

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046845.D
 Acq On : 01 Jul 2025 09:20
 Operator : JC/MD
 Sample : VX0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:38:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

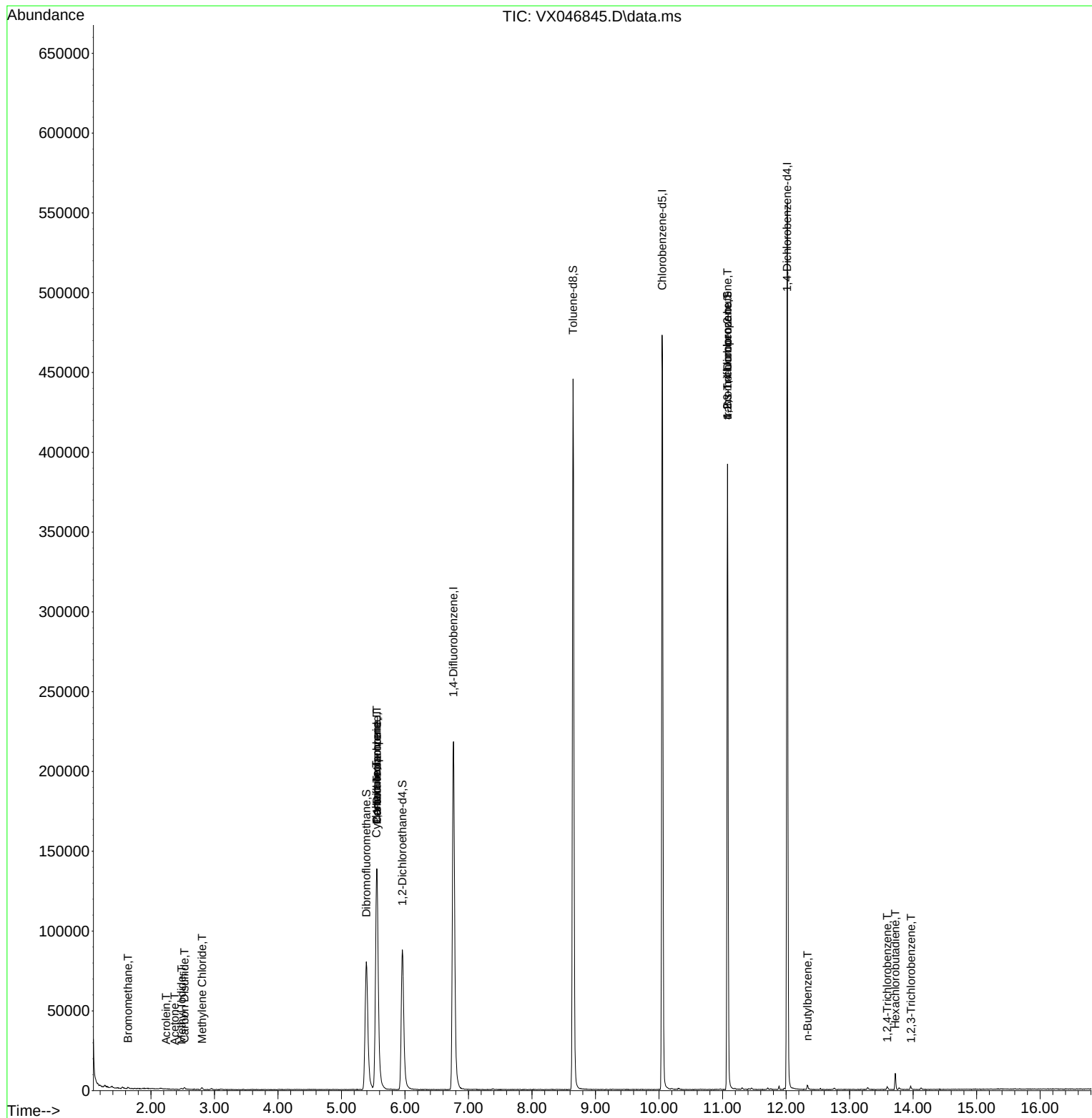
Internal Standards						
1) Pentafluorobenzene	5.556	168	145396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	219206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92023	45.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.520%
35) Dibromofluoromethane	5.391	113	76582	47.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	272242	47.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.079	95	106155	49.570	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	447	0.445	ug/l #	75
10) Methyl Iodide	2.483	142	842	4.703	ug/l #	85
13) Acrolein	2.239	56	57	0.217	ug/l #	15
16) Acetone	2.373	43	343	0.511	ug/l #	44
17) Carbon Disulfide	2.526	76	1198	0.247	ug/l #	74
20) Methylene Chloride	2.806	84	524	0.281	ug/l #	92
31) Cyclohexane	5.550	56	2947	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11657	5.050	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14348	5.728	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	53491	25.913	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53491	73.247	ug/l #	7
89) n-Butylbenzene	12.341	91	1489	0.209	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	707	0.273	ug/l	97
94) Hexachlorobutadiene	13.719	225	1440	1.323	ug/l	94
96) 1,2,3-Trichlorobenzene	13.969	180	659	0.266	ug/l	90

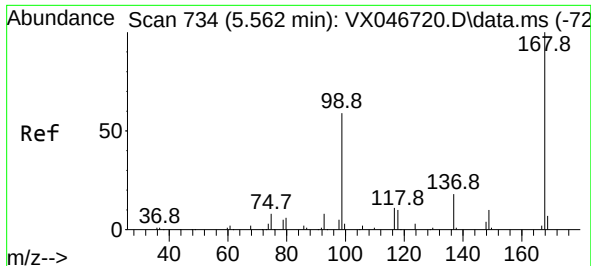
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
Data File : VX046845.D
Acq On : 01 Jul 2025 09:20
Operator : JC/MD
Sample : VX0701MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 02 01:38:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

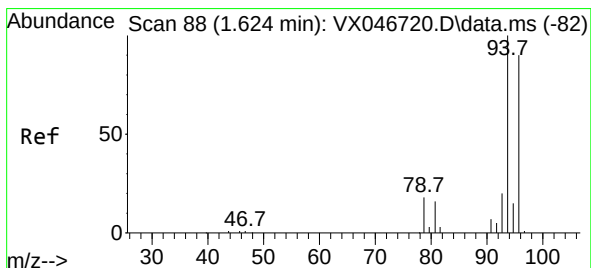
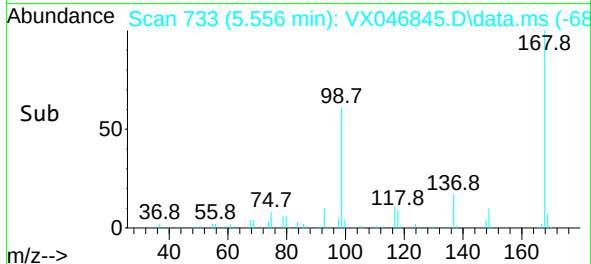
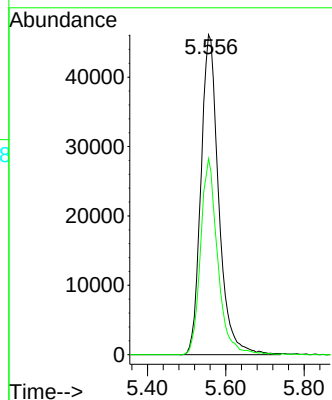
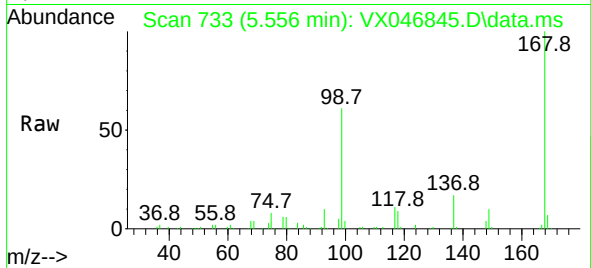




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

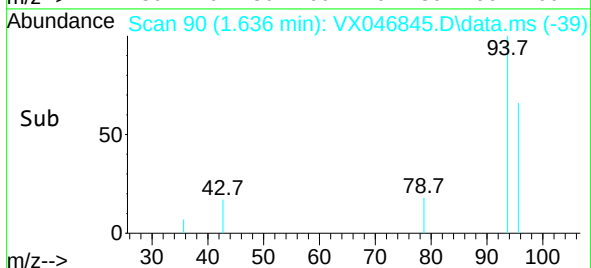
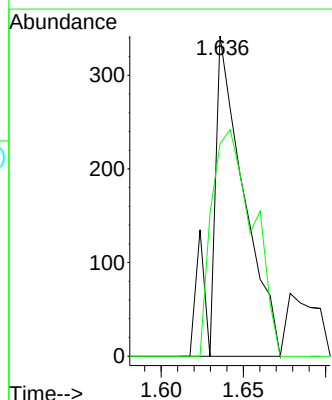
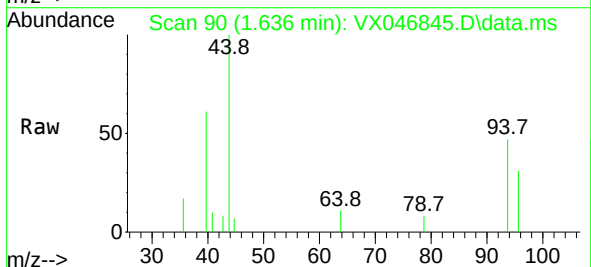
Instrument :
MSVOA_X
ClientSampleId :

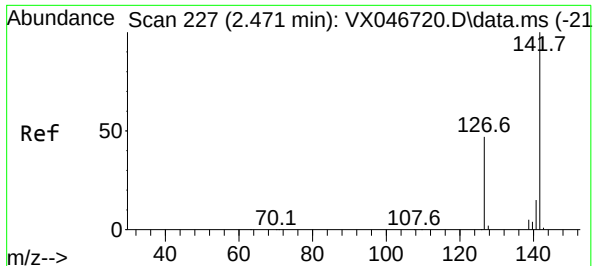
Tgt Ion:168 Resp: 145396
Ion Ratio Lower Upper
168 100
99 61.3 48.5 72.7



#5
Bromomethane
Concen: 0.445 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

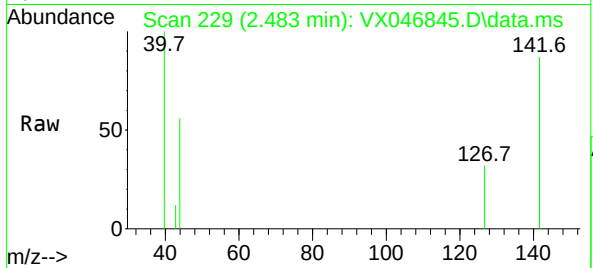
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 66.4 72.3 108.5#



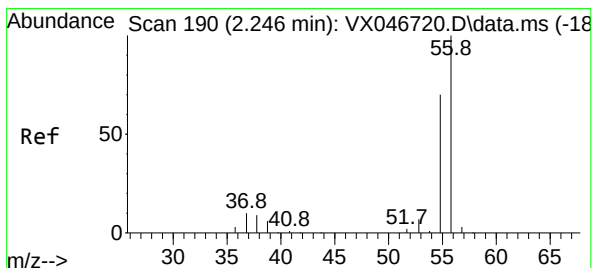
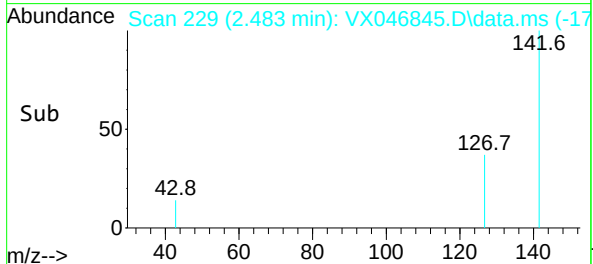
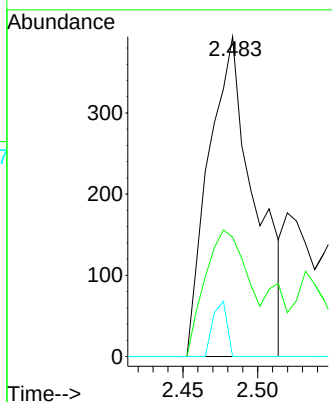


#10
Methyl Iodide
Concen: 4.703 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :

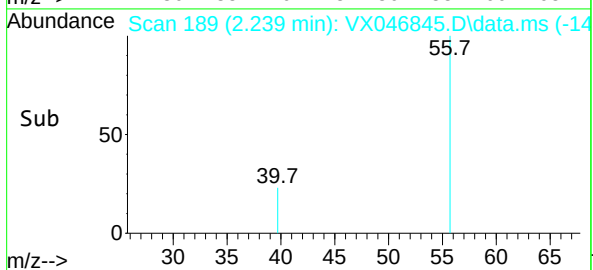
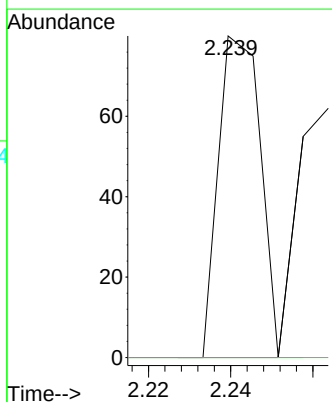
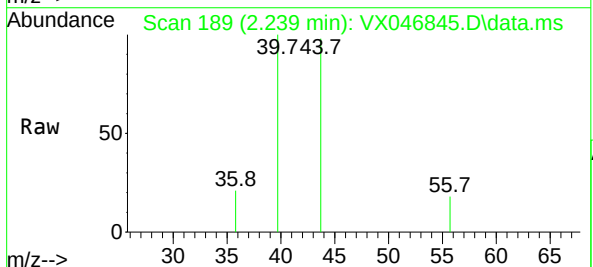


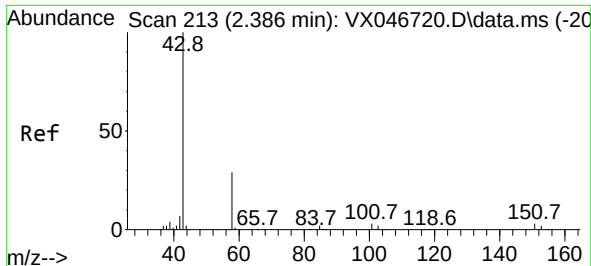
Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
127 37.4 37.0 55.6
141 5.3 11.5 17.3#



#13
Acrolein
Concen: 0.217 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#

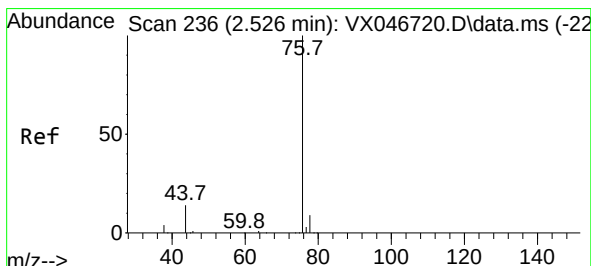
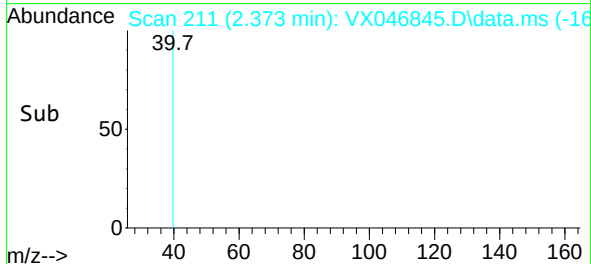
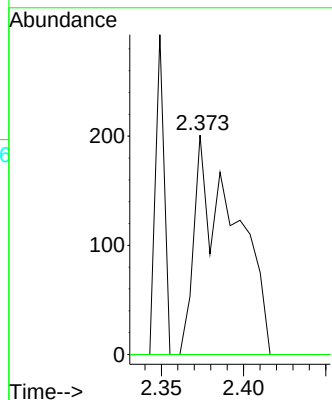
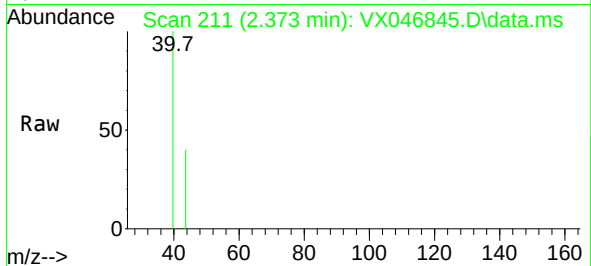




#16
Acetone
Concen: 0.511 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

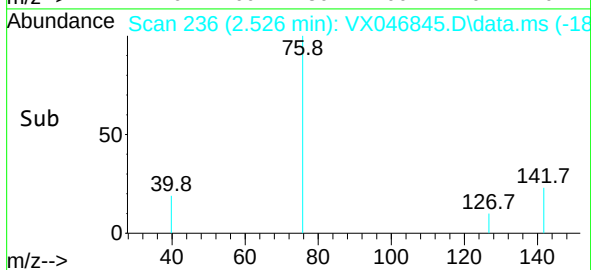
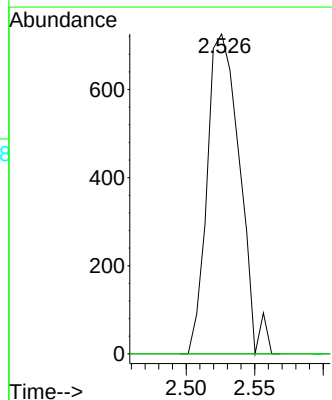
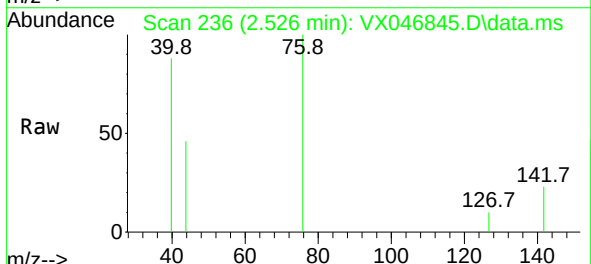
Instrument :
MSVOA_X
ClientSampleId :

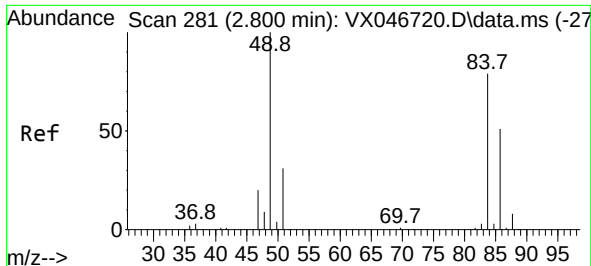
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.000 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

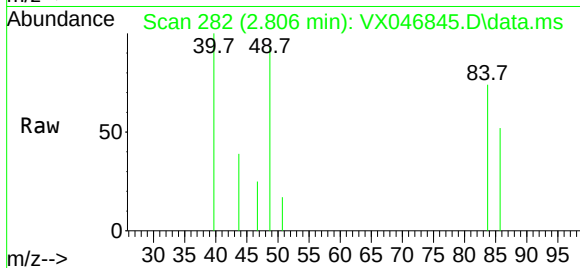
Tgt Ion: 76 Resp: 1198
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





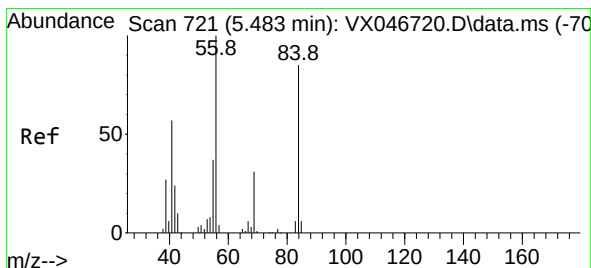
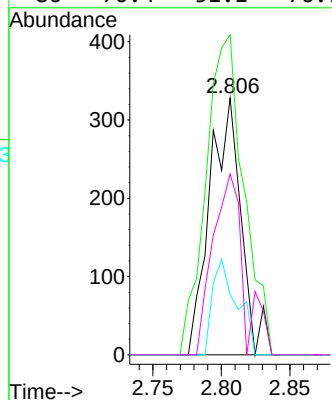
#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 524

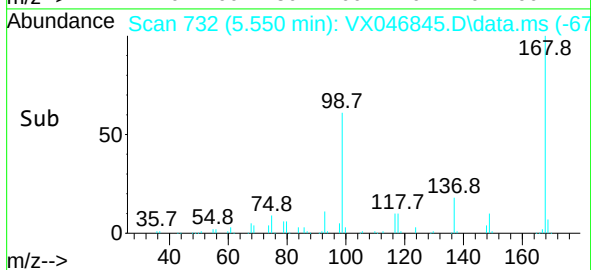
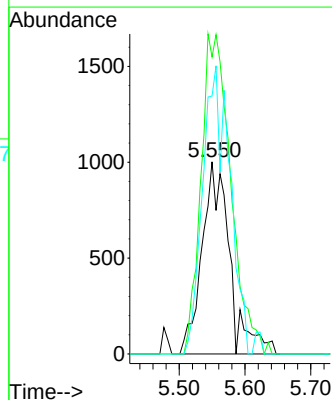
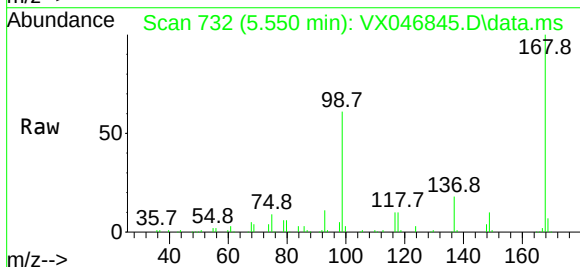
Ion	Ratio	Lower	Upper
84	100		
49	124.7	101.3	151.9
51	23.5	31.0	46.6#
86	70.4	51.1	76.7

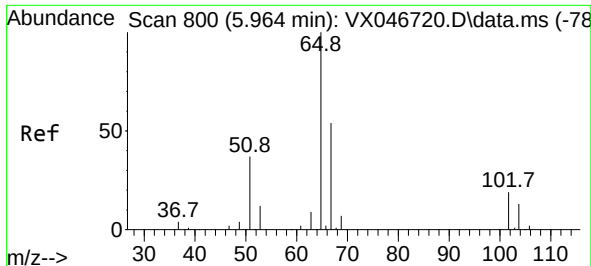


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 56 Resp: 2947

Ion	Ratio	Lower	Upper
56	100		
69	154.6	24.8	37.2#
84	134.2	68.2	102.2#

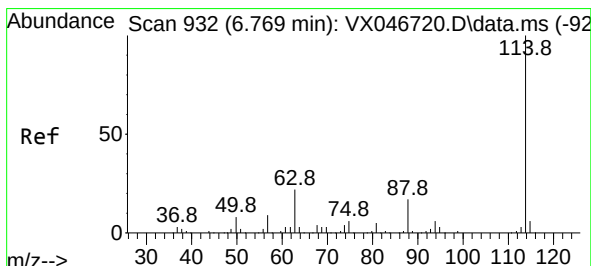
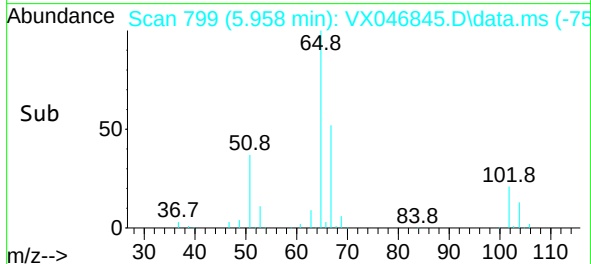
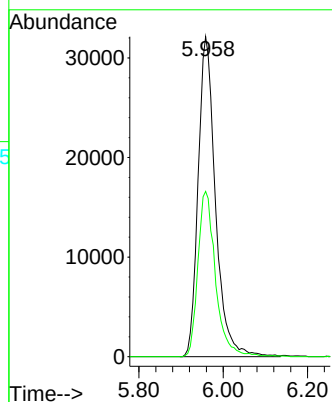
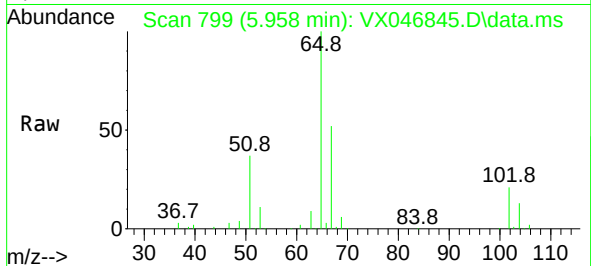




#33
1,2-Dichloroethane-d4
Concen: 45.758 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

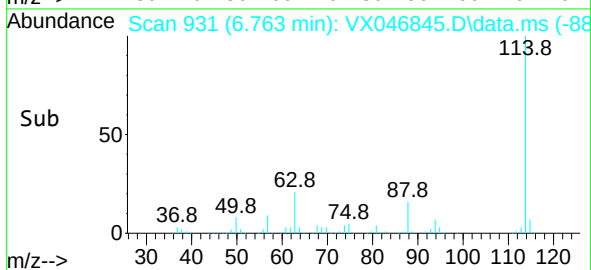
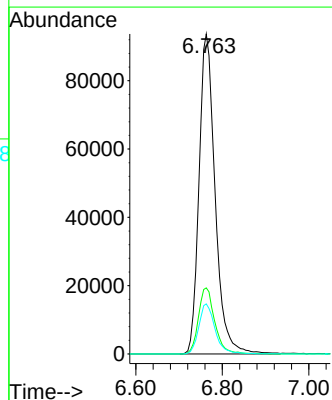
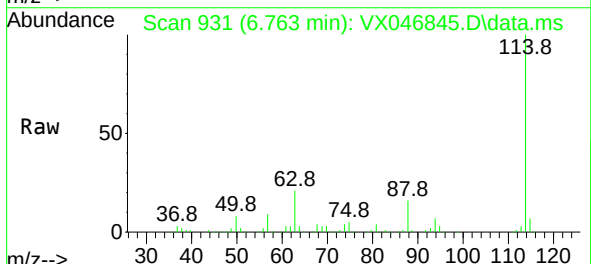
Instrument :
MSVOA_X
ClientSampleId :

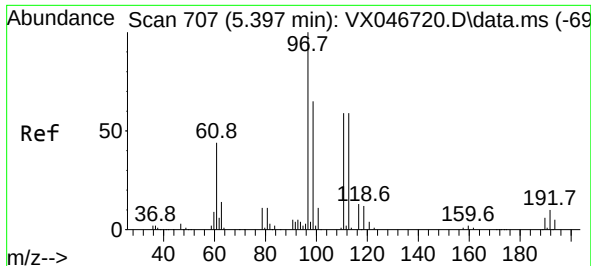
Tgt Ion: 65 Resp: 92023
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 114 Resp: 241679
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.893 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

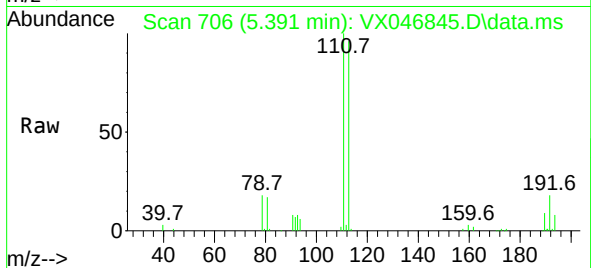
Lab File: VX046845.D

Acq: 01 Jul 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :



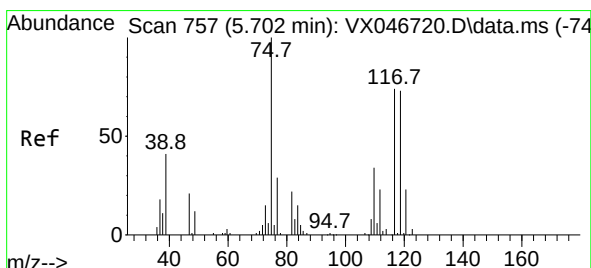
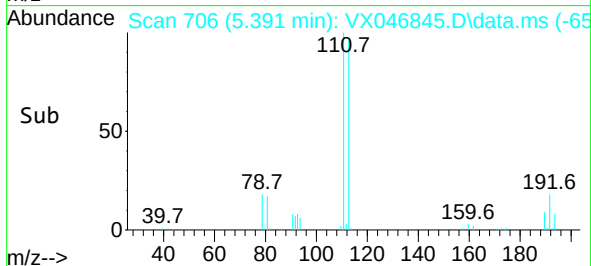
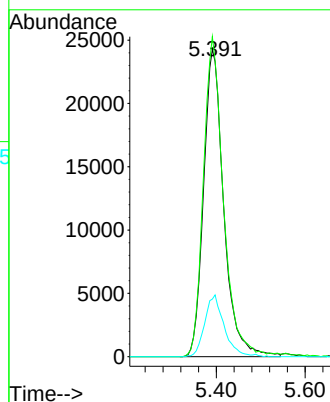
Tgt Ion:113 Resp: 76582

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 19.2 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.050 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX046845.D

Acq: 01 Jul 2025 09:20

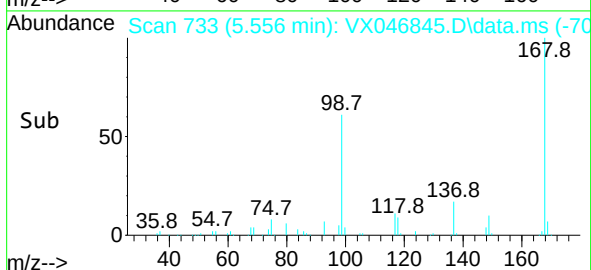
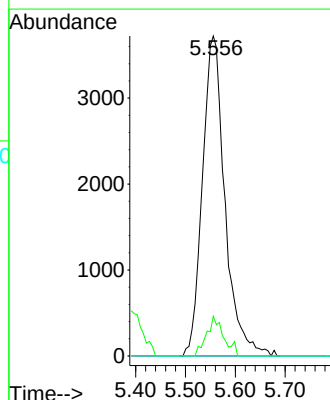
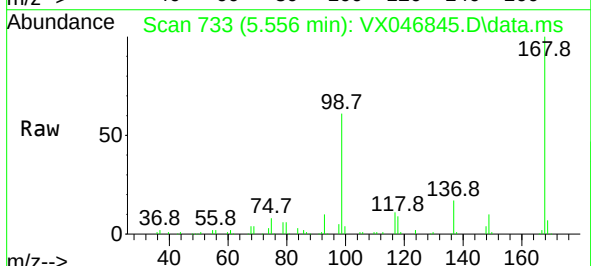
Tgt Ion: 75 Resp: 11657

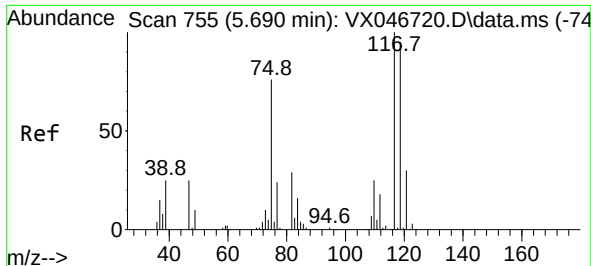
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.5#

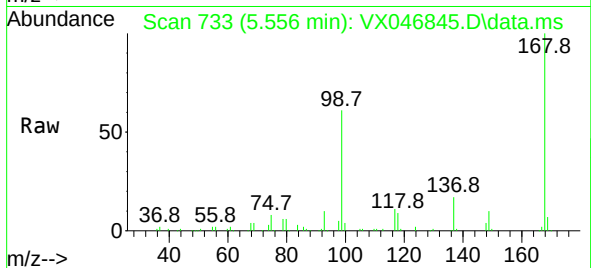
77 0.0 24.2 36.4#



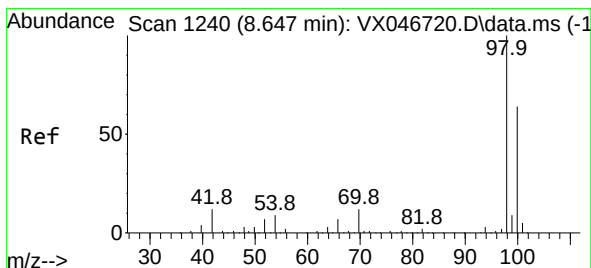
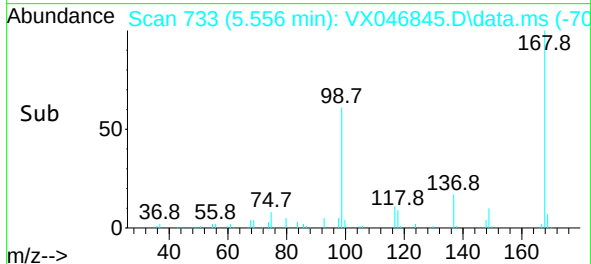
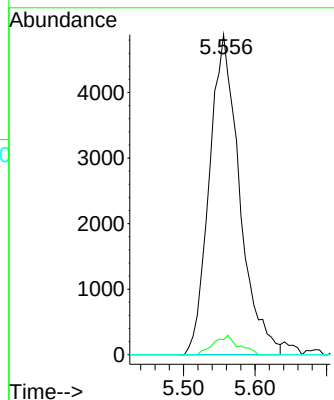


#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :

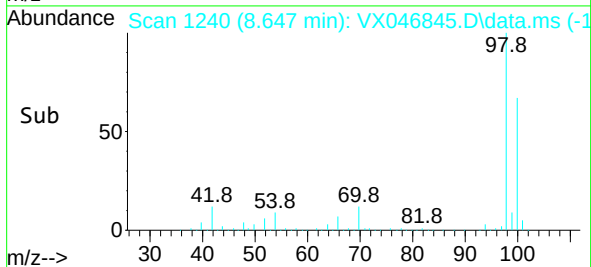
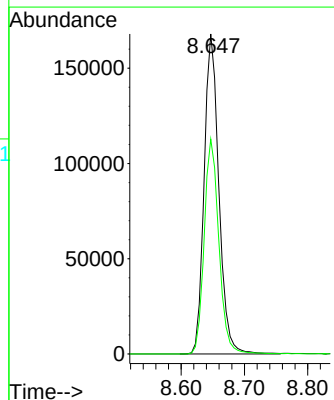
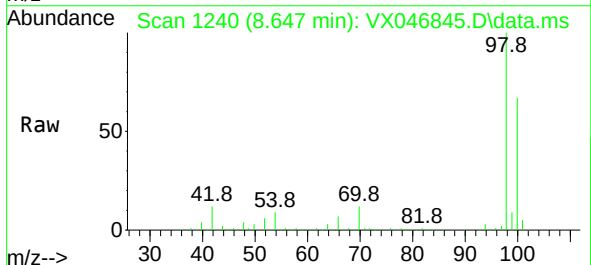


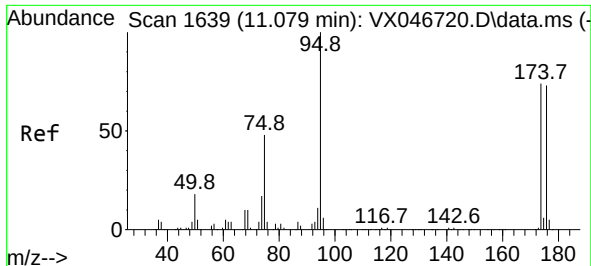
Tgt Ion:117 Resp: 14348
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 47.388 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 98 Resp: 272242
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

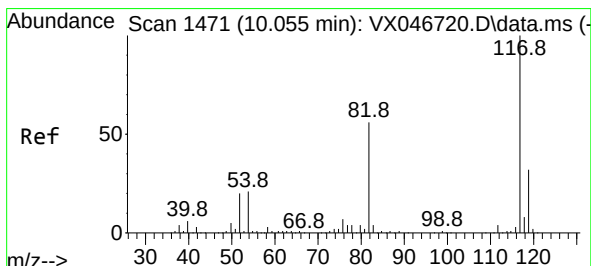
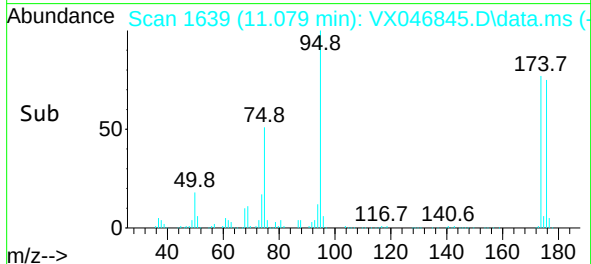
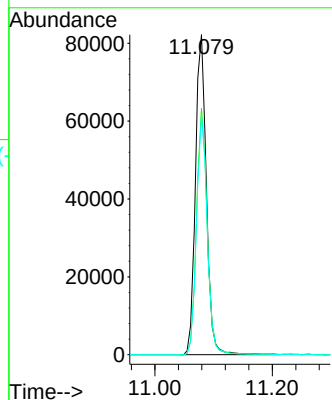
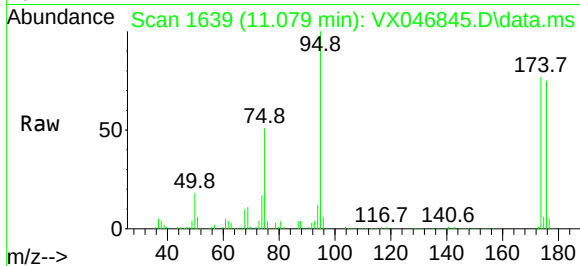




#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

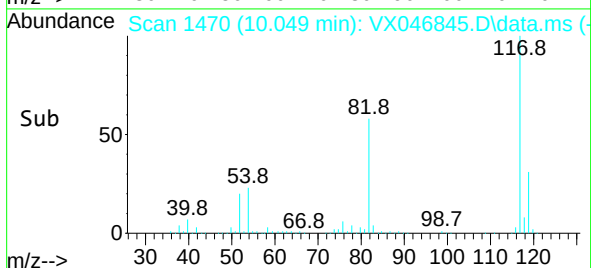
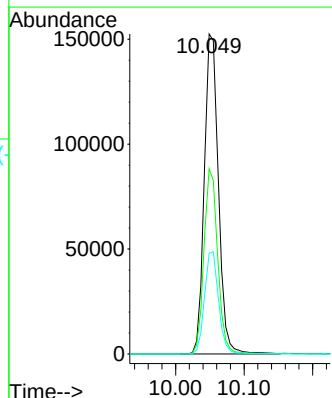
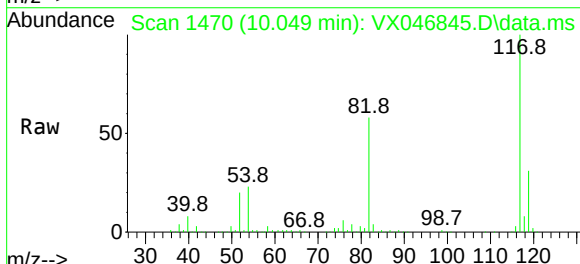
Instrument :
MSVOA_X
ClientSampleId :

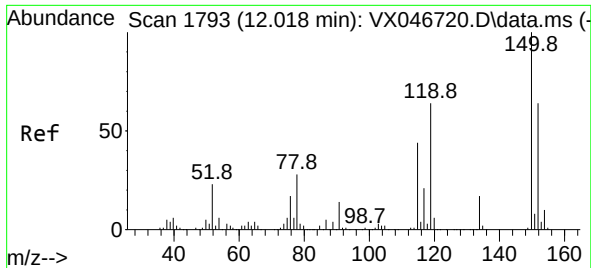
Tgt Ion: 95 Resp: 106155
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 73.6 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 117 Resp: 219206
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 31.5 25.8 38.8

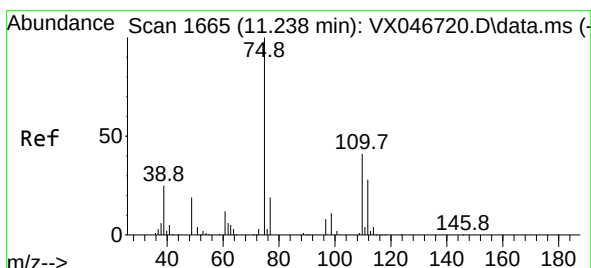
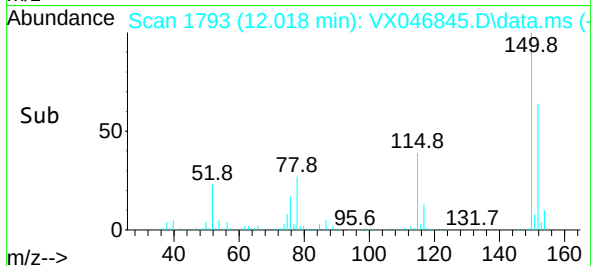
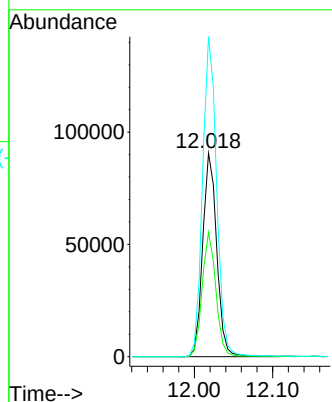
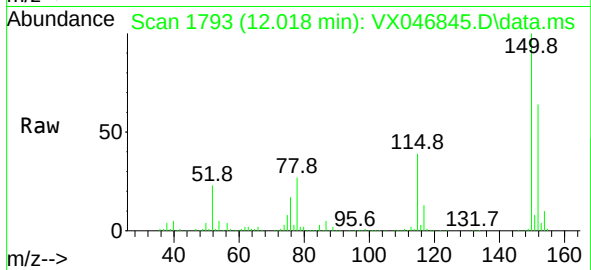




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046845.D
 Acq: 01 Jul 2025 09:20

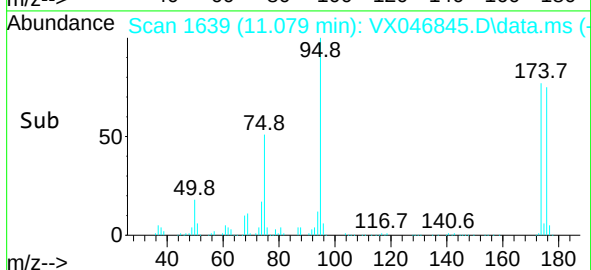
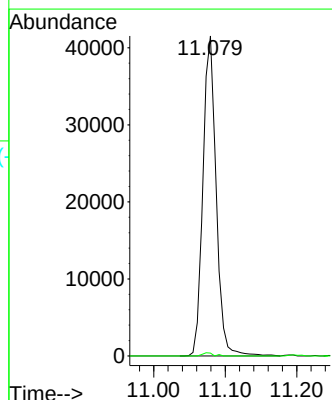
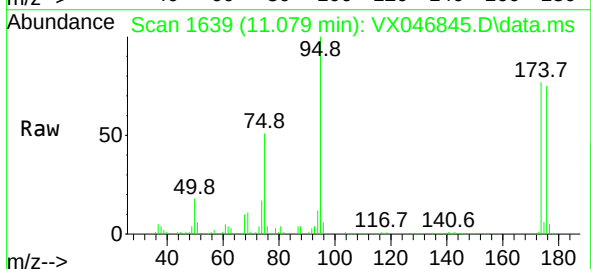
Instrument :
 MSVOA_X
 ClientSampleId :

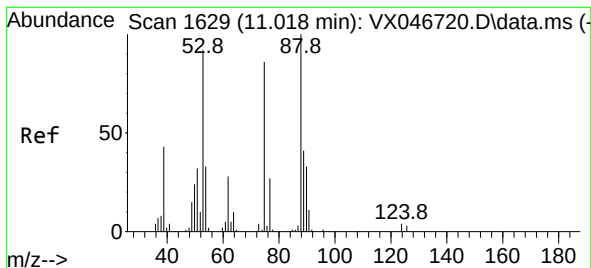
Tgt Ion:152 Resp: 112705
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.2 129.6
 150 157.5 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 25.913 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046845.D
 Acq: 01 Jul 2025 09:20

Tgt Ion: 75 Resp: 53491
 Ion Ratio Lower Upper
 75 100
 77 0.8 18.5 55.5#

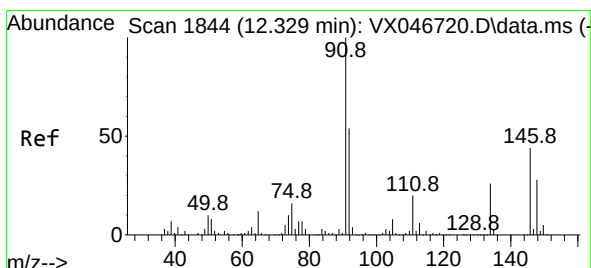
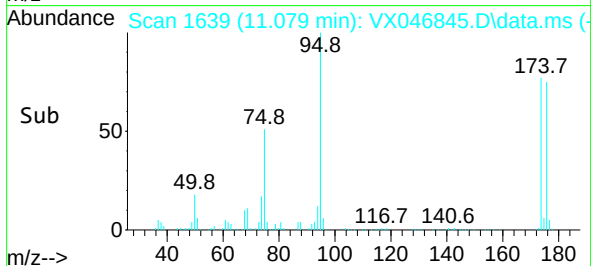
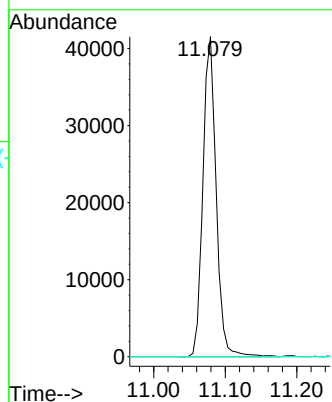
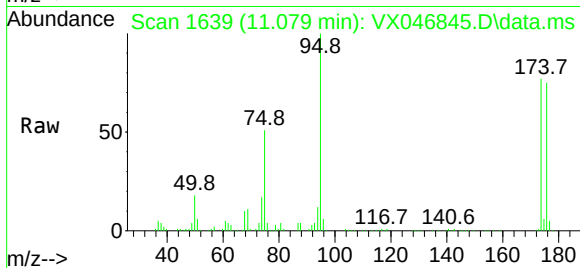




#81
trans-1,4-Dichloro-2-butene
Concen: 73.247 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

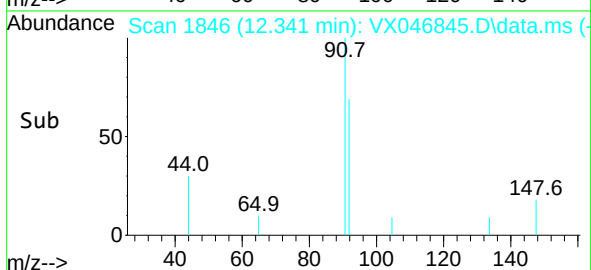
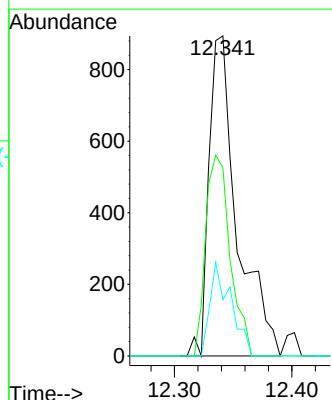
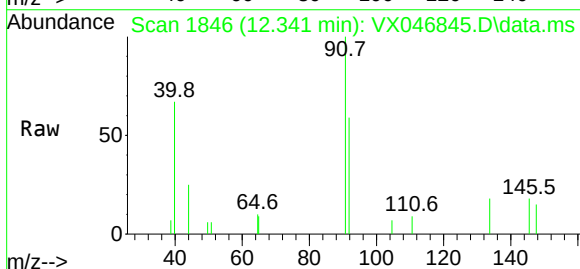
Instrument :
MSVOA_X
ClientSampleId :

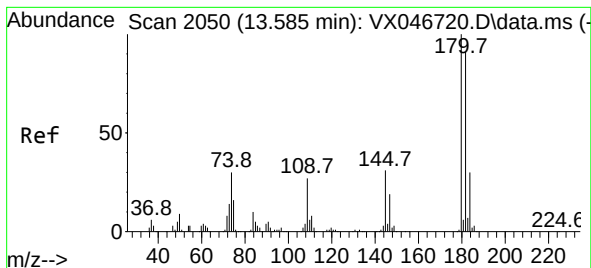
Tgt Ion: 75 Resp: 53491
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX046845.D
Acq: 01 Jul 2025 09:20

Tgt Ion: 91 Resp: 1489
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.3
134 21.6 12.9 38.6





#93

1,2,4-Trichlorobenzene

Concen: 0.273 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX046845.D

Acq: 01 Jul 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

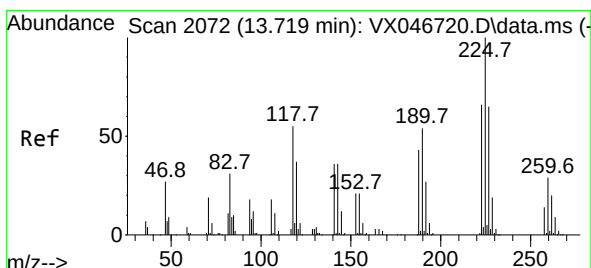
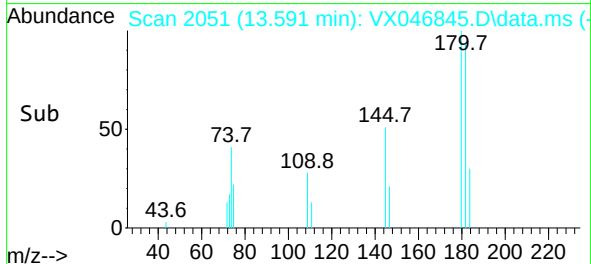
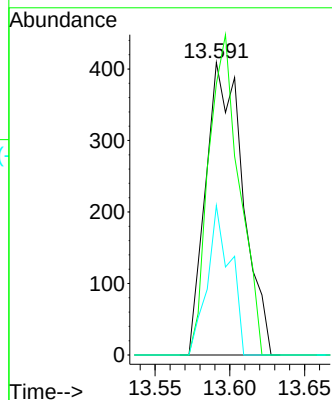
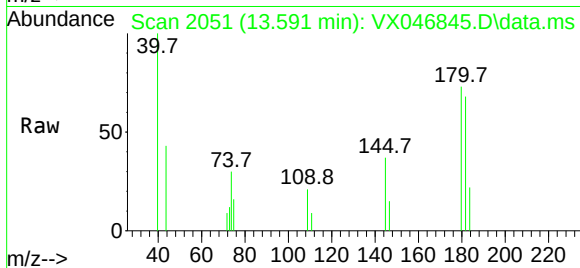
Tgt Ion:180 Resp: 707

Ion Ratio Lower Upper

180 100

182 90.2 46.7 140.1

145 31.8 15.8 47.4



#94

Hexachlorobutadiene

Concen: 1.323 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046845.D

Acq: 01 Jul 2025 09:20

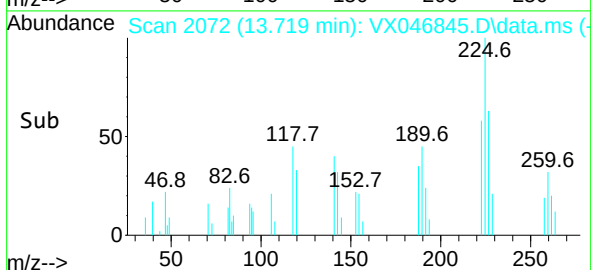
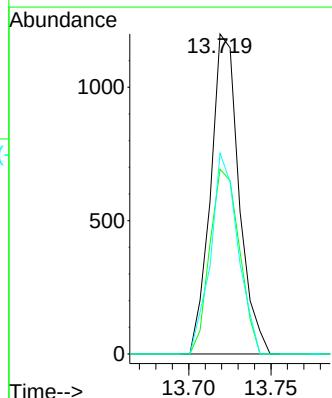
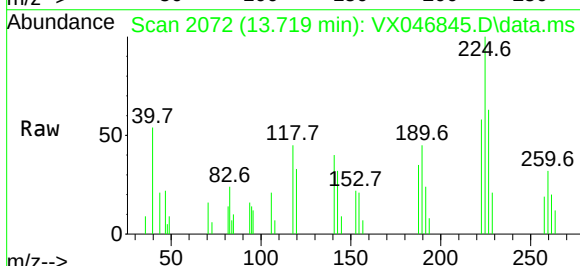
Tgt Ion:225 Resp: 1440

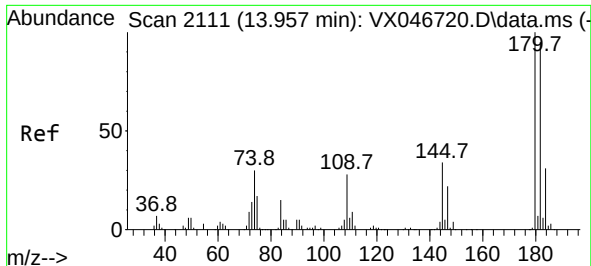
Ion Ratio Lower Upper

225 100

223 59.9 32.5 97.5

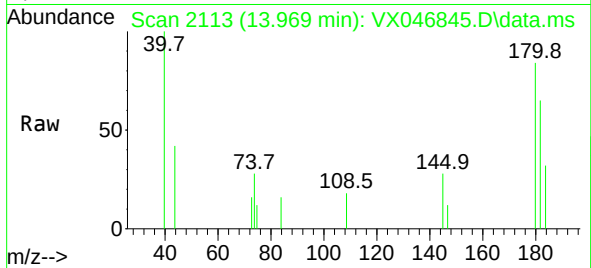
227 60.1 32.2 96.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX046845.D
 Acq: 01 Jul 2025 09:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 659
 Ion Ratio Lower Upper
 180 100
 182 102.7 47.8 143.4
 145 23.8 17.3 51.9

