

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047135.D
 Acq On : 25 Jul 2025 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 26 00:27:23 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)

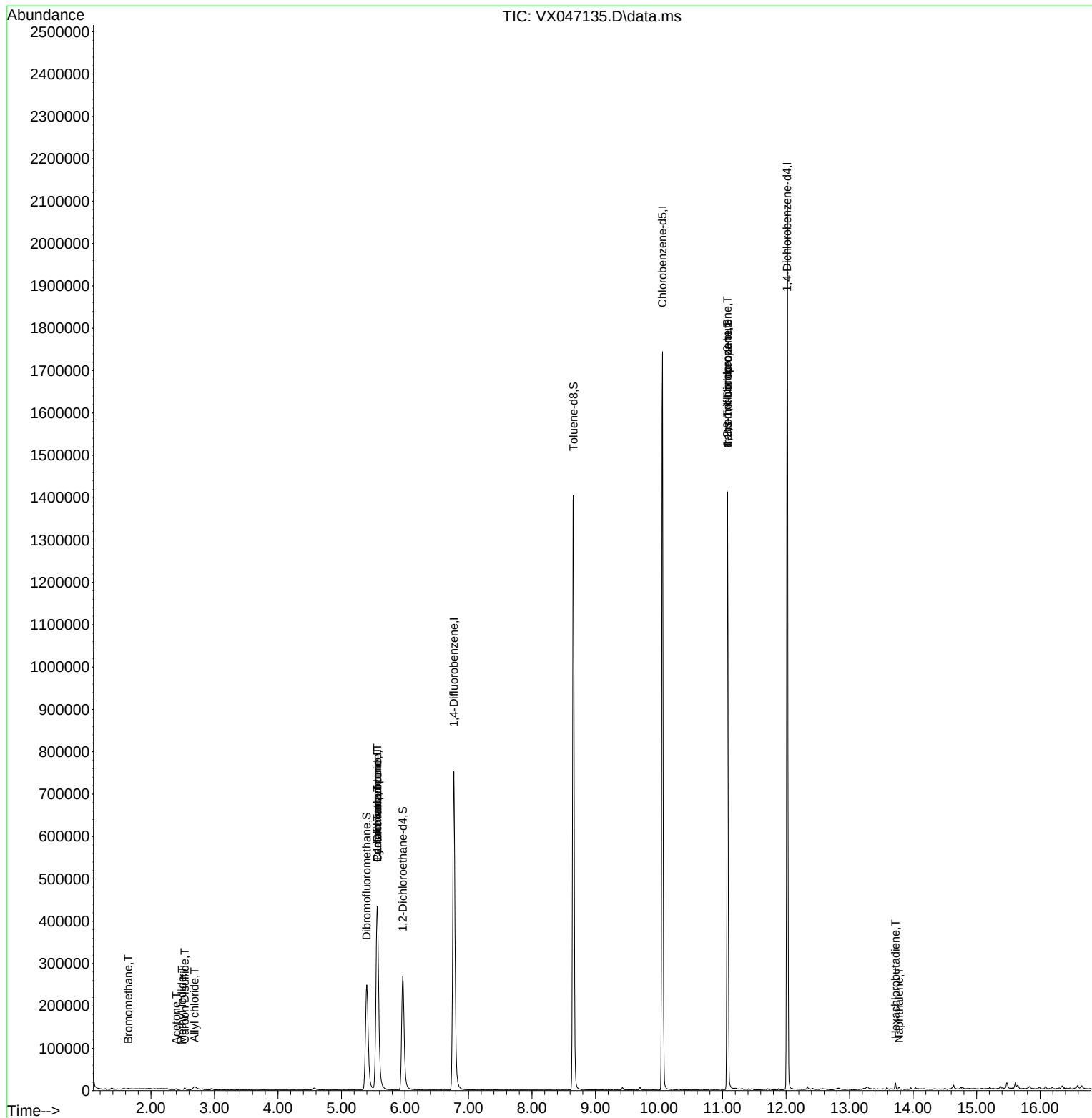
Internal Standards						
1) Pentafluorobenzene	5.562	168	430594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	791262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	761689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	400500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	280367	52.270	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.540%	
35) Dibromofluoromethane	5.397	113	233904	47.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.760%	
50) Toluene-d8	8.653	98	864519	54.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	11.079	95	368815	54.092	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	838	0.254	ug/l #	77
10) Methyl Iodide	2.489	142	3517	0.632	ug/l	96
11) Tert butyl alcohol	2.953	59	265	Below Cal	#	72
14) Allyl chloride	2.684	41	15700	1.605	ug/l #	34
16) Acetone	2.398	43	2372	1.104	ug/l	96
17) Carbon Disulfide	2.532	76	4311	0.275	ug/l #	94
31) Cyclohexane	5.562	56	10075	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	37214	4.469	ug/l #	50
38) Carbon Tetrachloride	5.562	117	45369	5.104	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	193758	26.137	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	193758	67.340	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1968	0.636	ug/l	94
95) Naphthalene	13.780	128	5553	0.208	ug/l #	91

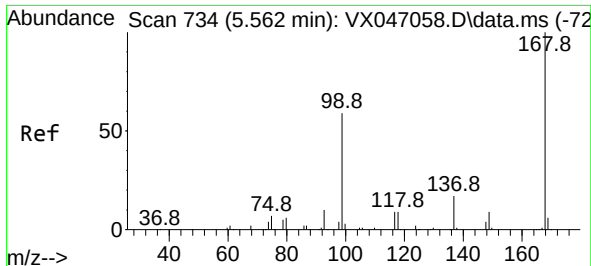
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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IBLK

Quant Time: Jul 26 00:27:23 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

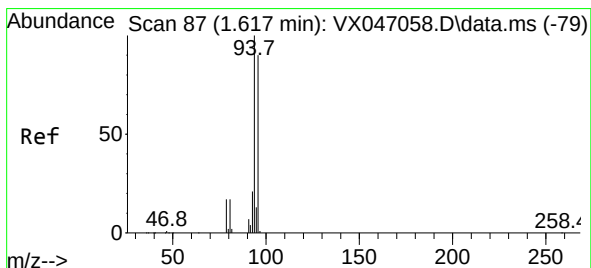
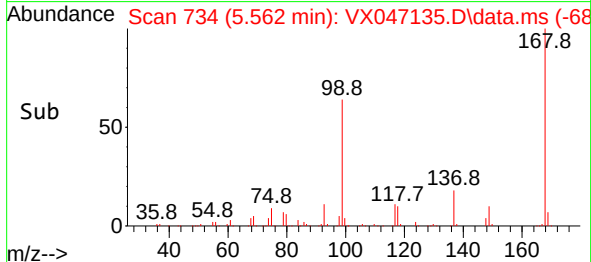
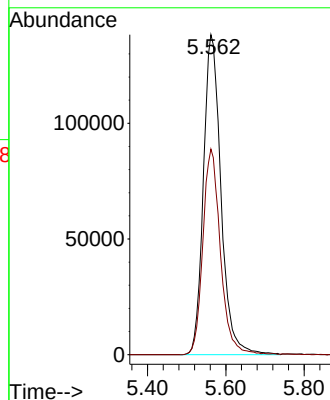
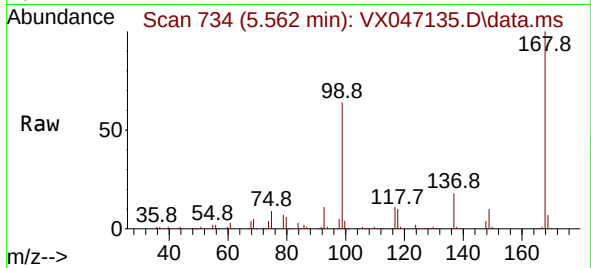




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

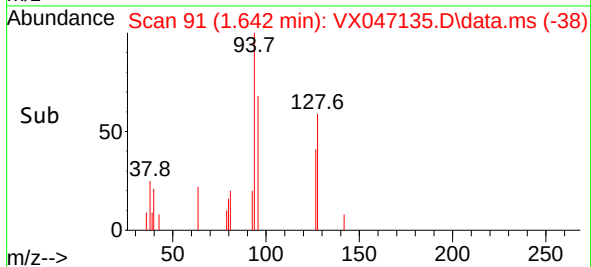
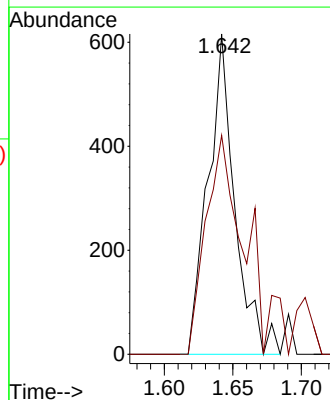
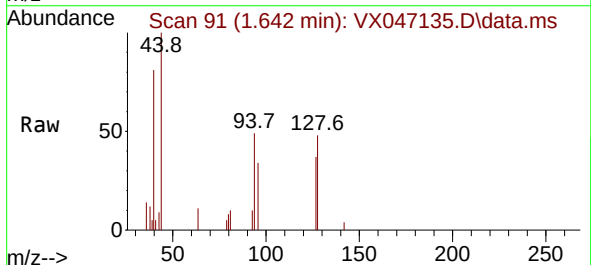
Instrument :
MSVOA_X
ClientSampleId :
IBLK

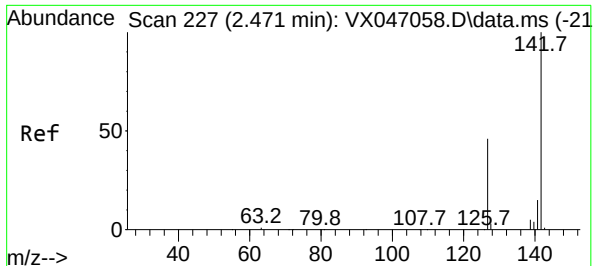
Tgt Ion:168 Resp: 430594
Ion Ratio Lower Upper
168 100
99 64.3 48.0 72.0



#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 94 Resp: 838
Ion Ratio Lower Upper
94 100
96 68.3 72.3 108.5#

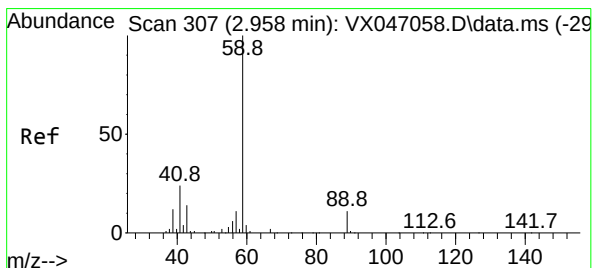
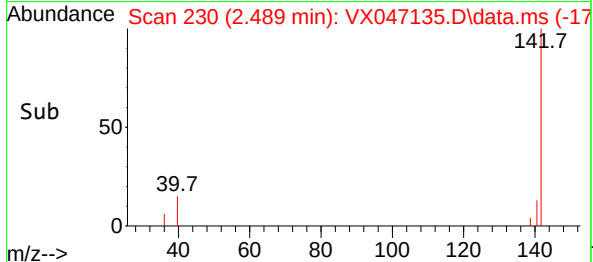
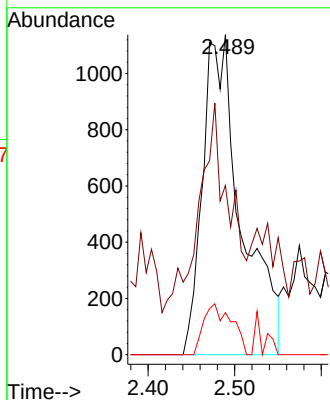
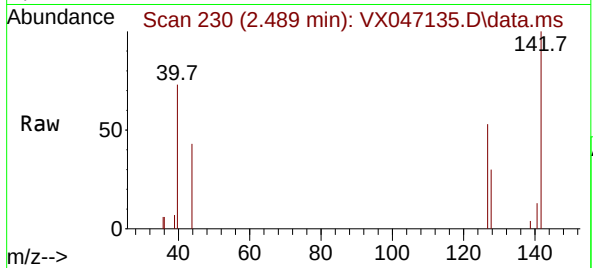




#10
Methyl Iodide
Concen: 0.632 ug/l
RT: 2.489 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

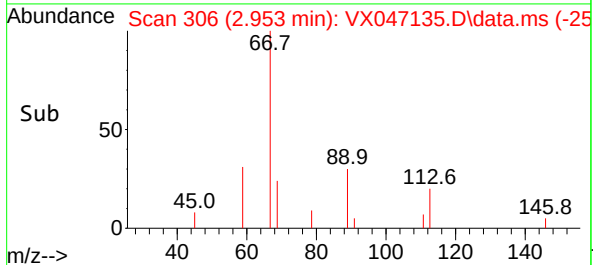
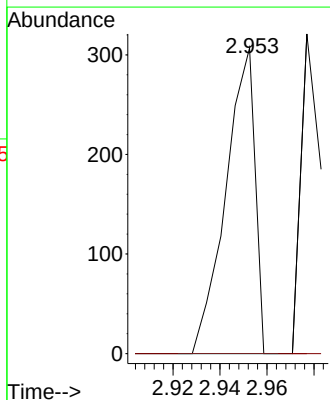
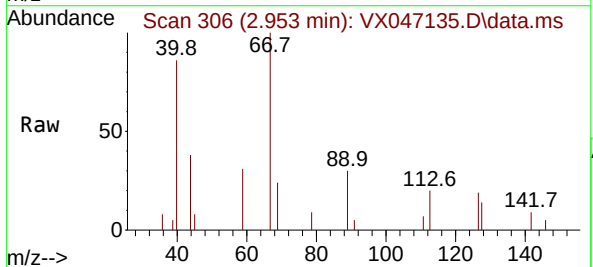
Instrument :
MSVOA_X
ClientSampleId :
IBLK

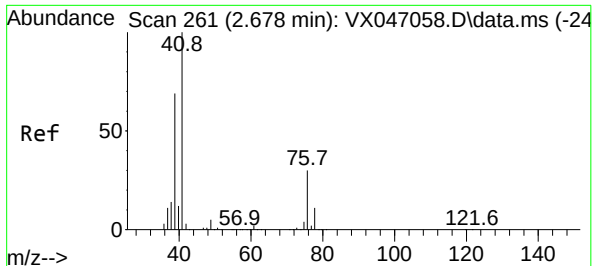
Tgt Ion:142 Resp: 3517
Ion Ratio Lower Upper
142 100
127 43.5 36.6 54.8
141 11.6 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

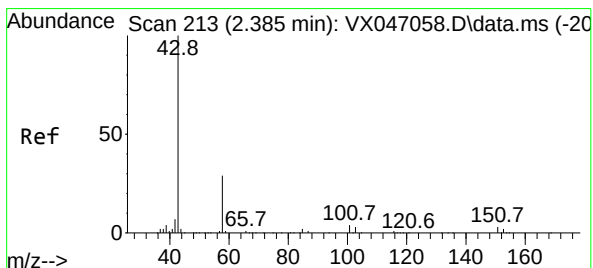
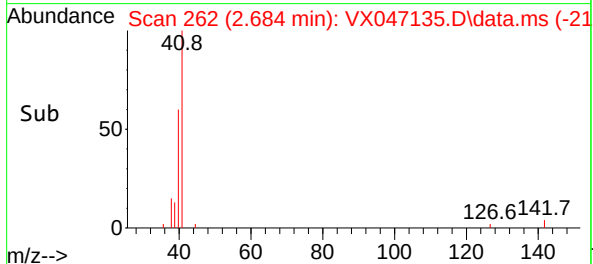
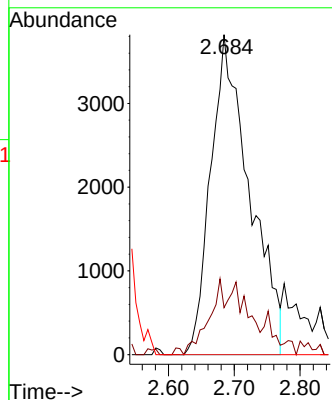
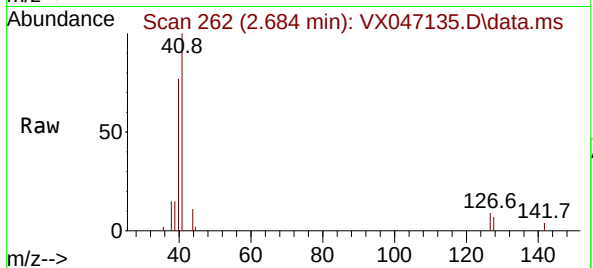




#14
 Allyl chloride
 Concen: 1.605 ug/l
 RT: 2.684 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VX047135.D
 Acq: 25 Jul 2025 12:21

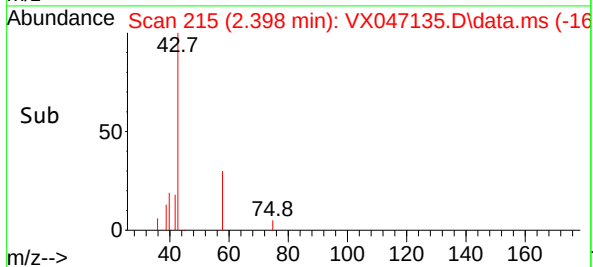
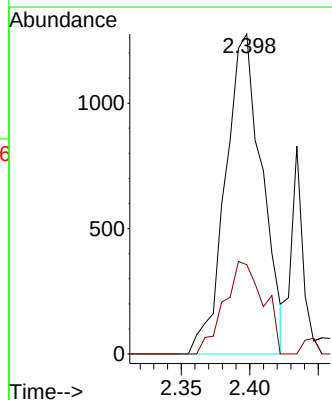
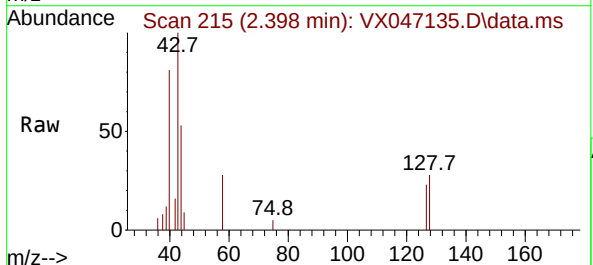
Instrument :
 MSVOA_X
 ClientSampleId :
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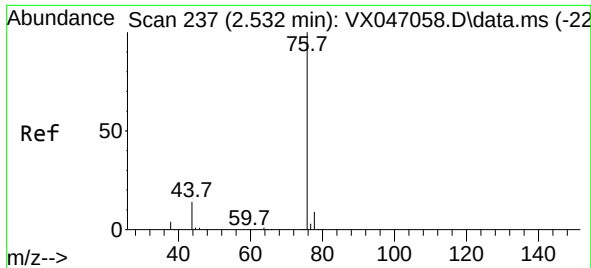
Tgt Ion: 41 Resp: 15700
 Ion Ratio Lower Upper
 41 100
 39 9.6 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 1.104 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VX047135.D
 Acq: 25 Jul 2025 12:21

Tgt Ion: 43 Resp: 2372
 Ion Ratio Lower Upper
 43 100
 58 27.9 24.0 36.0

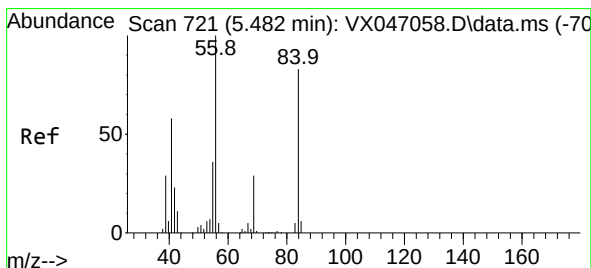
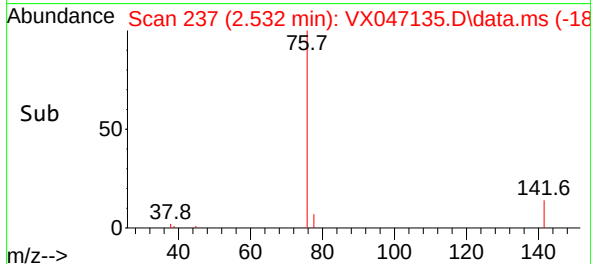
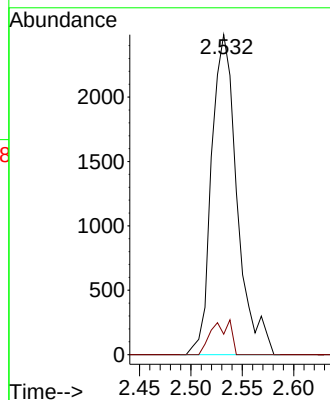
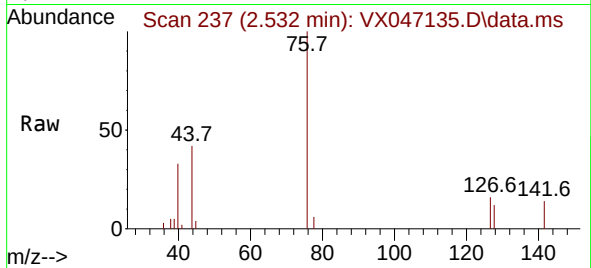




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

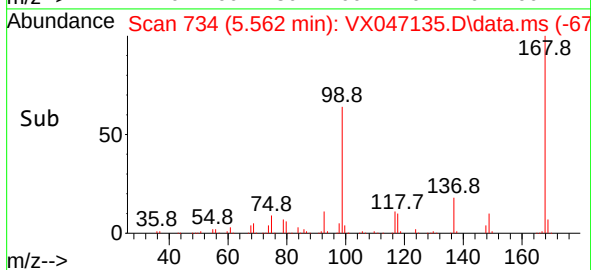
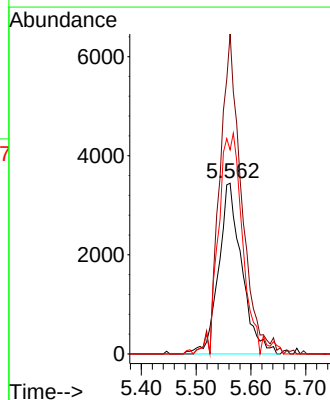
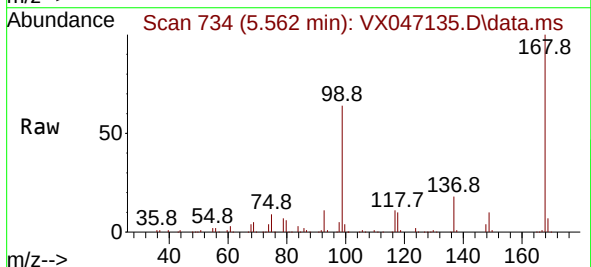
Instrument :
MSVOA_X
ClientSampleId :
IBLK

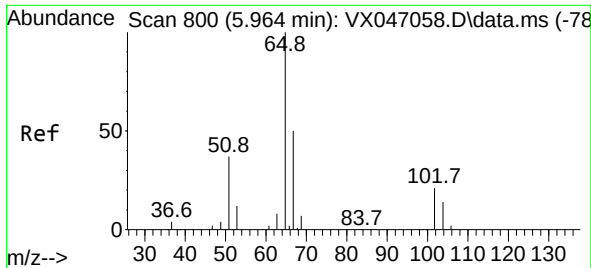
Tgt Ion: 76 Resp: 4311
Ion Ratio Lower Upper
76 100
78 6.4 7.0 10.4#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 56 Resp: 10075
Ion Ratio Lower Upper
56 100
69 187.4 23.3 34.9#
84 119.5 66.5 99.7#

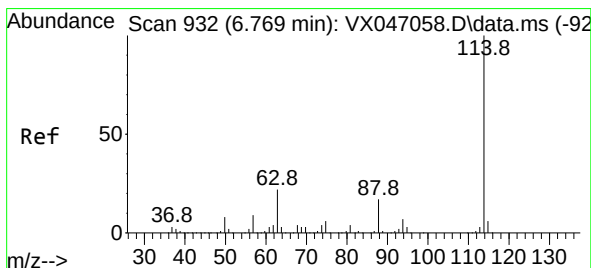
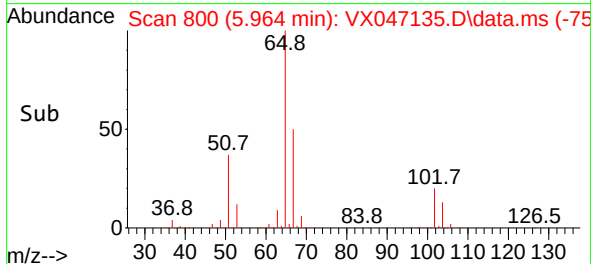
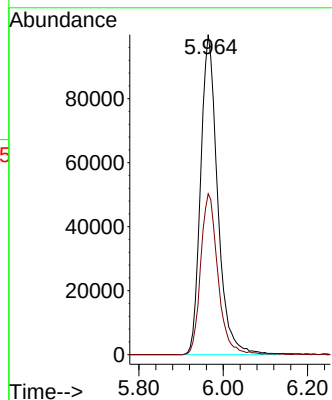
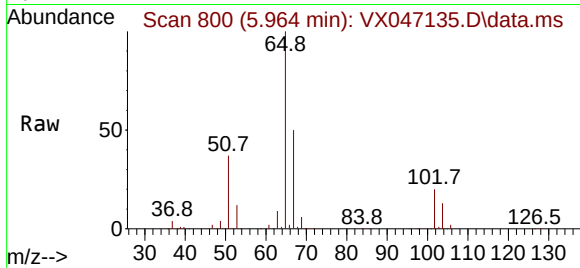




#33
1,2-Dichloroethane-d4
Concen: 52.270 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

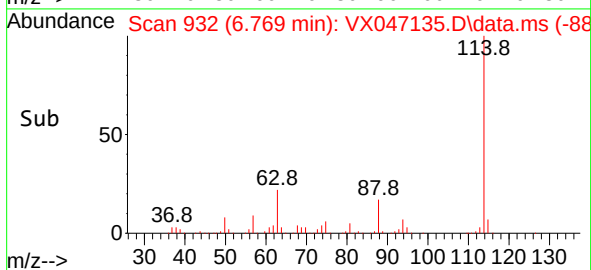
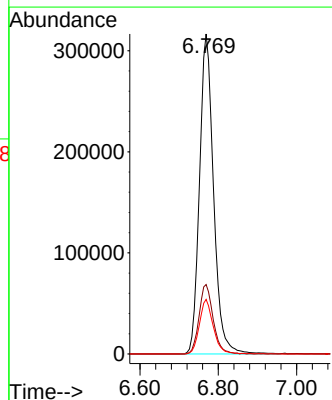
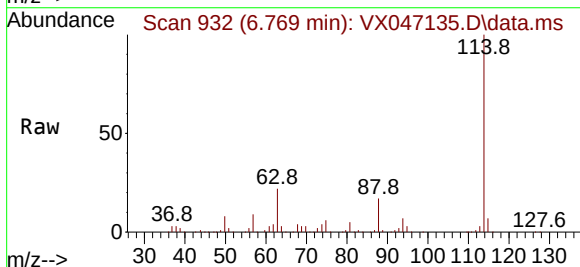
Instrument :
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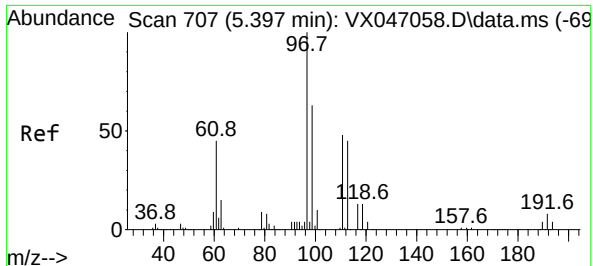
Tgt Ion: 65 Resp: 280367
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 114 Resp: 791262
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 17.1 0.0 33.8

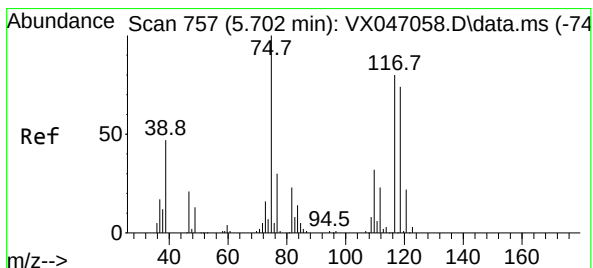
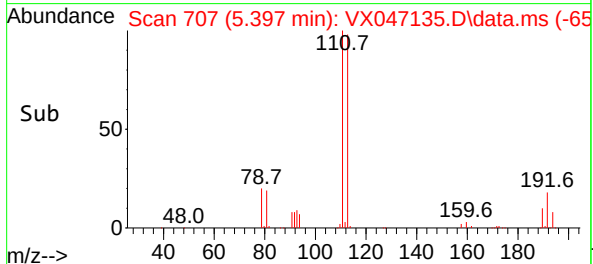
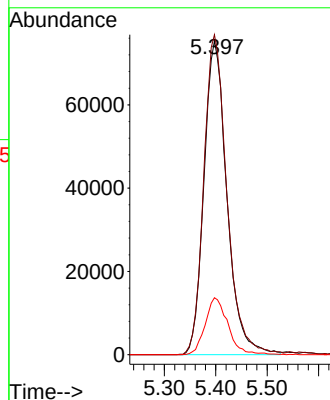
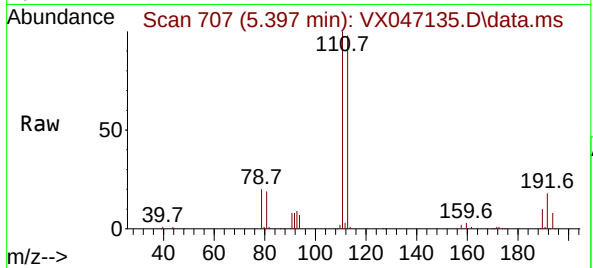




#35
Dibromofluoromethane
Concen: 47.877 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

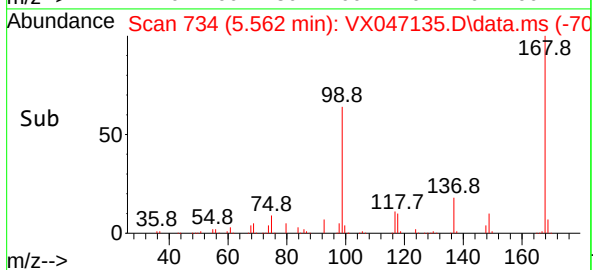
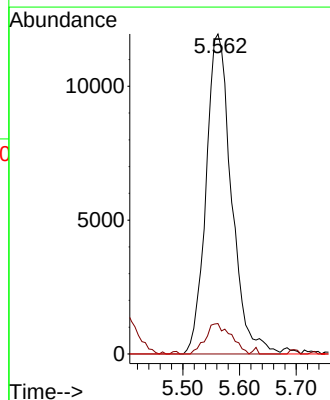
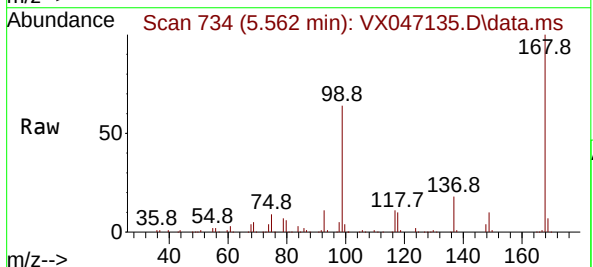
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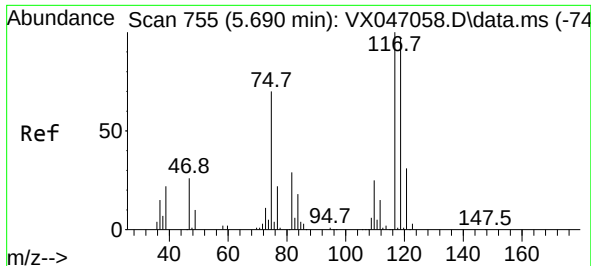
Tgt Ion:113 Resp: 233904
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

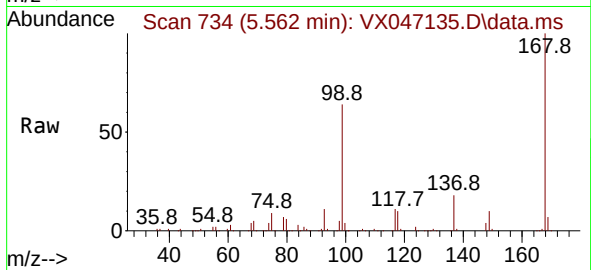
Tgt Ion: 75 Resp: 37214
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.5#
77 0.0 25.1 37.7#



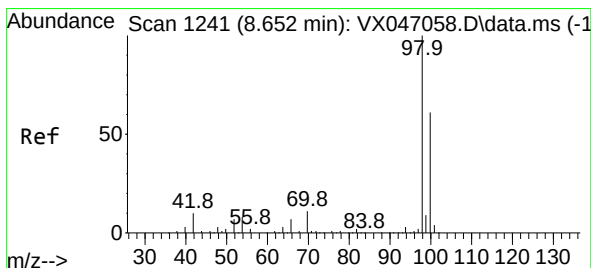
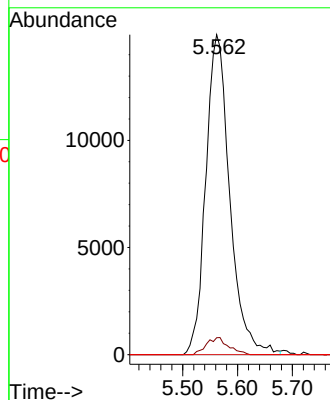
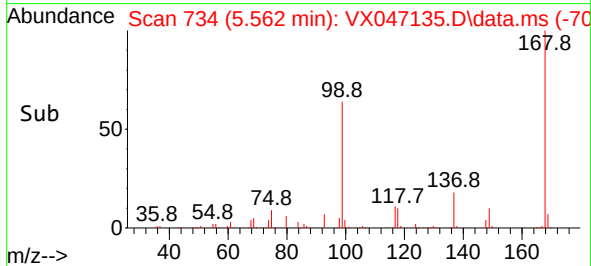


#38
Carbon Tetrachloride
Concen: 5.104 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK

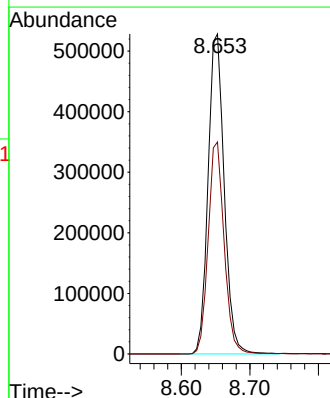
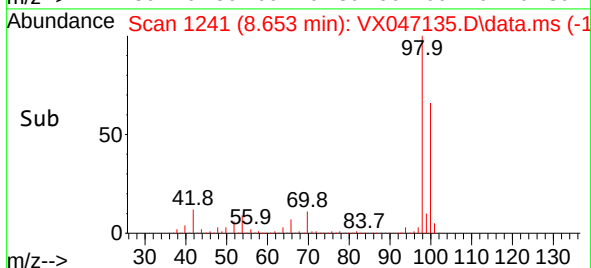
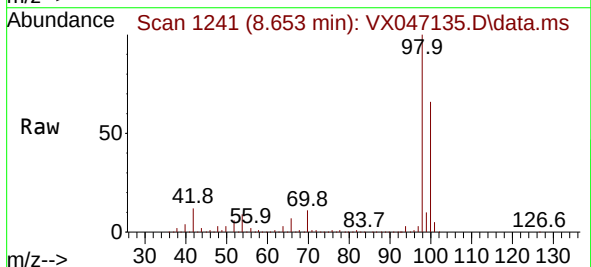


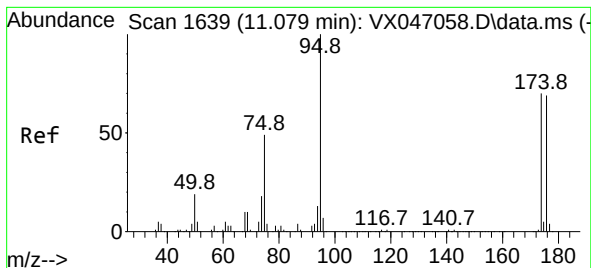
Tgt Ion:117 Resp: 45369
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 54.642 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 98 Resp: 864519
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9

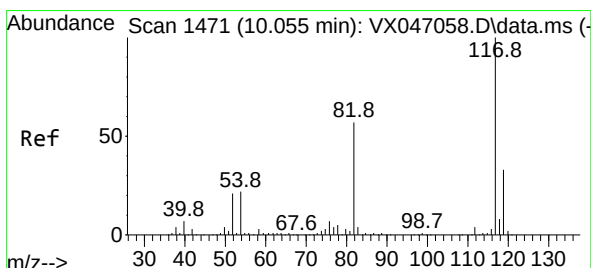
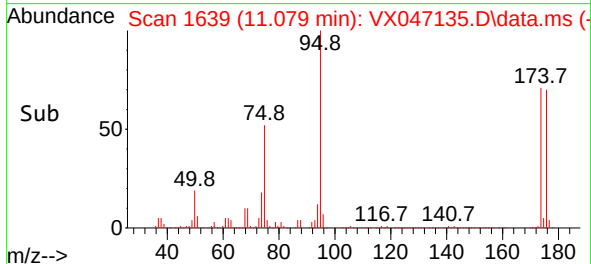
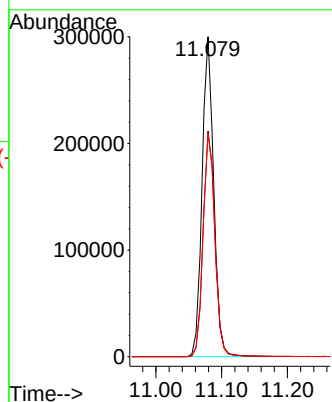
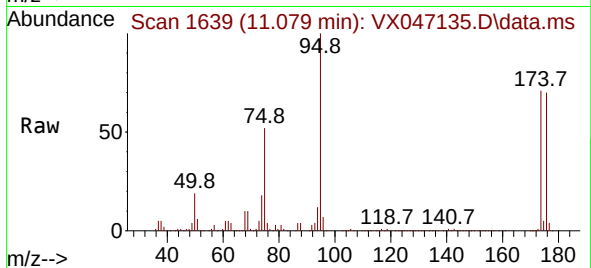




#62
4-Bromofluorobenzene
Concen: 54.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

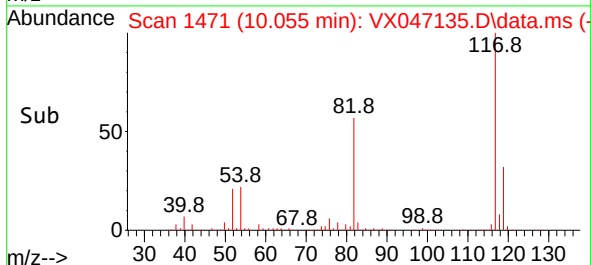
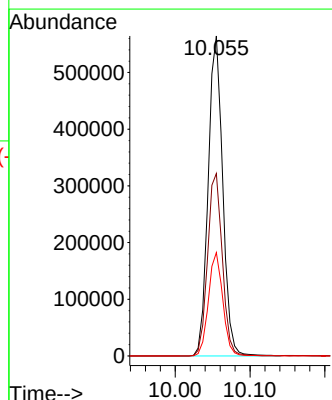
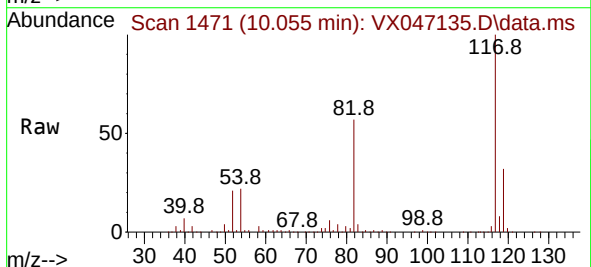
Instrument :
MSVOA_X
ClientSampleId :
IBLK

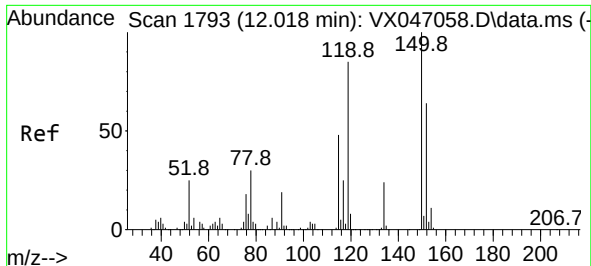
Tgt Ion: 95 Resp: 368815
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.6
176 70.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Tgt Ion: 117 Resp: 761689
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.3 26.1 39.1

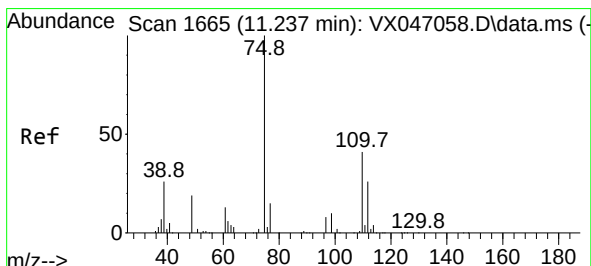
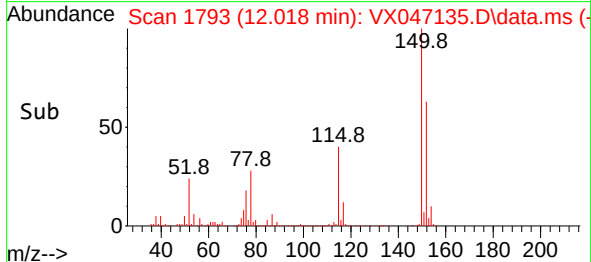
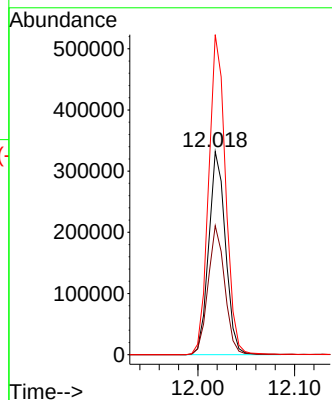
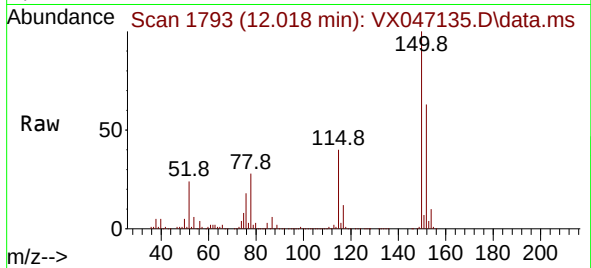




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047135.D
 Acq: 25 Jul 2025 12:21

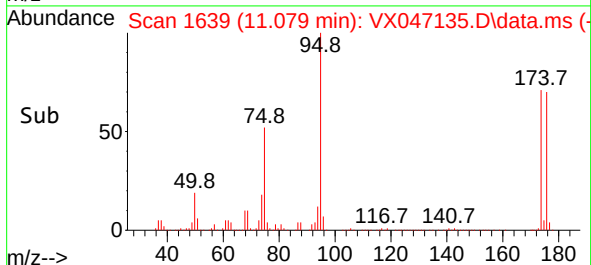
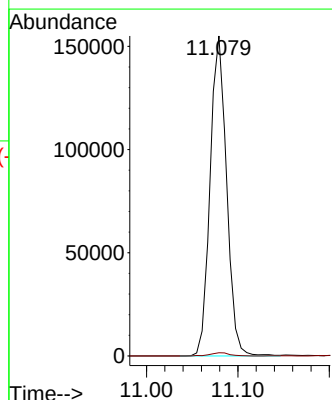
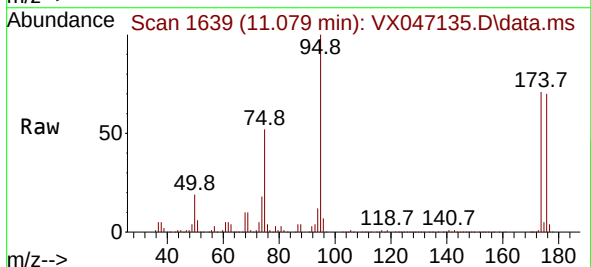
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

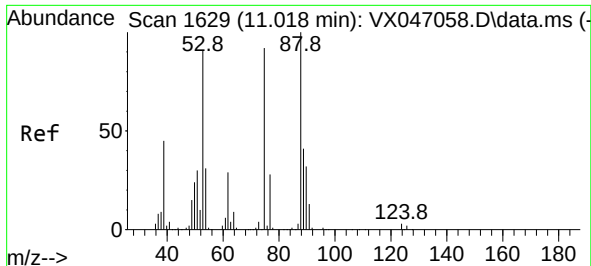
Tgt Ion:152 Resp: 400500
 Ion Ratio Lower Upper
 152 100
 115 63.3 45.6 136.7
 150 159.2 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 26.137 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047135.D
 Acq: 25 Jul 2025 12:21

Tgt Ion: 75 Resp: 193758
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 65.0#

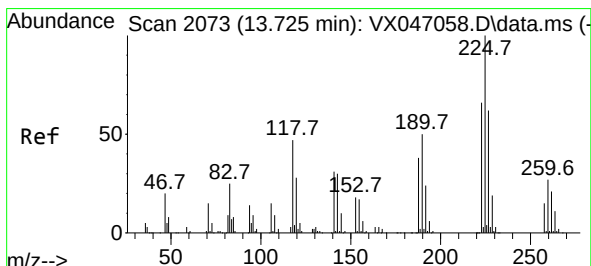
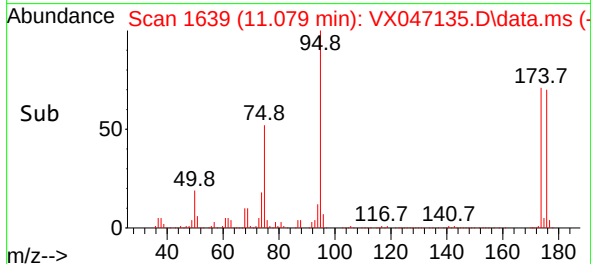
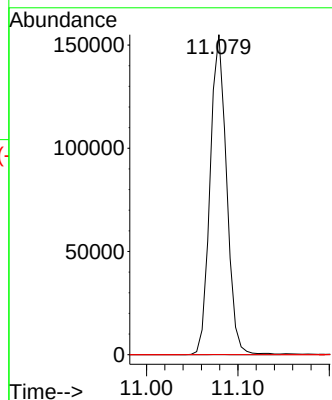
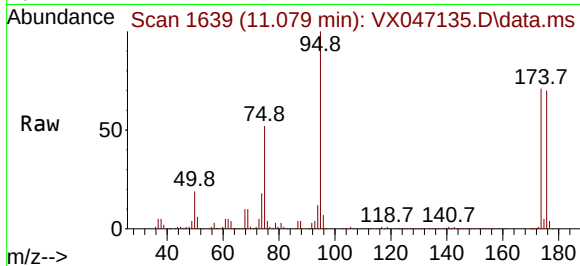




#81
trans-1,4-Dichloro-2-butene
Concen: 67.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

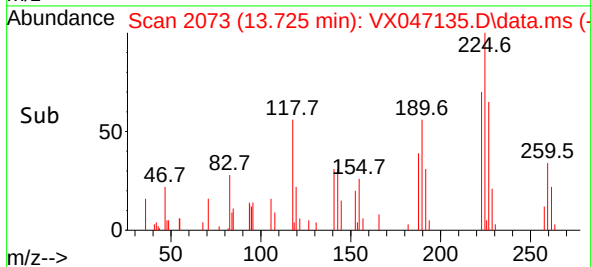
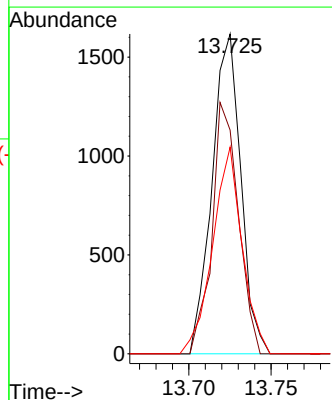
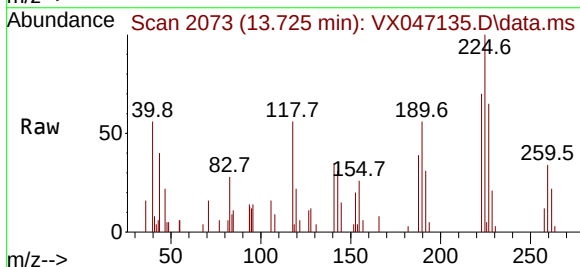
Instrument :
MSVOA_X
ClientSampleId :
IBLK

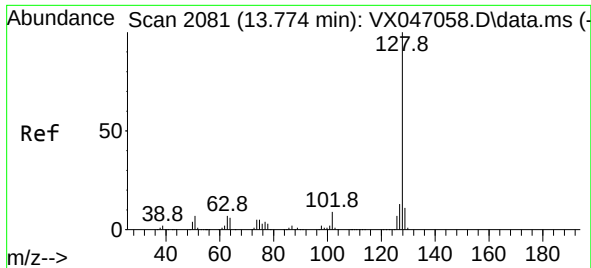
Tgt Ion: 75 Resp: 193758
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.636 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

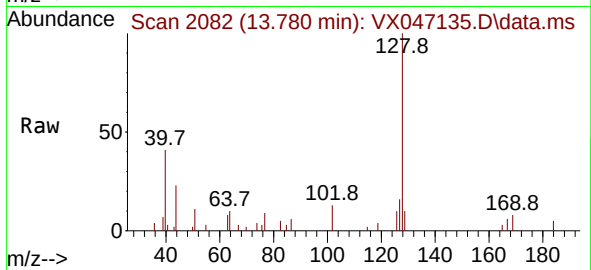
Tgt Ion: 225 Resp: 1968
Ion Ratio Lower Upper
225 100
223 71.7 31.6 95.0
227 66.3 32.9 98.6





#95
Naphthalene
Concen: 0.208 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX047135.D
Acq: 25 Jul 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 5553
Ion Ratio Lower Upper
128 100
127 7.6 10.1 15.1#
129 9.3 8.6 13.0

