

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047311.D
 Acq On : 13 Aug 2025 11:02
 Operator : JC/MD
 Sample : VX0813WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

Quant Time: Aug 14 03:24:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

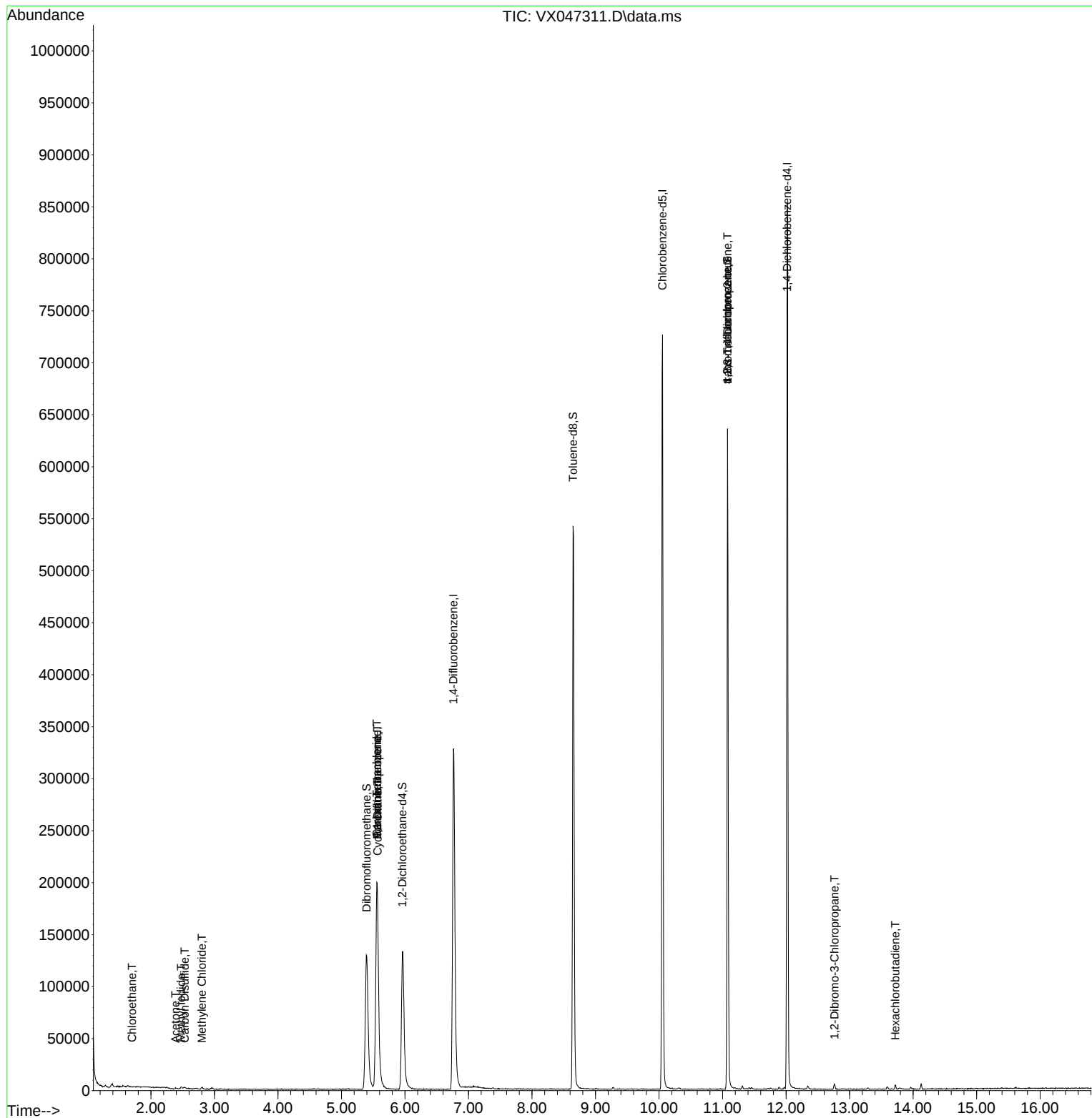
Internal Standards						
1) Pentafluorobenzene	5.562	168	202155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145798	57.897	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.800%			
35) Dibromofluoromethane	5.397	113	126048	56.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.380%			
50) Toluene-d8	8.647	98	338862	47.061	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.120%			
62) 4-Bromofluorobenzene	11.079	95	166185	53.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.120%			
Target Compounds			Qvalue			
6) Chloroethane	1.703	64	406	0.217	ug/l #	43
10) Methyl Iodide	2.477	142	3087	1.181	ug/l #	85
11) Tert butyl alcohol	2.977	59	227	Below Cal	#	72
16) Acetone	2.386	43	1127	1.117	ug/l #	66
17) Carbon Disulfide	2.532	76	1843	0.251	ug/l #	90
20) Methylene Chloride	2.800	84	733	0.264	ug/l #	62
31) Cyclohexane	5.568	56	4637	0.985	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	16548	4.366	ug/l #	47
38) Carbon Tetrachloride	5.556	117	20903	5.167	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	86992	27.240	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86992	70.182	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	12.762	75	243	0.326	ug/l #	2
94) Hexachlorobutadiene	13.719	225	584	0.438	ug/l	88

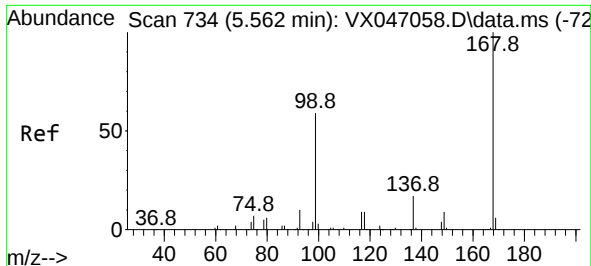
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
Data File : VX047311.D
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Sample : VX0813WBL01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Quant Time: Aug 14 03:24:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

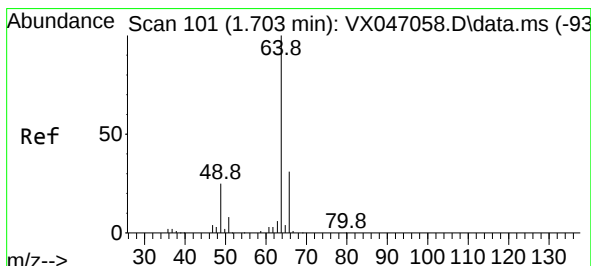
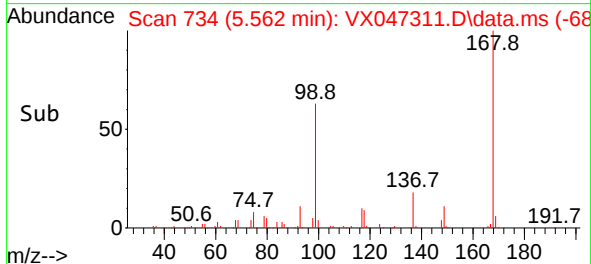
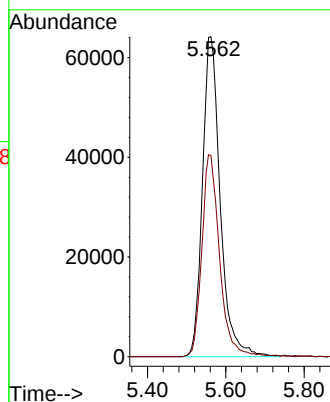
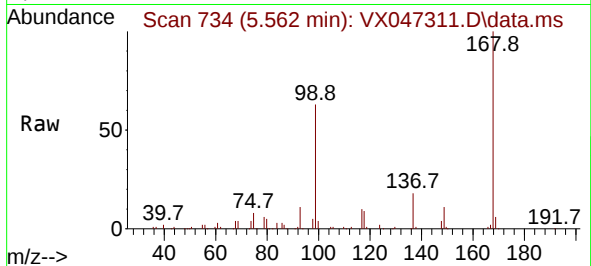




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

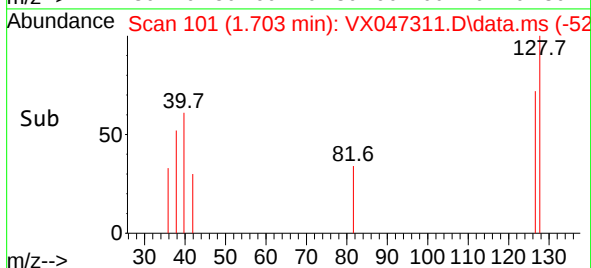
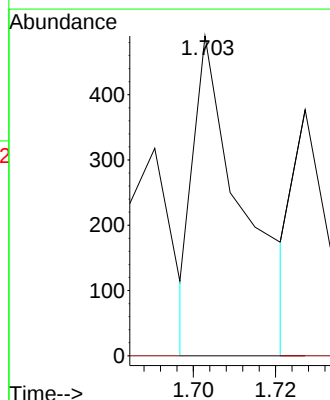
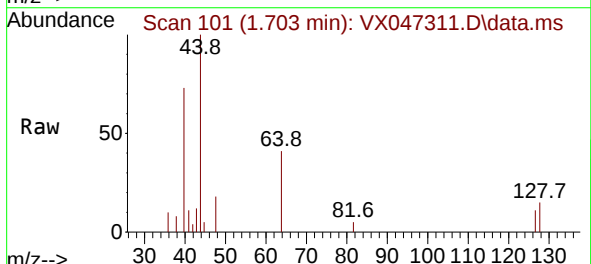
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

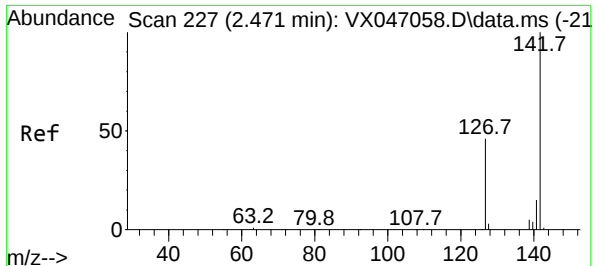
Tgt Ion:168 Resp: 202155
Ion Ratio Lower Upper
168 100
99 62.9 48.0 72.0



#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

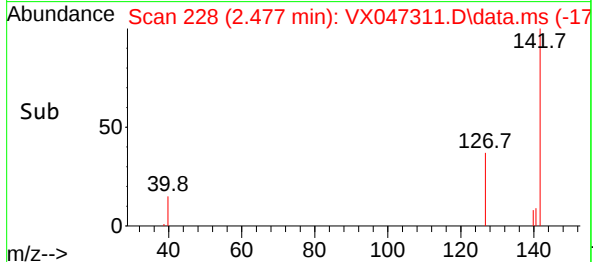
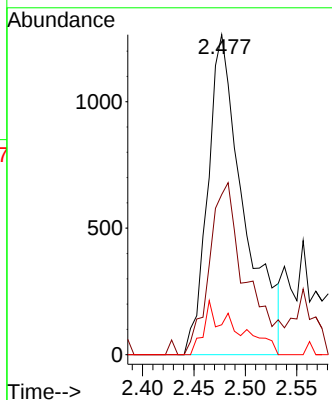
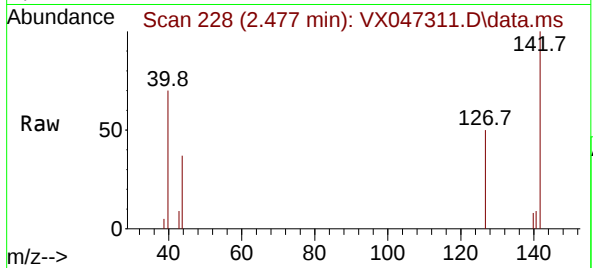




#10
Methyl Iodide
Concen: 1.181 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

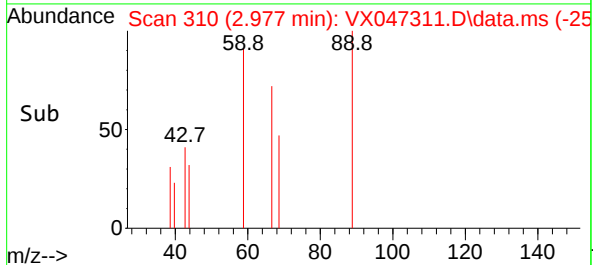
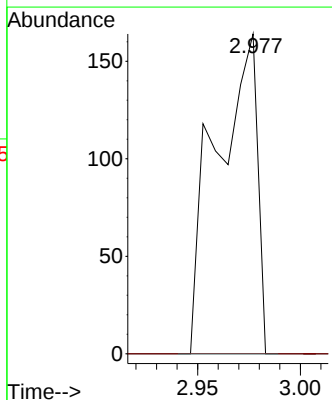
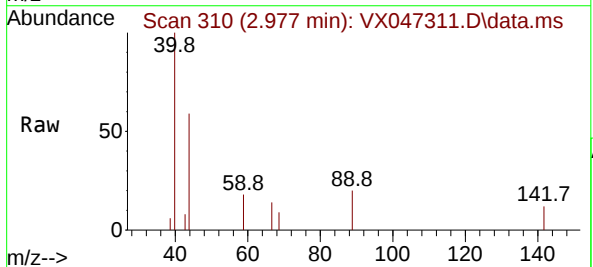
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Tgt Ion:142 Resp: 3087
Ion Ratio Lower Upper
142 100
127 55.4 36.6 54.8#
141 6.8 10.9 16.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.019 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

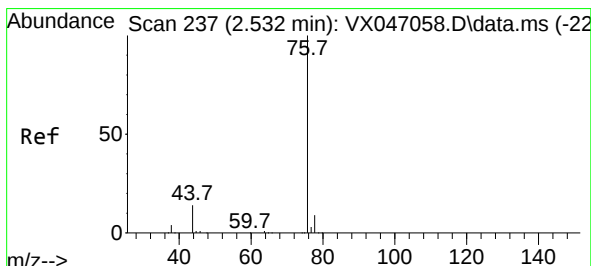
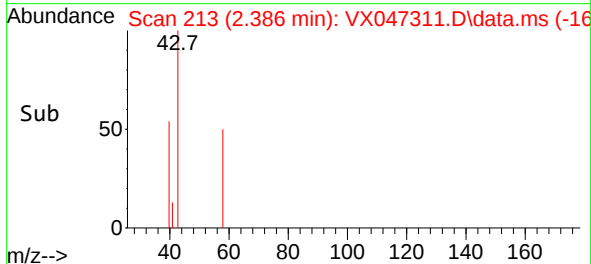
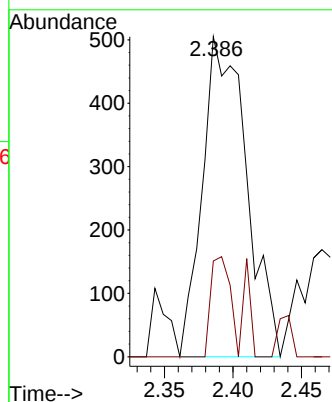
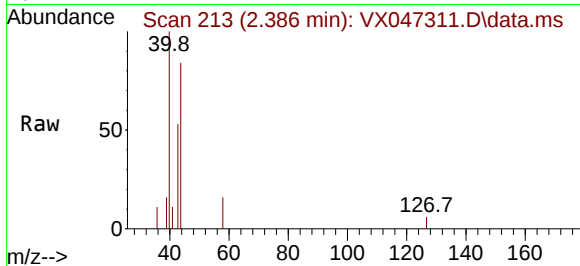




#16
Acetone
Concen: 1.117 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

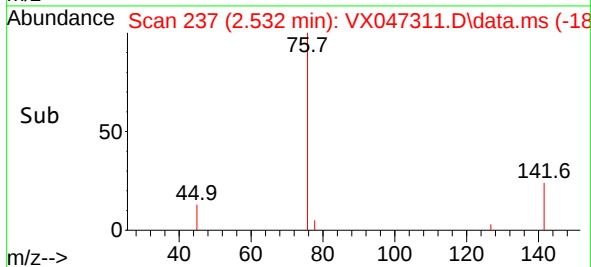
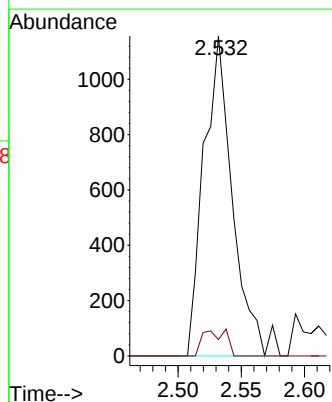
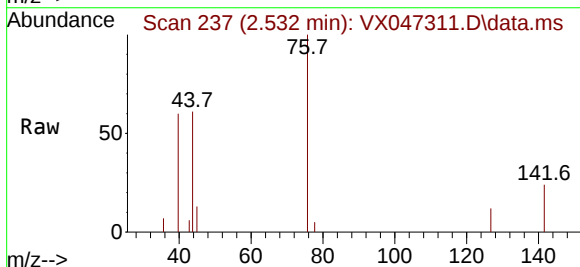
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

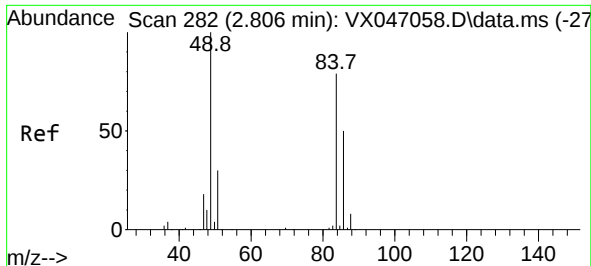
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 11.5 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 76 Resp: 1843
Ion Ratio Lower Upper
76 100
78 5.1 7.0 10.4#

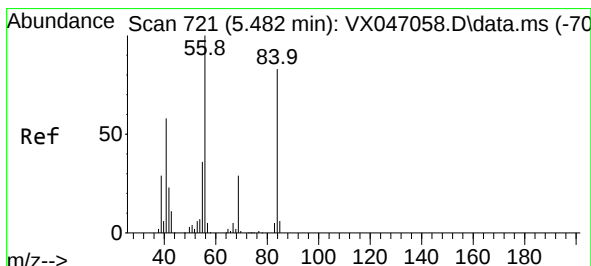
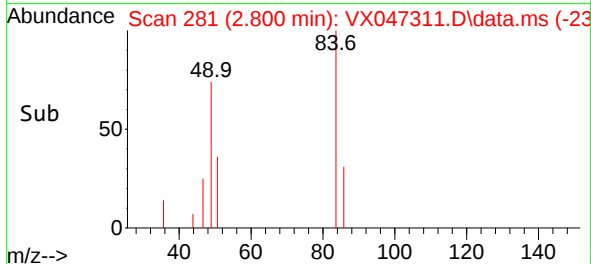
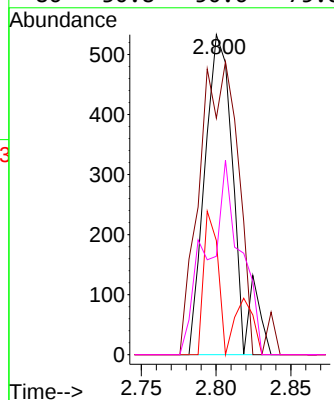
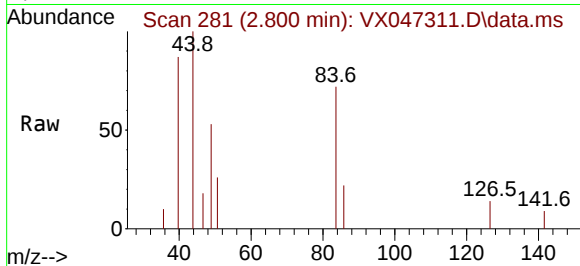




#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

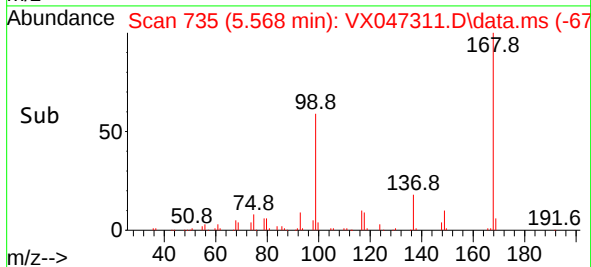
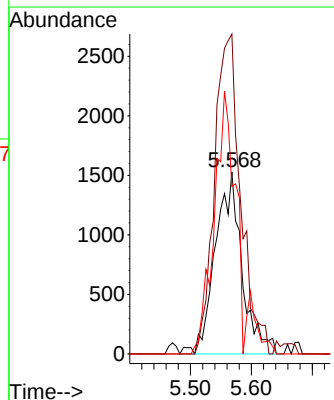
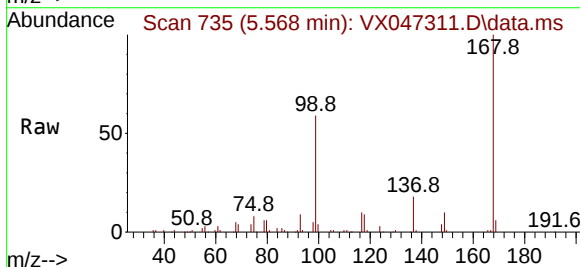
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

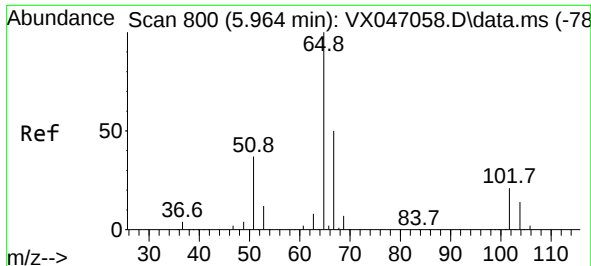
Tgt Ion:	84	Resp:	733
Ion	Ratio	Lower	Upper
84	100		
49	73.9	101.6	152.4#
51	35.6	30.3	45.5
86	30.8	50.6	75.8#



#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.086 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion:	56	Resp:	4637
Ion	Ratio	Lower	Upper
56	100		
69	175.9	23.3	34.9#
84	92.2	66.5	99.7

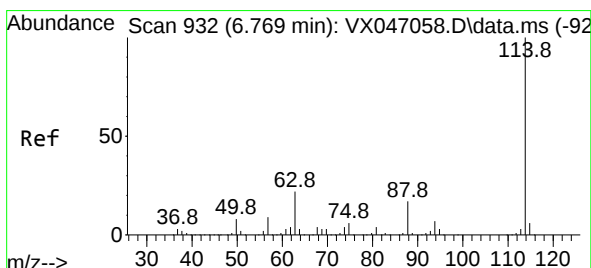
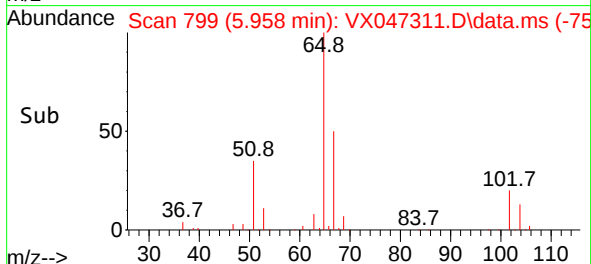
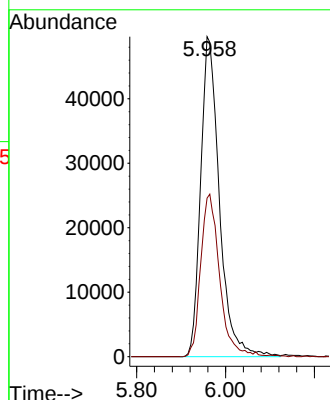
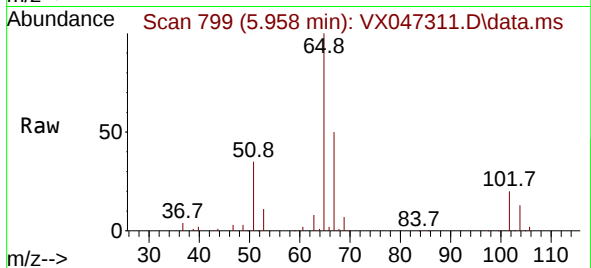




#33
 1,2-Dichloroethane-d4
 Concen: 57.897 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

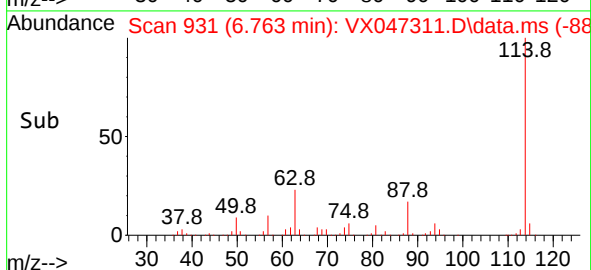
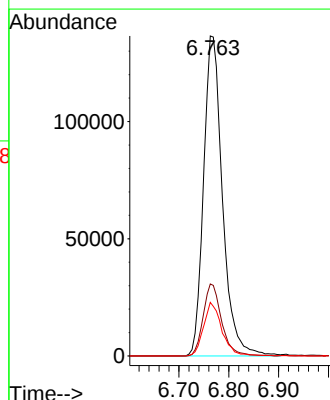
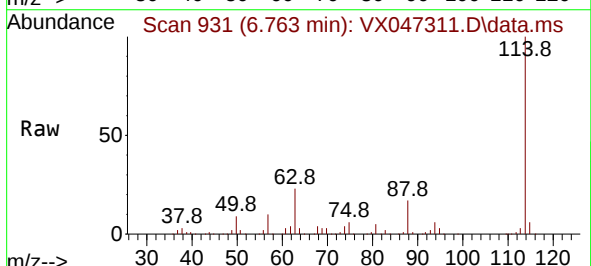
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

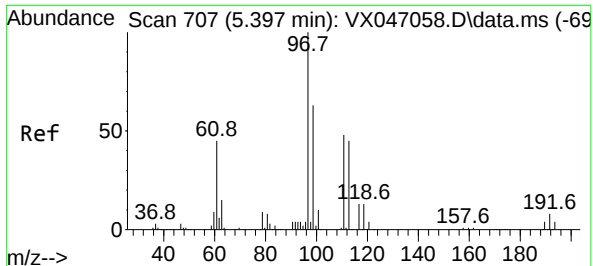
Tgt Ion: 65 Resp: 145798
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

Tgt Ion: 114 Resp: 360108
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.691 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047311.D

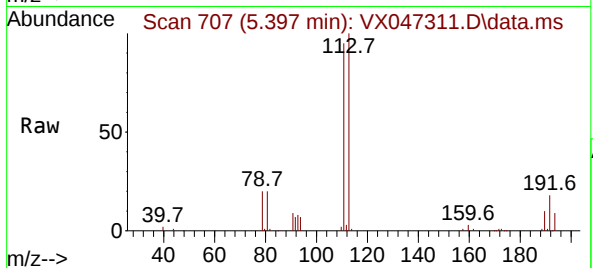
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Instrument :

MSVOA_X

ClientSampleId :

VX0813WBL01



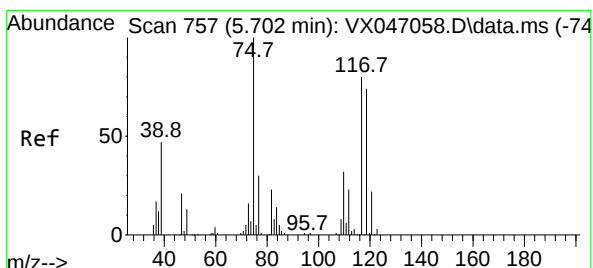
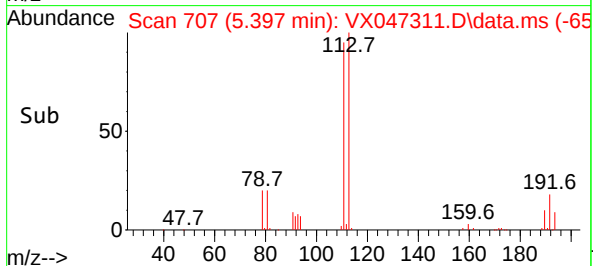
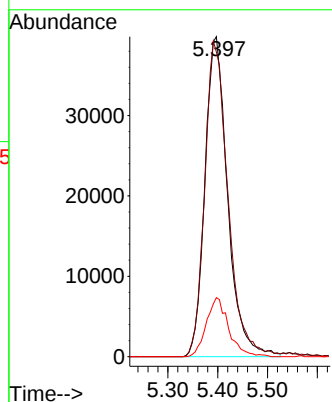
Tgt Ion:113 Resp: 126048

Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.366 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX047311.D

Acq: 13 Aug 2025 11:02

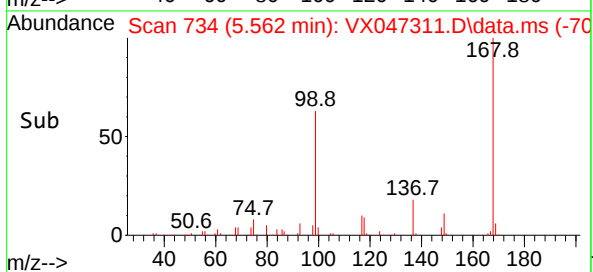
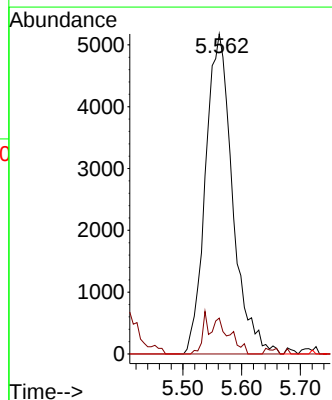
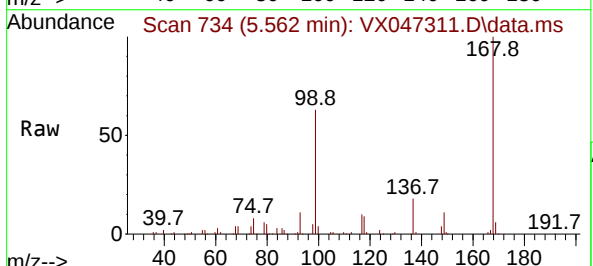
Tgt Ion: 75 Resp: 16548

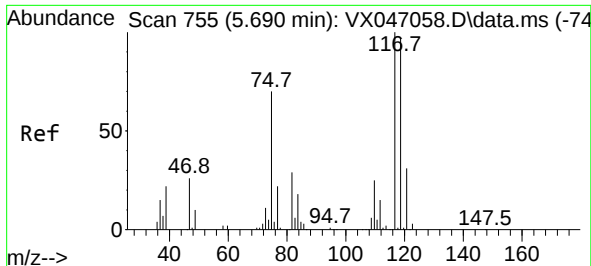
Ion Ratio Lower Upper

75 100

110 6.3 17.2 51.5#

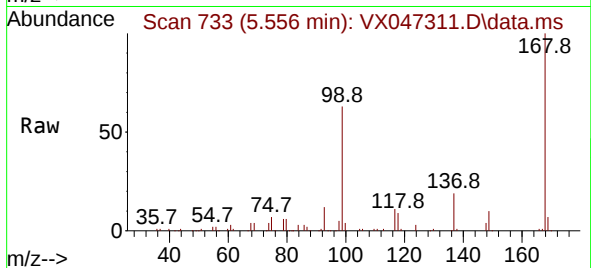
77 0.0 25.1 37.7#



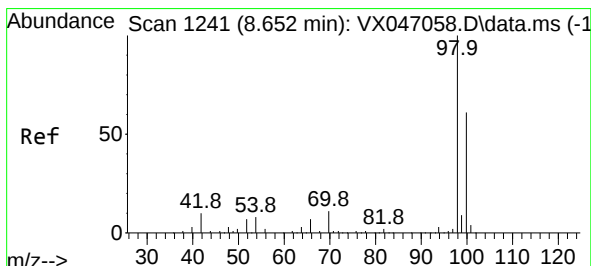
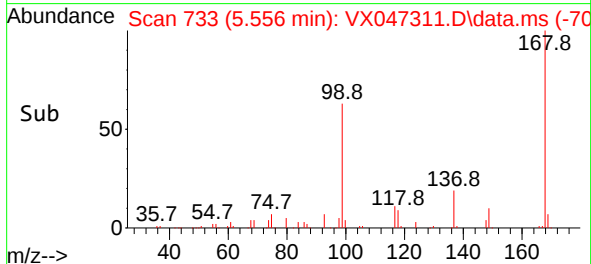
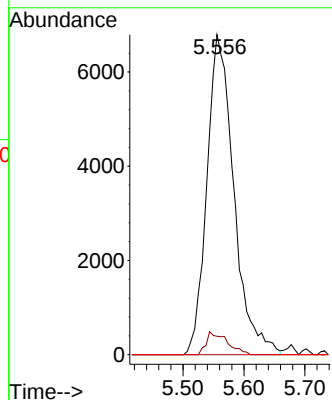


#38
Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

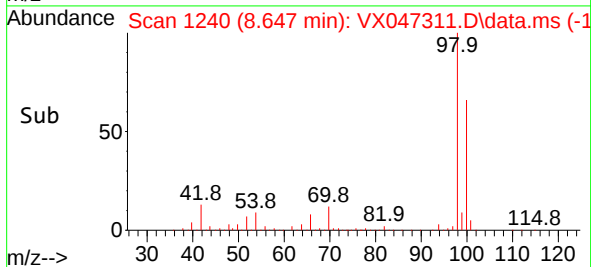
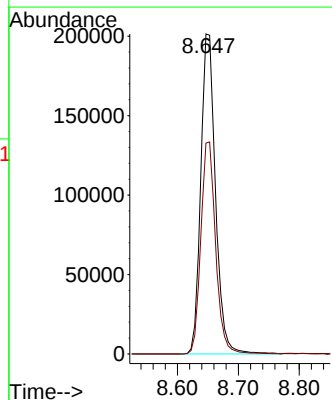
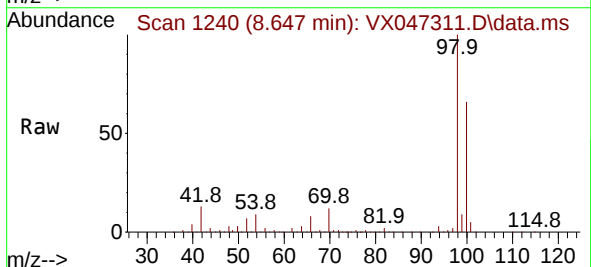


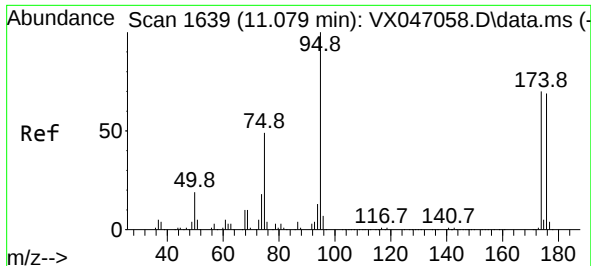
Tgt Ion:117 Resp: 20903
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.061 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 98 Resp: 338862
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9

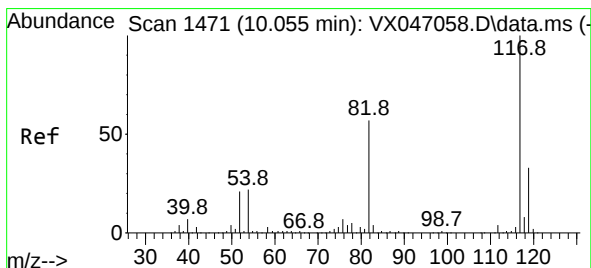
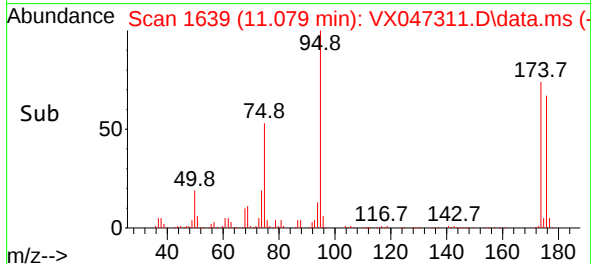
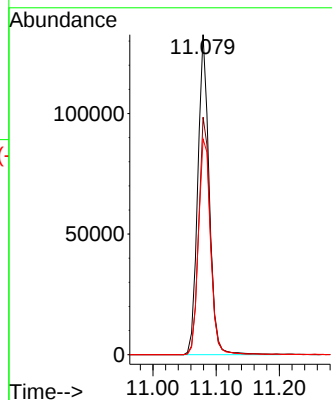
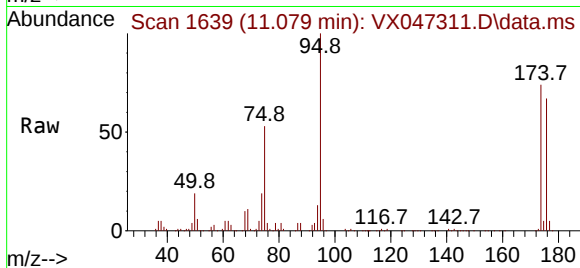




#62
4-Bromofluorobenzene
Concen: 53.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

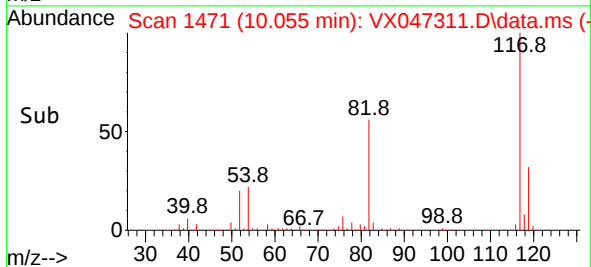
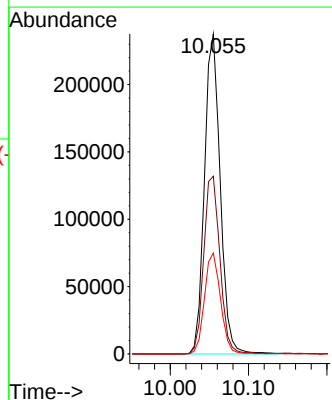
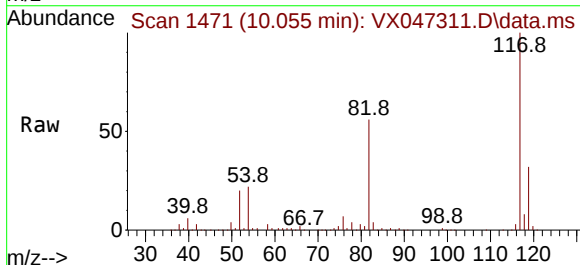
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

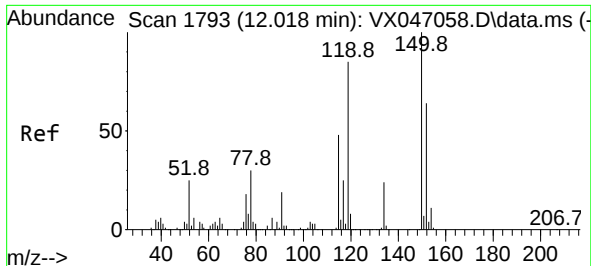
Tgt Ion: 95 Resp: 166185
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.6
176 71.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 117 Resp: 331541
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.6 26.1 39.1

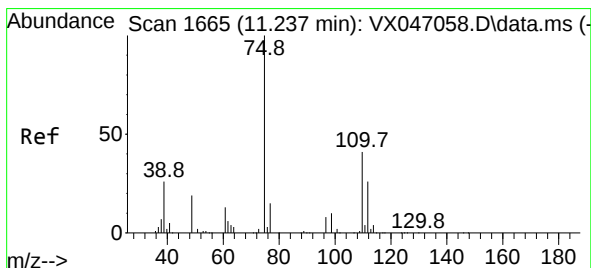
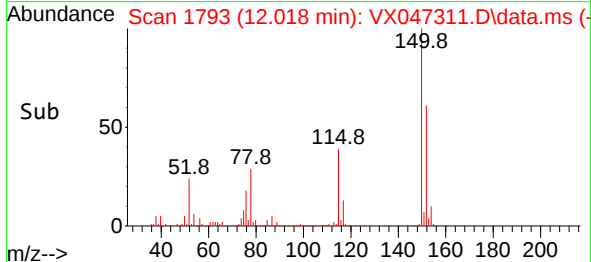
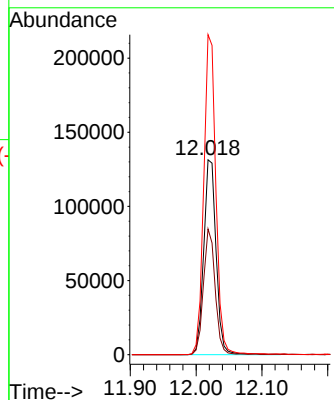
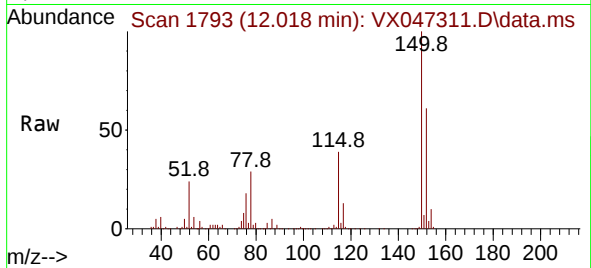




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

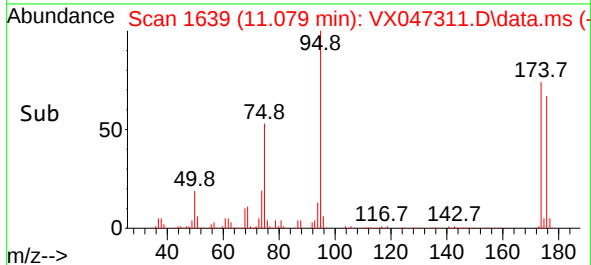
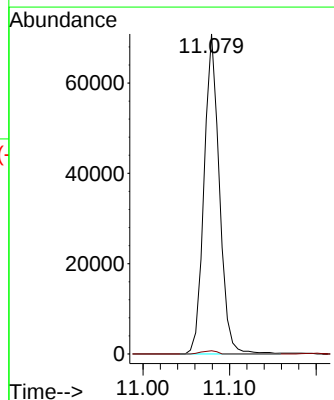
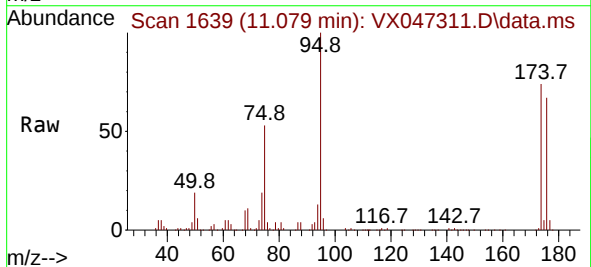
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

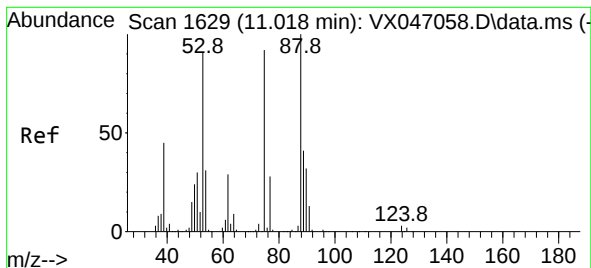
Tgt Ion:152 Resp: 172532
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.6 136.7
 150 160.3 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 27.240 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

Tgt Ion: 75 Resp: 86992
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 65.0#

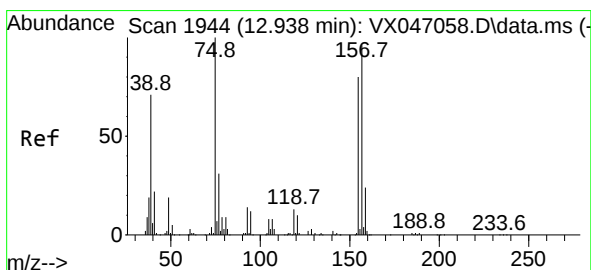
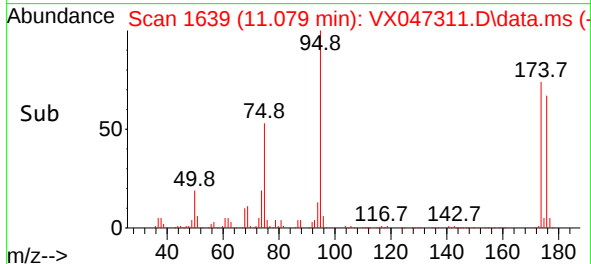
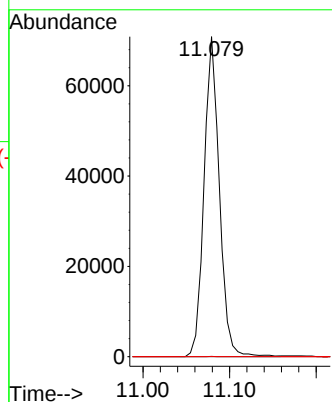
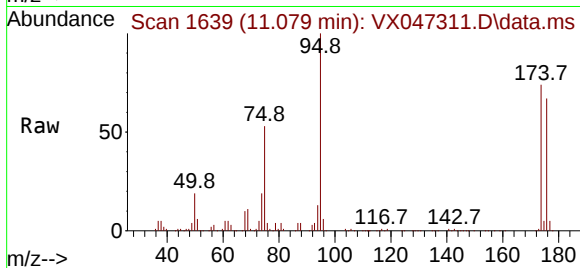




#81
trans-1,4-Dichloro-2-butene
Concen: 70.182 ug/l
RT: 11.079 min Scan# 1107
Delta R.T. 0.061 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

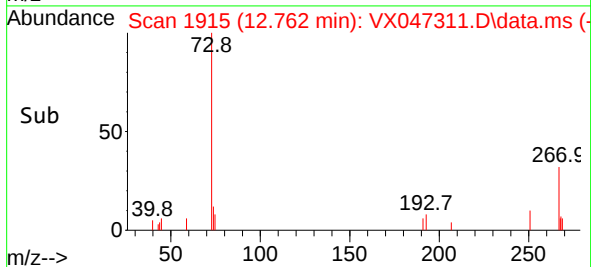
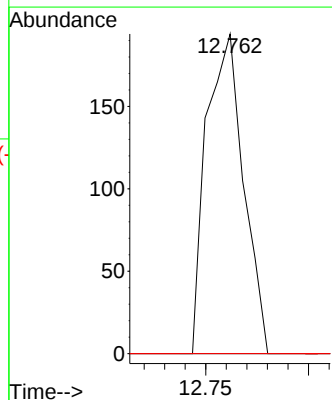
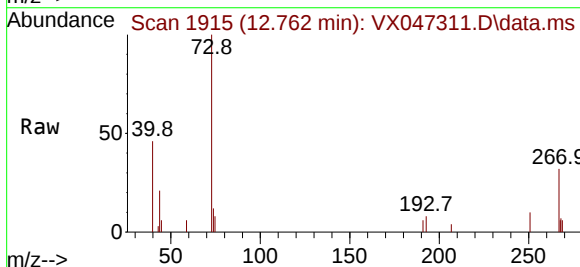
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

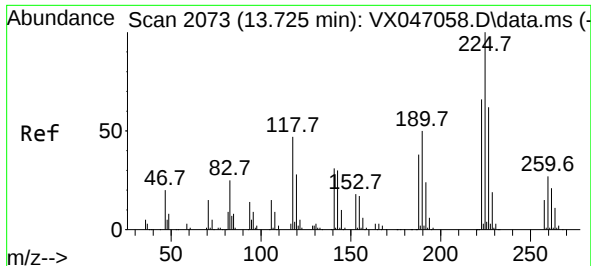
Tgt Ion: 75 Resp: 86992
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.326 ug/l
RT: 12.762 min Scan# 1915
Delta R.T. -0.177 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

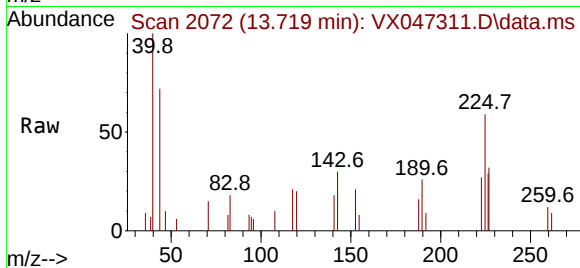
Tgt Ion: 75 Resp: 243
Ion Ratio Lower Upper
75 100
155 0.0 41.3 124.1#
157 0.0 52.8 158.3#





#94
 Hexachlorobutadiene
 Concen: 0.438 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01



Tgt Ion:	225	Resp:	584
Ion	Ratio	Lower	Upper
225	100		
223	53.8	31.6	95.0
227	75.3	32.9	98.6

