

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046840.D
 Acq On : 30 Jun 2025 15:23
 Operator : JC/MD
 Sample : Q2371-04DL 400X
 Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

Quant Time: Jul 01 05:31:44 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)

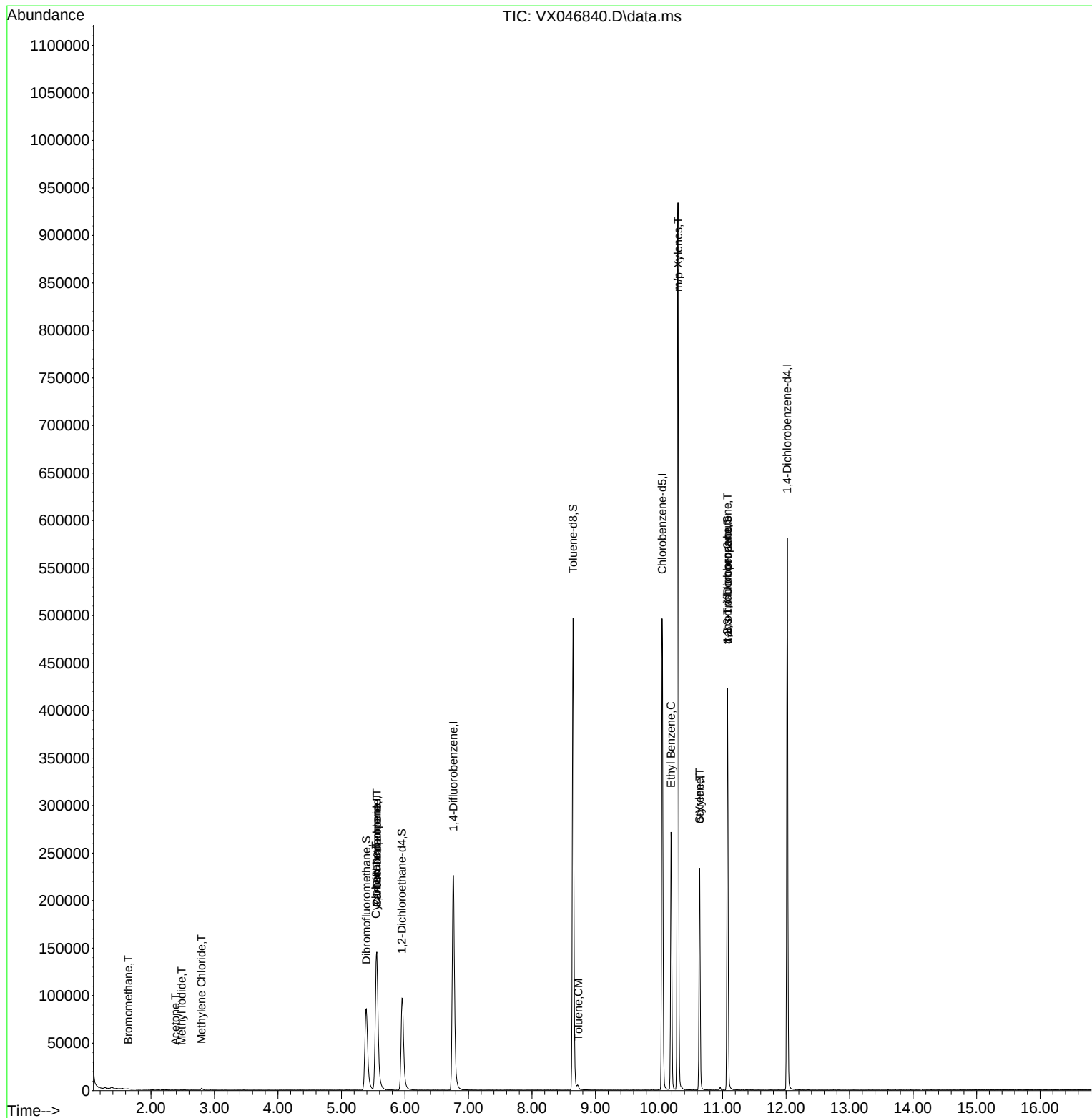
Internal Standards						
1) Pentafluorobenzene	5.556	168	151908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101373	48.246	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	5.391	113	84030	49.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.647	98	301265	49.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	115813	51.453	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.900%		
Target Compounds			Qvalue			
5) Bromomethane	1.642	94	258	0.246	ug/l	91
10) Methyl Iodide	2.483	142	386	4.496	ug/l #	56
16) Acetone	2.386	43	190	0.271	ug/l #	44
20) Methylene Chloride	2.794	84	980	0.503	ug/l	90
31) Cyclohexane	5.544	56	3108	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12168	5.015	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15639	5.940	ug/l #	17
52) Toluene	8.726	92	2148	0.483	ug/l	93
67) Ethyl Benzene	10.189	91	162440	18.179	ug/l	100
68) m/p-Xylenes	10.299	106	219965	66.064	ug/l	99
69) o-Xylene	10.640	106	51919	16.639	ug/l	97
70) Styrene	10.640	104	2602	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59509	27.533	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	59509	77.824	ug/l #	7

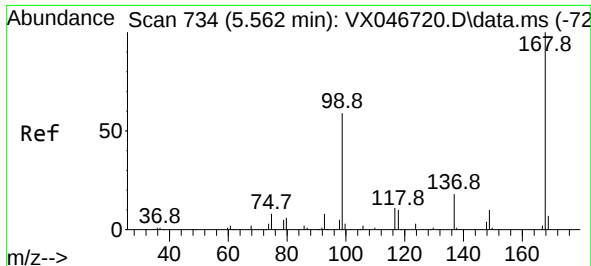
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
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Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

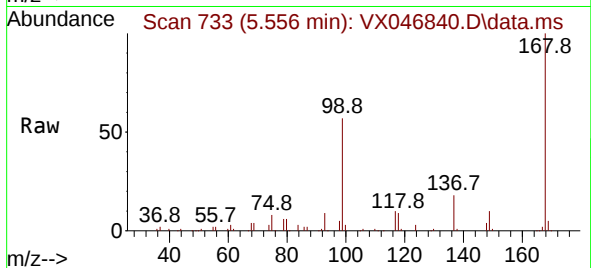
Quant Time: Jul 01 05:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



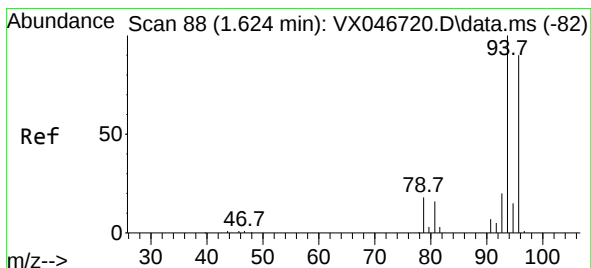
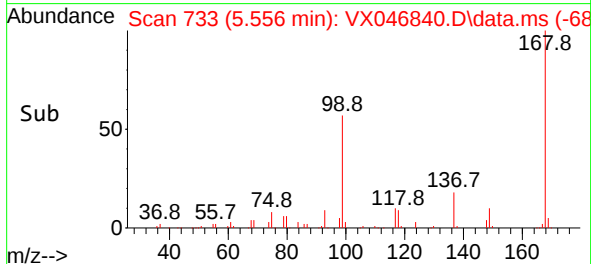
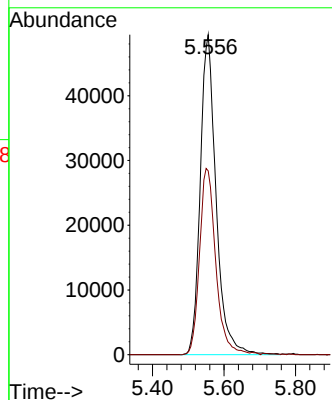


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

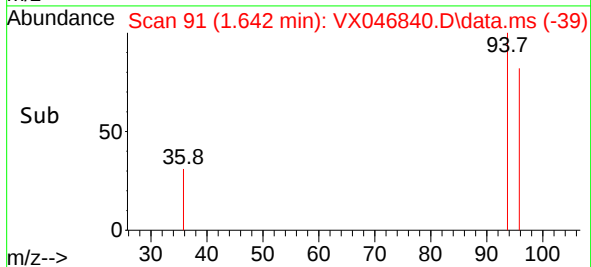
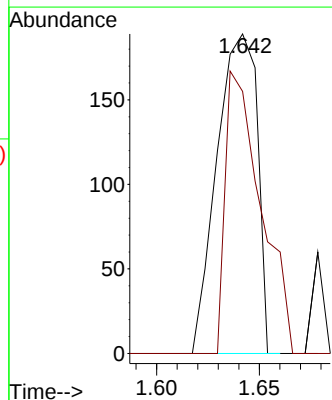
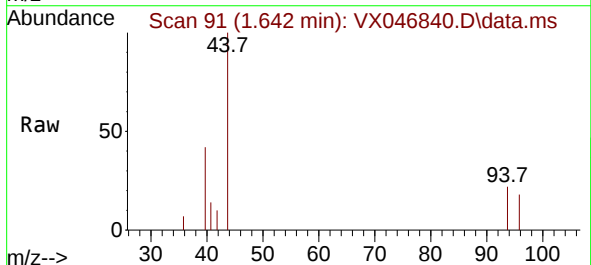


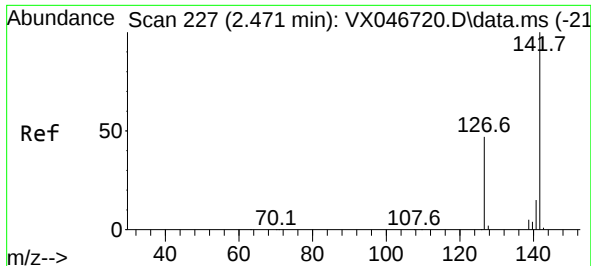
Tgt Ion:168 Resp: 151908
Ion Ratio Lower Upper
168 100
99 57.4 48.5 72.7



#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 82.0 72.3 108.5

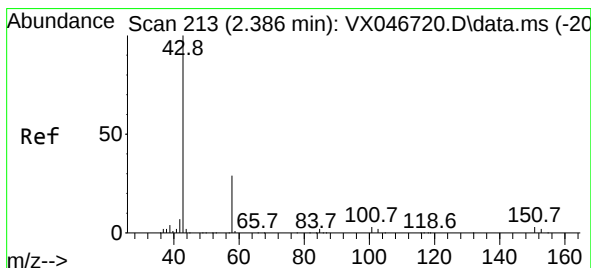
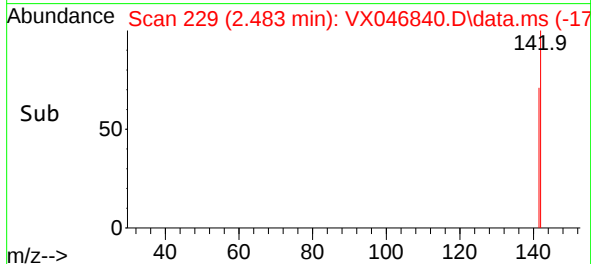
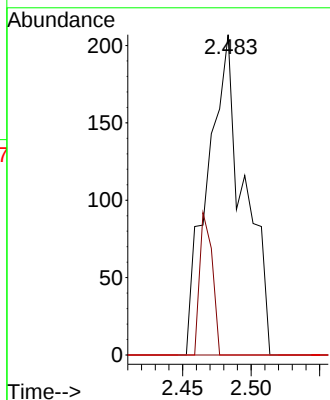
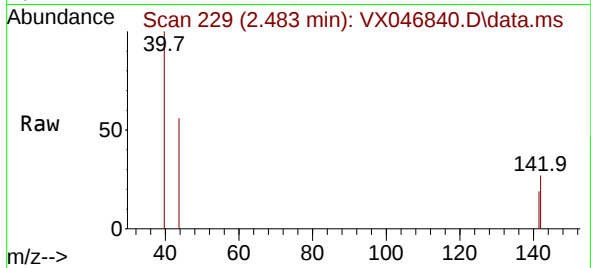




#10
Methyl Iodide
Concen: 4.496 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

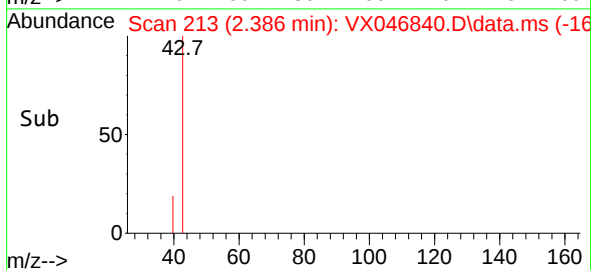
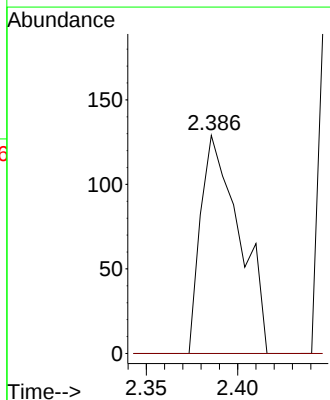
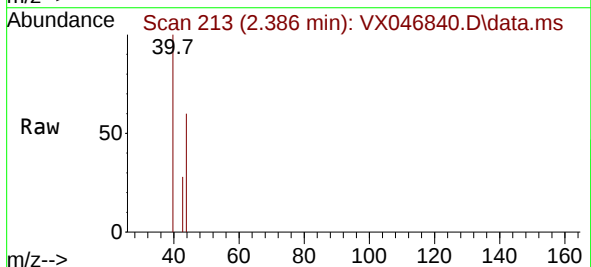
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

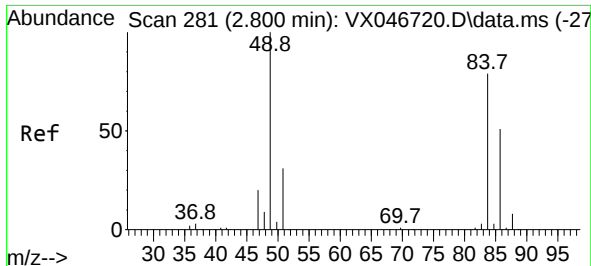
Tgt Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
127 15.3 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.271 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



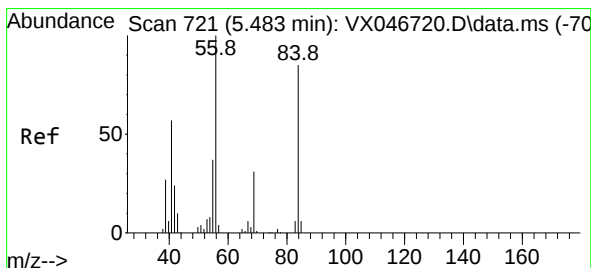
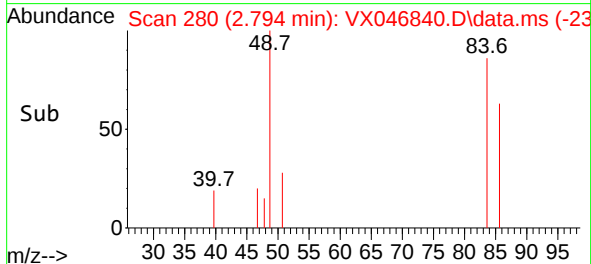
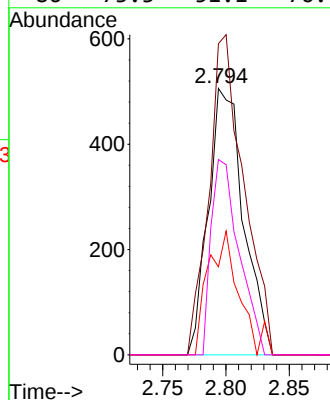
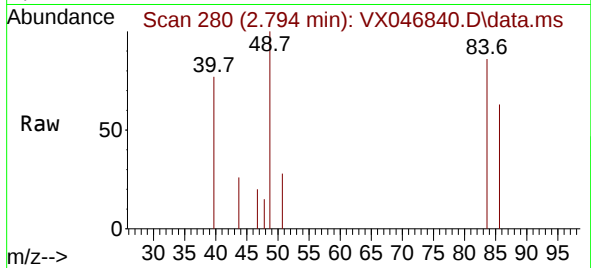


#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion: 84 Resp: 980

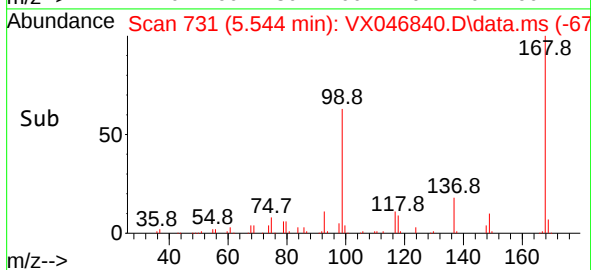
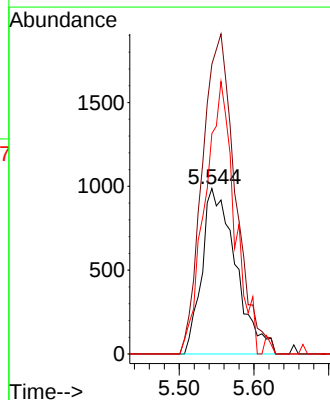
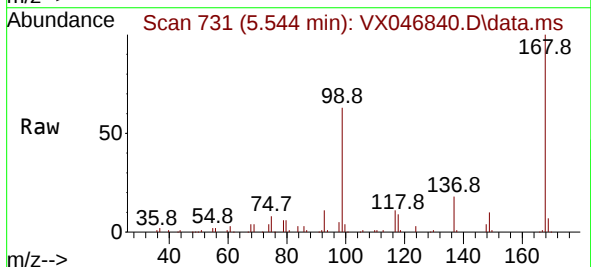
Ion	Ratio	Lower	Upper
84	100		
49	116.8	101.3	151.9
51	33.0	31.0	46.6
86	73.3	51.1	76.7

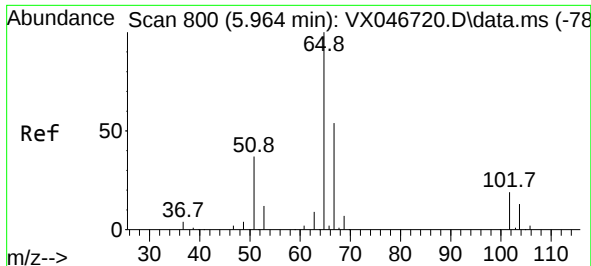


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.061 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 56 Resp: 3108

Ion	Ratio	Lower	Upper
56	100		
69	175.2	24.8	37.2#
84	133.2	68.2	102.2#

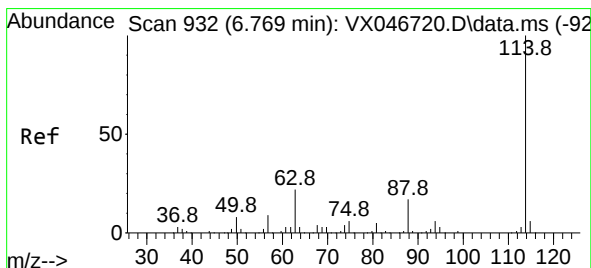
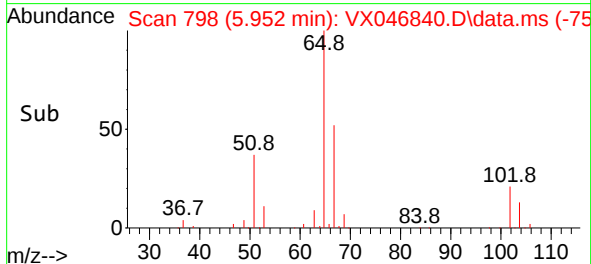
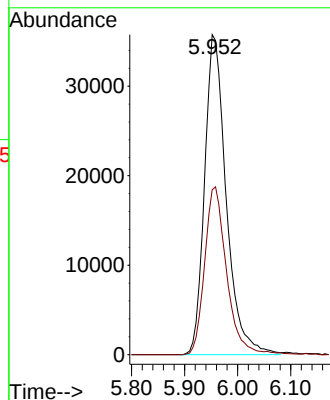
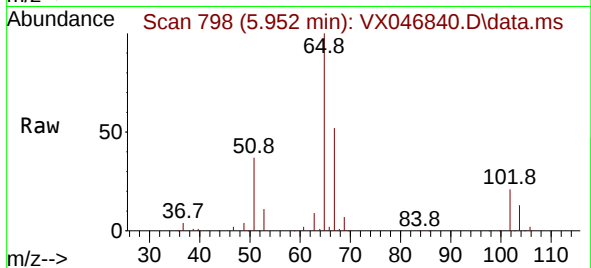




#33
 1,2-Dichloroethane-d4
 Concen: 48.246 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.012 min
 Lab File: VX046840.D
 Acq: 30 Jun 2025 15:23

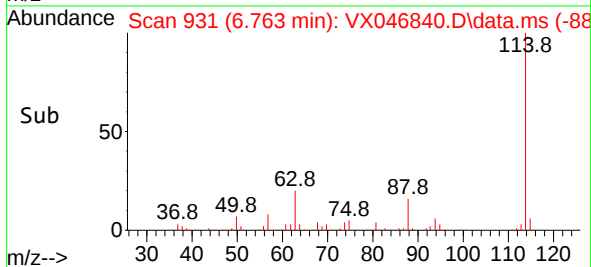
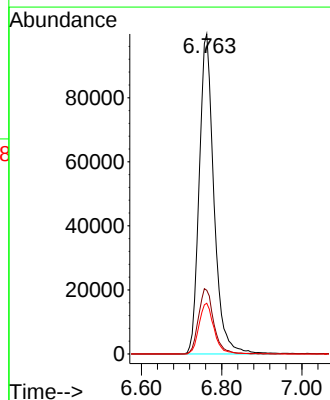
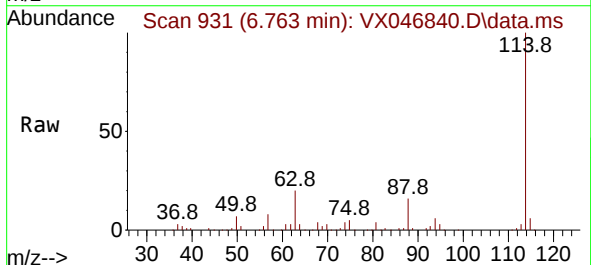
Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

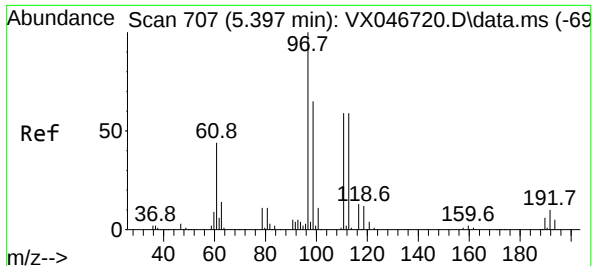
Tgt Ion: 65 Resp: 101373
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046840.D
 Acq: 30 Jun 2025 15:23

Tgt Ion: 114 Resp: 254019
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.998 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046840.D

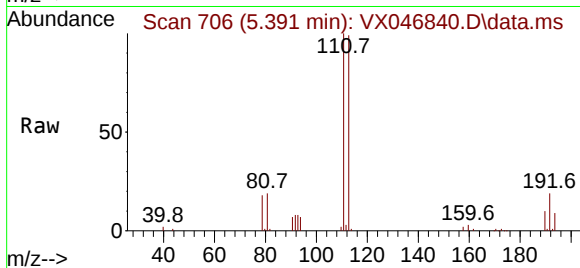
Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

RPXY42025DL



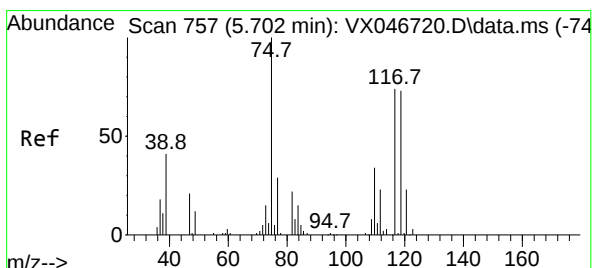
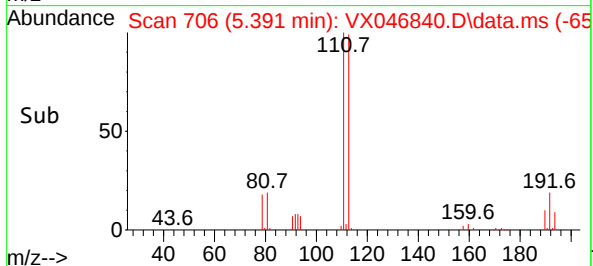
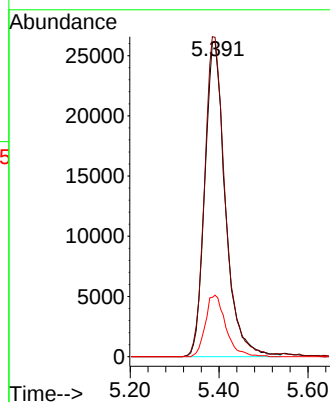
Tgt Ion:113 Resp: 84030

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 19.5 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.015 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.147 min

Lab File: VX046840.D

Acq: 30 Jun 2025 15:23

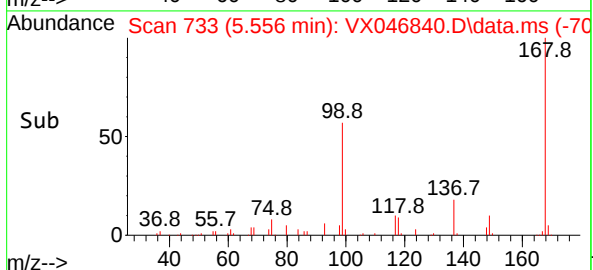
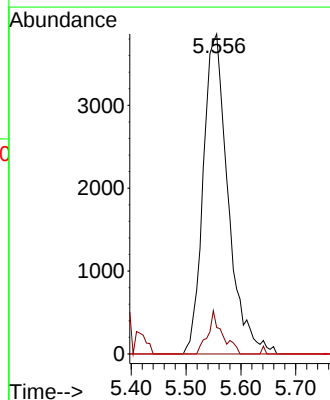
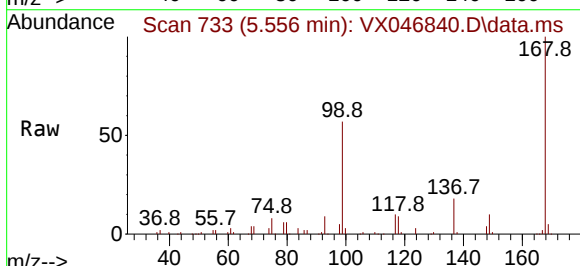
Tgt Ion: 75 Resp: 12168

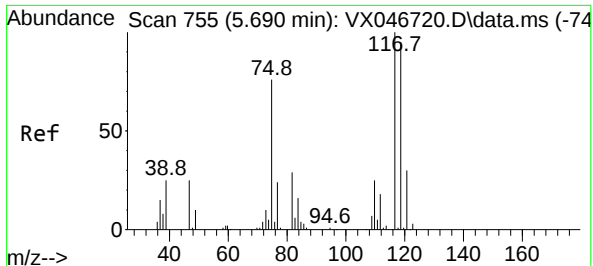
Ion Ratio Lower Upper

75 100

110 7.7 17.2 51.5#

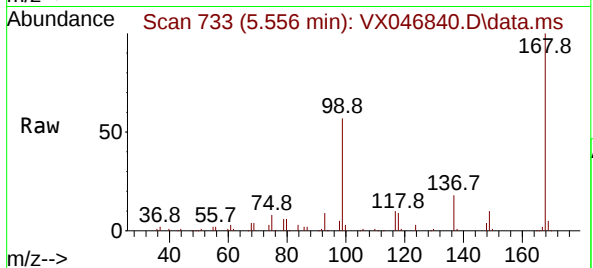
77 0.0 24.2 36.4#



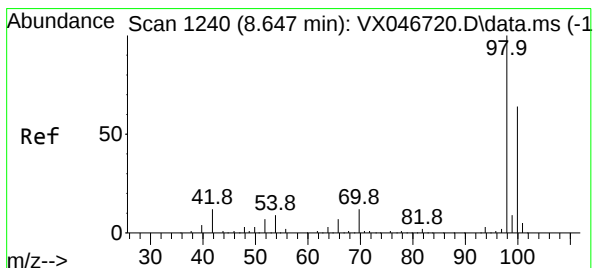
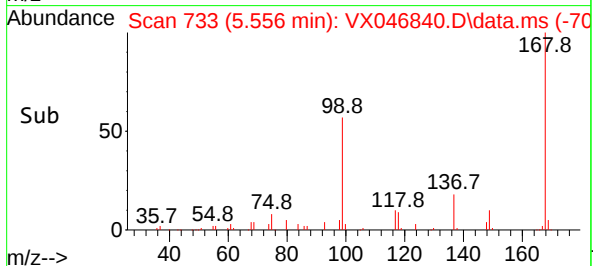
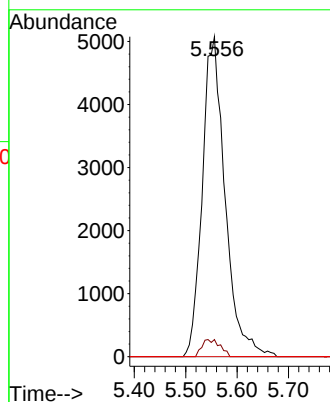


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

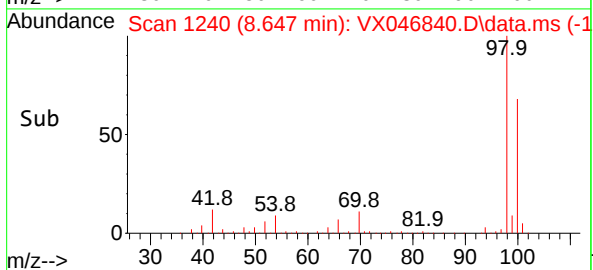
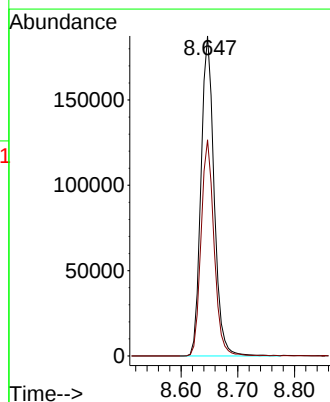
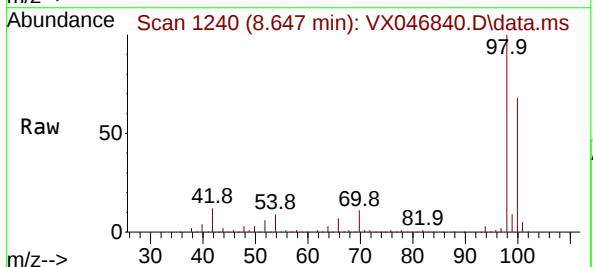


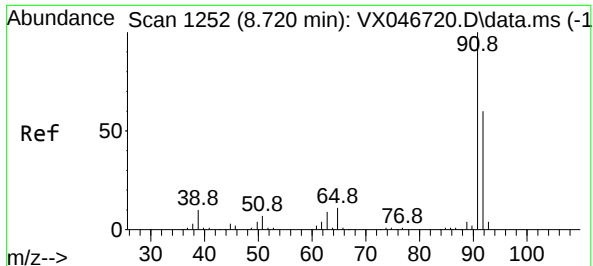
Tgt Ion:117 Resp: 15639
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.893 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 98 Resp: 301265
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

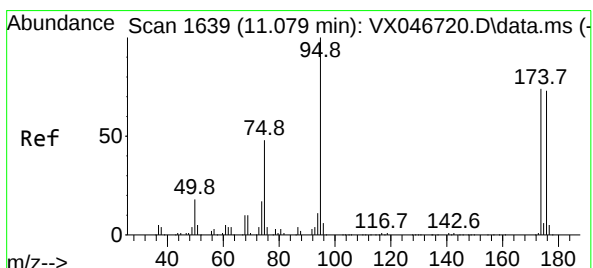
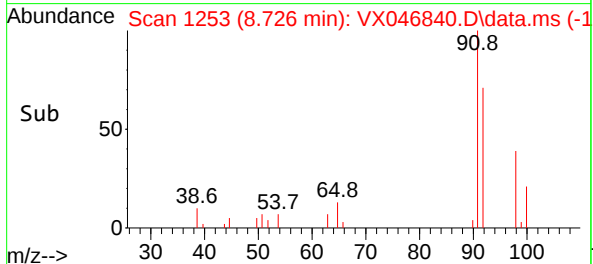
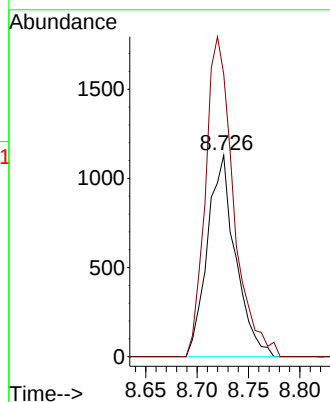
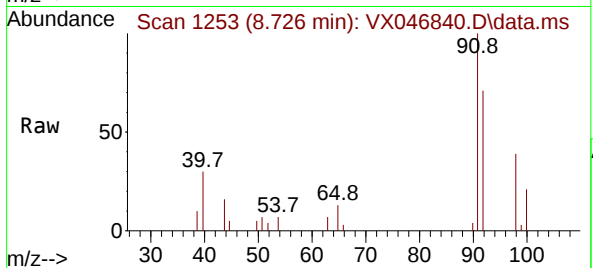




#52
Toluene
Concen: 0.483 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

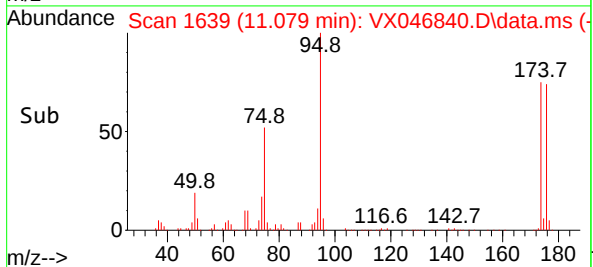
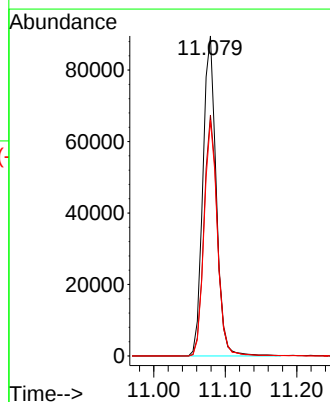
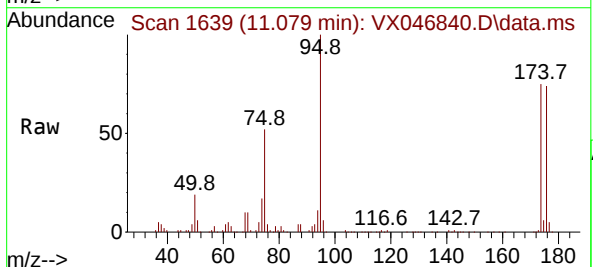
Instrument :
MSVOA_X
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RPXY42025DL

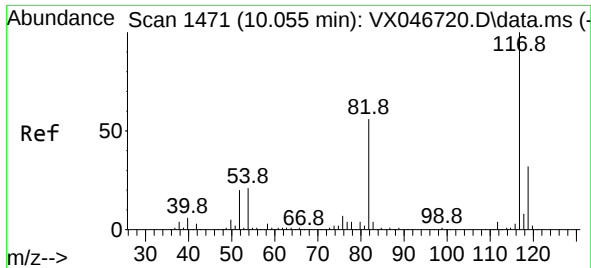
Tgt Ion: 92 Resp: 2148
Ion Ratio Lower Upper
92 100
91 158.7 134.8 202.2



#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 95 Resp: 115813
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.4 0.0 145.0

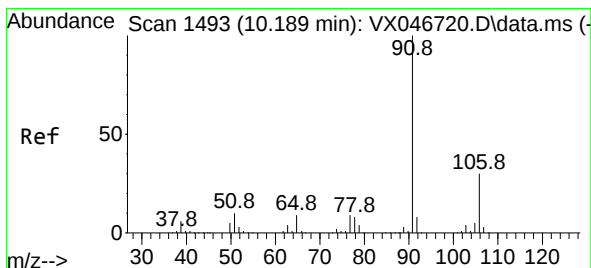
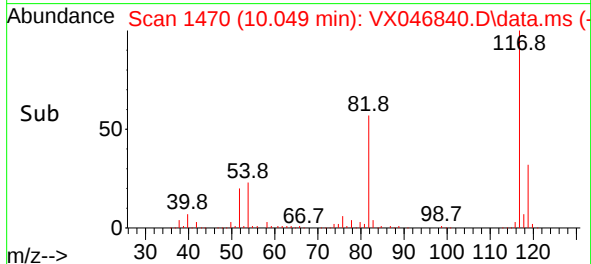
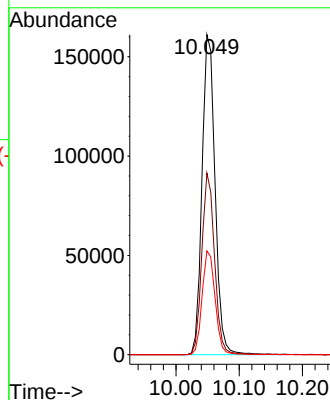
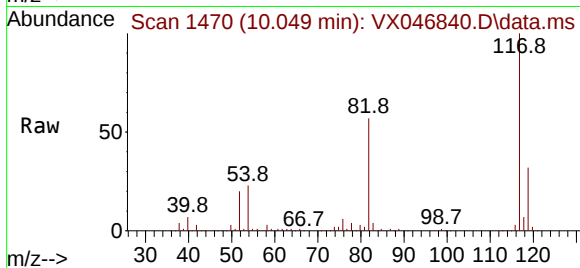




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

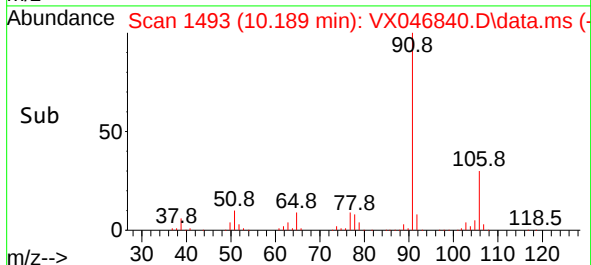
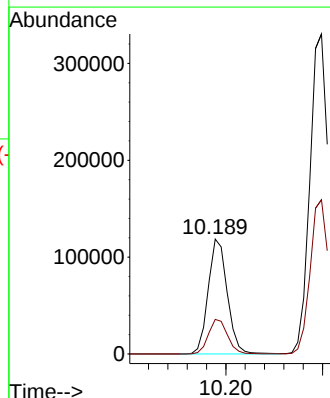
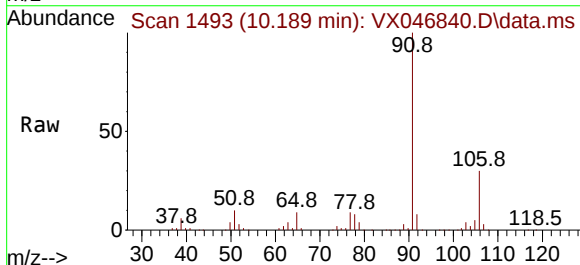
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

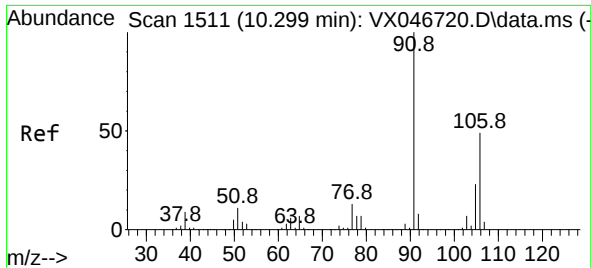
Tgt Ion:117 Resp: 231677
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 18.179 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 91 Resp: 162440
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

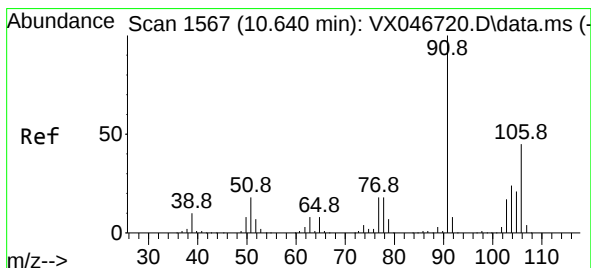
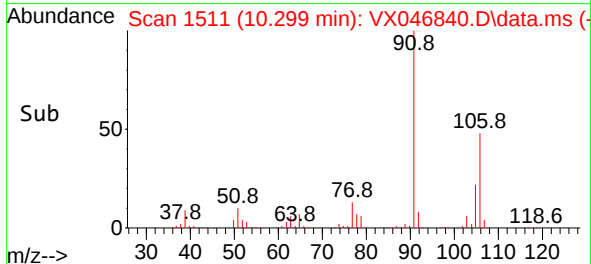
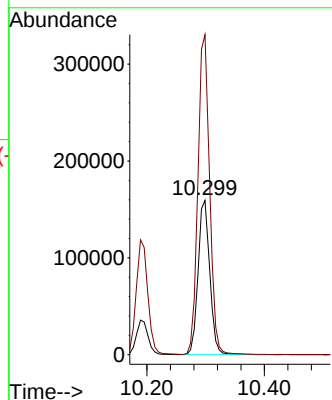
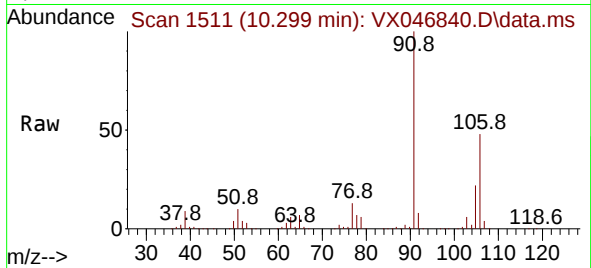




#68
m/p-Xylenes
Concen: 66.064 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

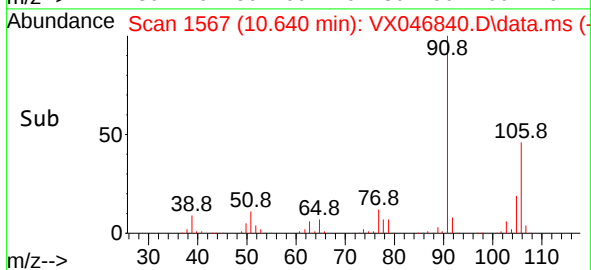
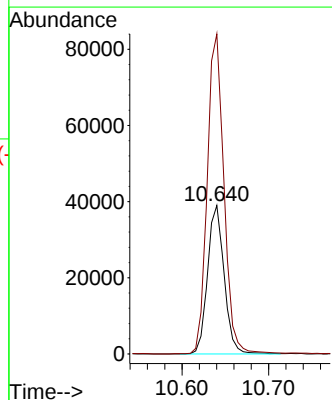
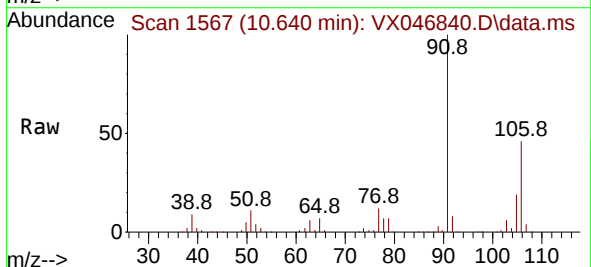
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

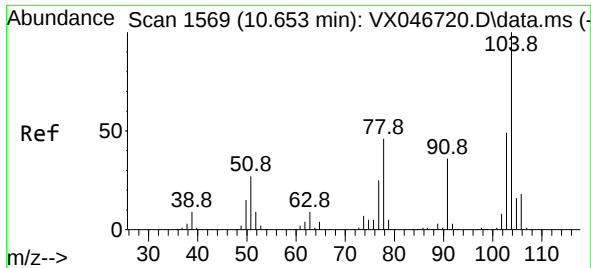
Tgt Ion:106 Resp: 219965
Ion Ratio Lower Upper
106 100
91 207.9 164.8 247.2



#69
o-Xylene
Concen: 16.639 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion:106 Resp: 51919
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9

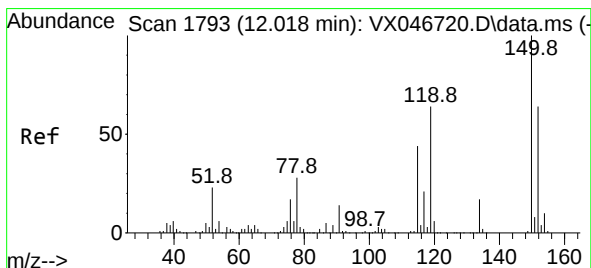
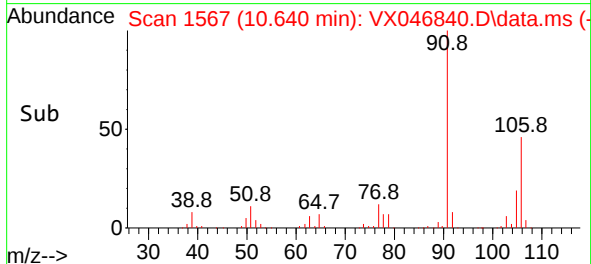
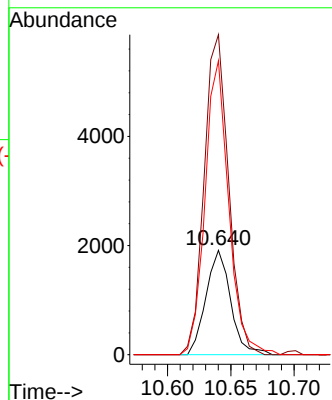
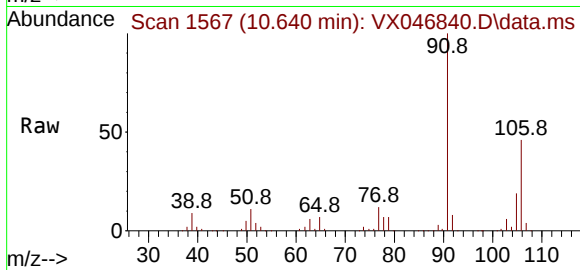




#70
Styrene
Concen: 0.476 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

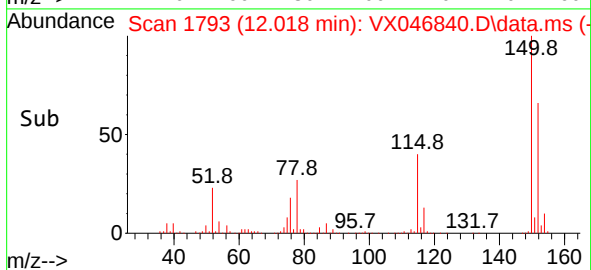
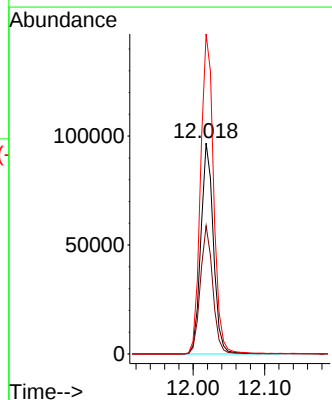
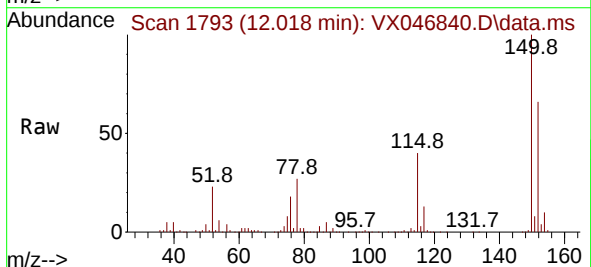
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

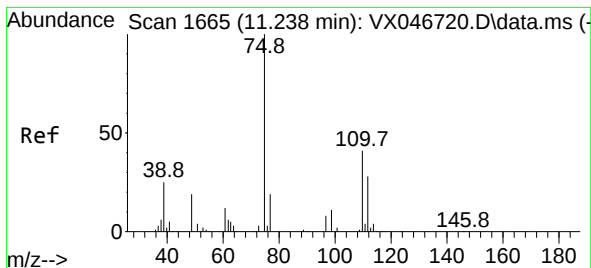
Tgt Ion:104 Resp: 2602
Ion Ratio Lower Upper
104 100
78 303.2 41.4 62.2#
103 270.6 43.1 64.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046840.D
Acq: 30 Jun 2025 15:23

Tgt Ion:152 Resp: 118010
Ion Ratio Lower Upper
152 100
115 60.1 43.2 129.6
150 157.5 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.533 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046840.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

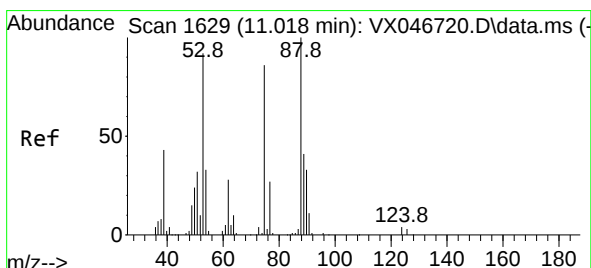
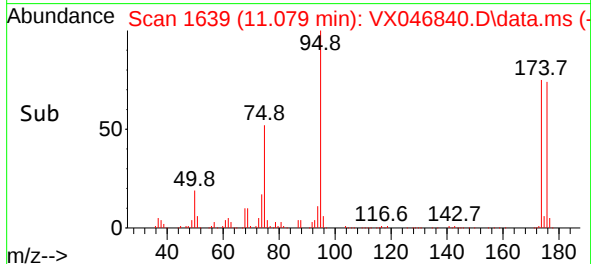
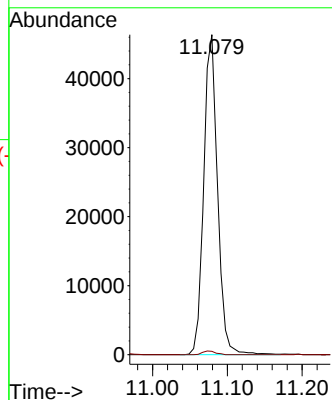
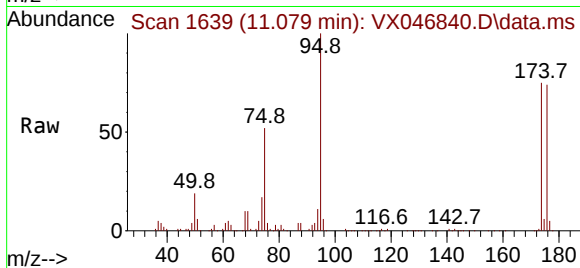
RPXY42025DL

Tgt Ion: 75 Resp: 59509

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.824 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046840.D

Acq: 30 Jun 2025 15:23

Tgt Ion: 75 Resp: 59509

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

