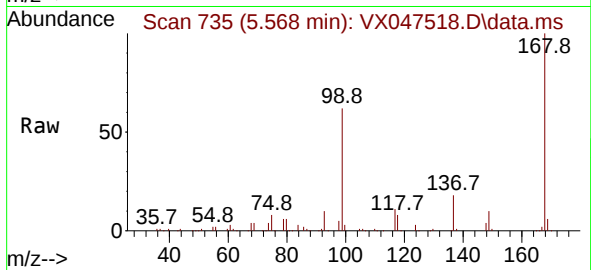
Tgt Ion: 75 Resp: 24748
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.2#
77 0.1 24.4 36.6#



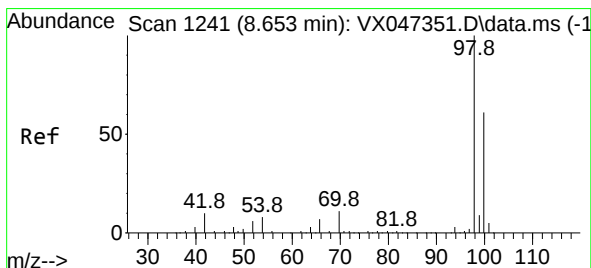
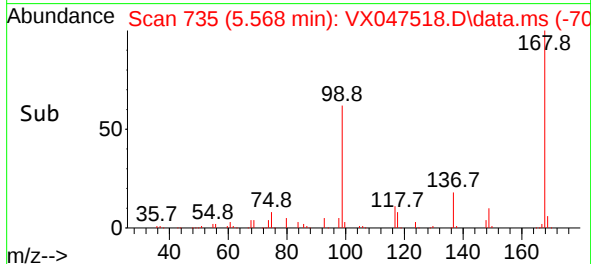
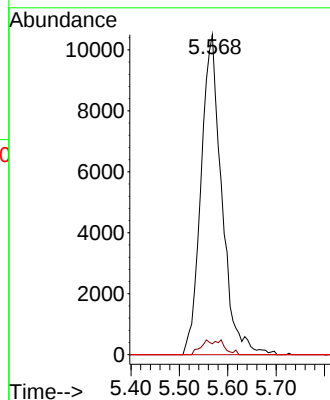


#38
Carbon Tetrachloride
Concen: 4.711 ug/l
RT: 5.568 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :

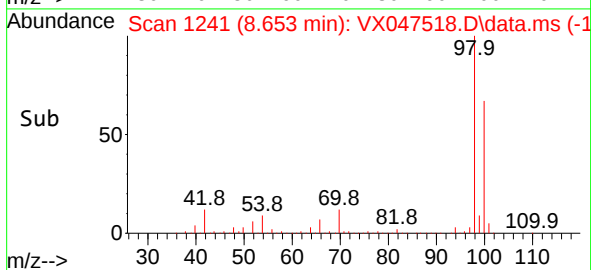
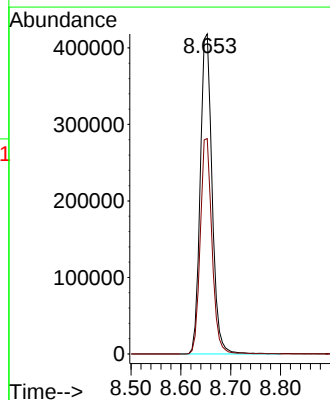
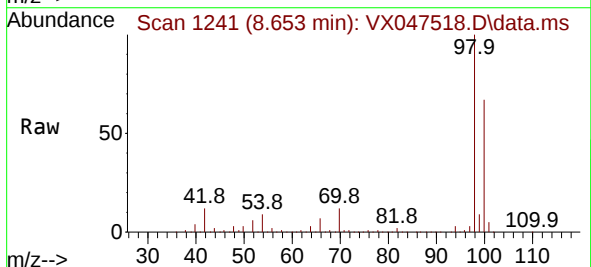


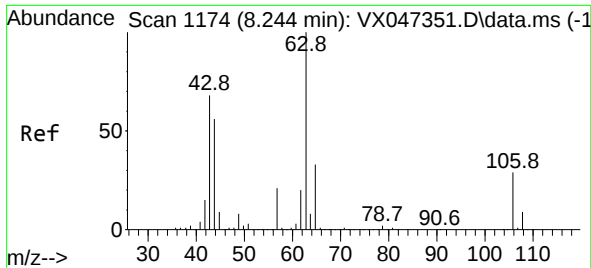
Tgt Ion:117 Resp: 31360
Ion Ratio Lower Upper
117 100
119 3.4 78.5 117.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion: 98 Resp: 690159
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9

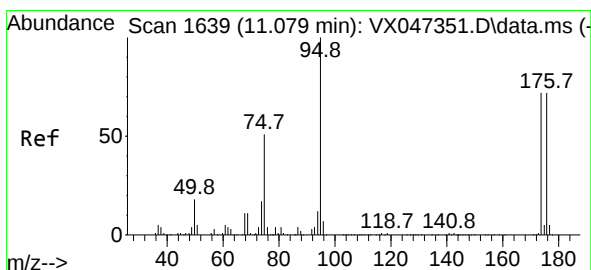
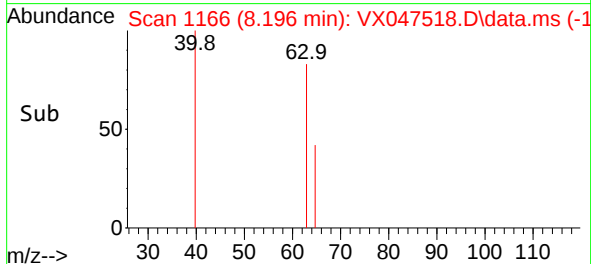
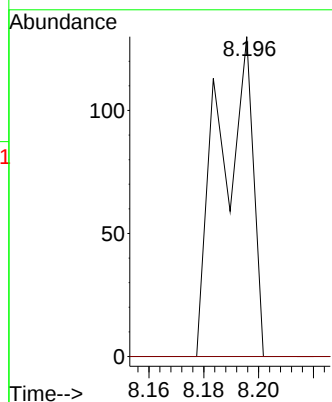
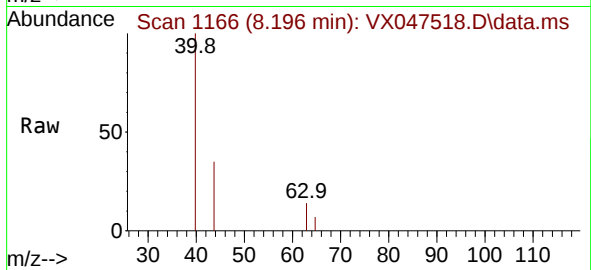




#58
2-Chloroethyl Vinyl ether
Concen: 8.391 ug/l
RT: 8.196 min Scan# 1166
Delta R.T. -0.049 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

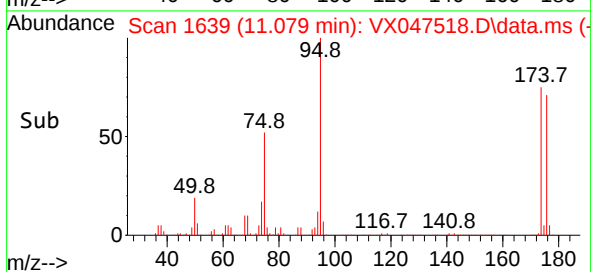
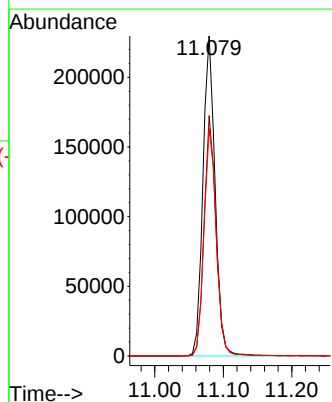
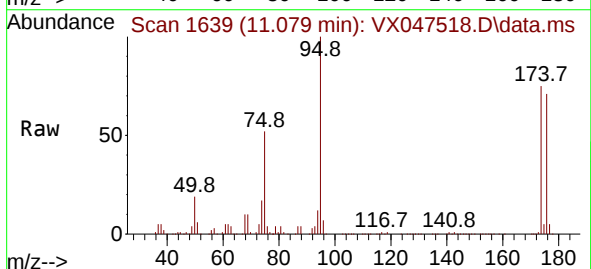
Instrument :
MSVOA_X
ClientSampleId :

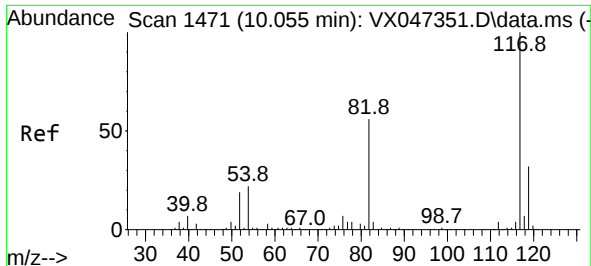
Tgt Ion: 63 Resp: 110
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#62
4-Bromofluorobenzene
Concen: 55.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

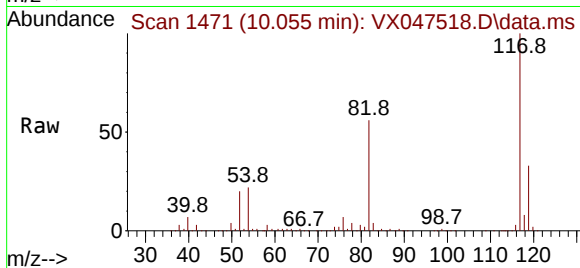
Tgt Ion: 95 Resp: 283680
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.4 0.0 145.4



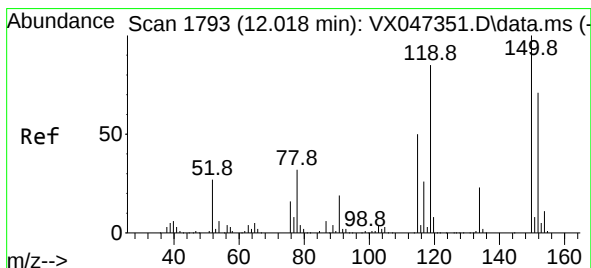
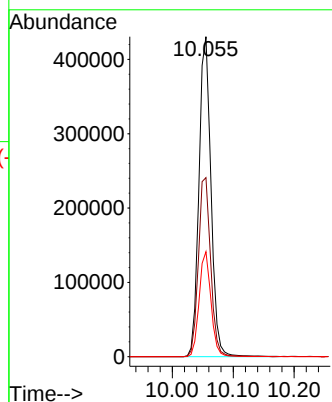
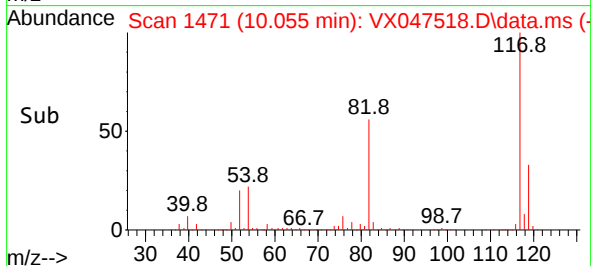


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :

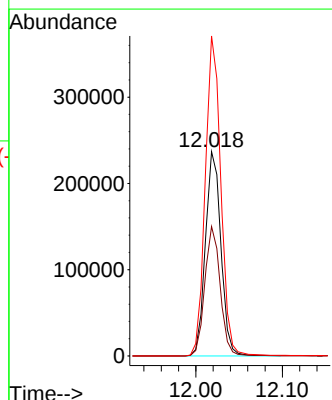
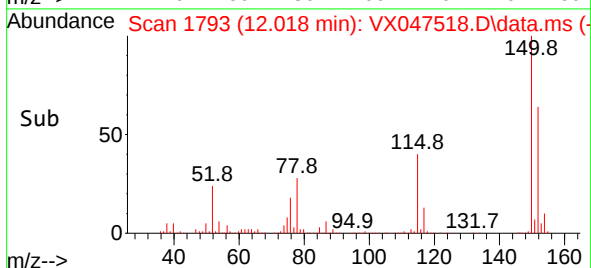
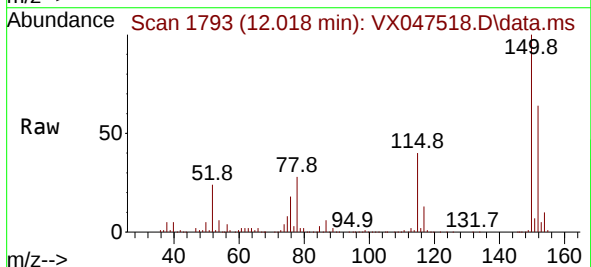


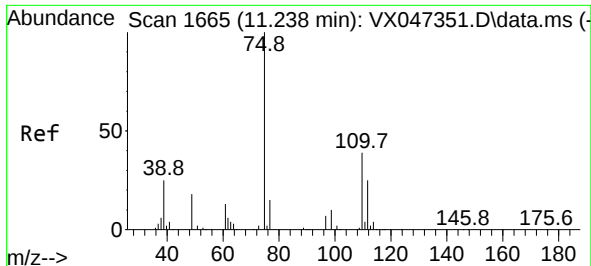
Tgt Ion:117 Resp: 589303
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion:152 Resp: 294917
Ion Ratio Lower Upper
152 100
115 63.0 44.6 133.8
150 157.4 0.0 349.8

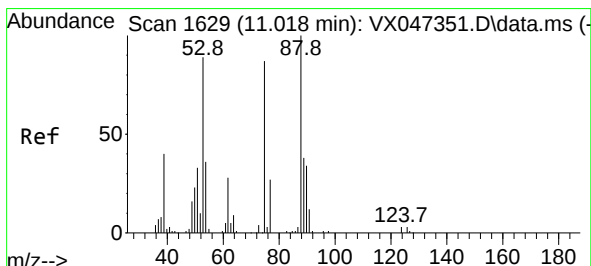
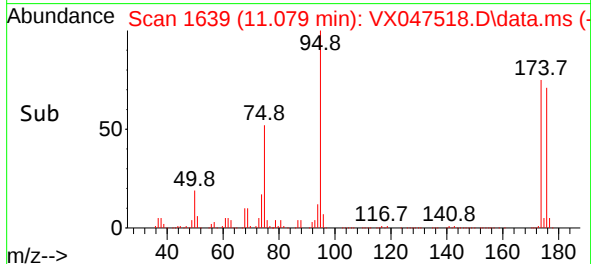
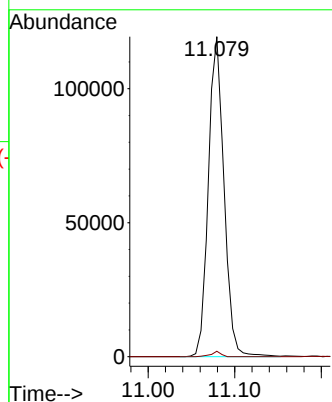
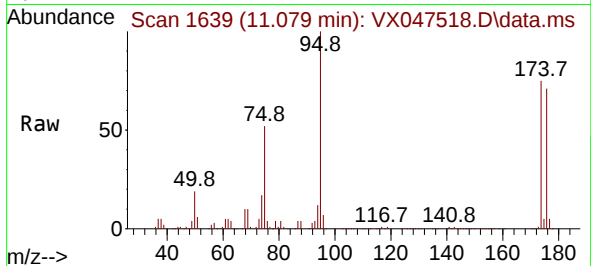




#76
1,2,3-Trichloropropane
Concen: 27.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 149712
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047518.D
Acq: 25 Aug 2025 13:32

Tgt Ion: 75 Resp: 149712
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#

