

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047203.D
 Acq On : 01 Aug 2025 10:50
 Operator : JC/MD
 Sample : VX0801MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 00:23:58 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)

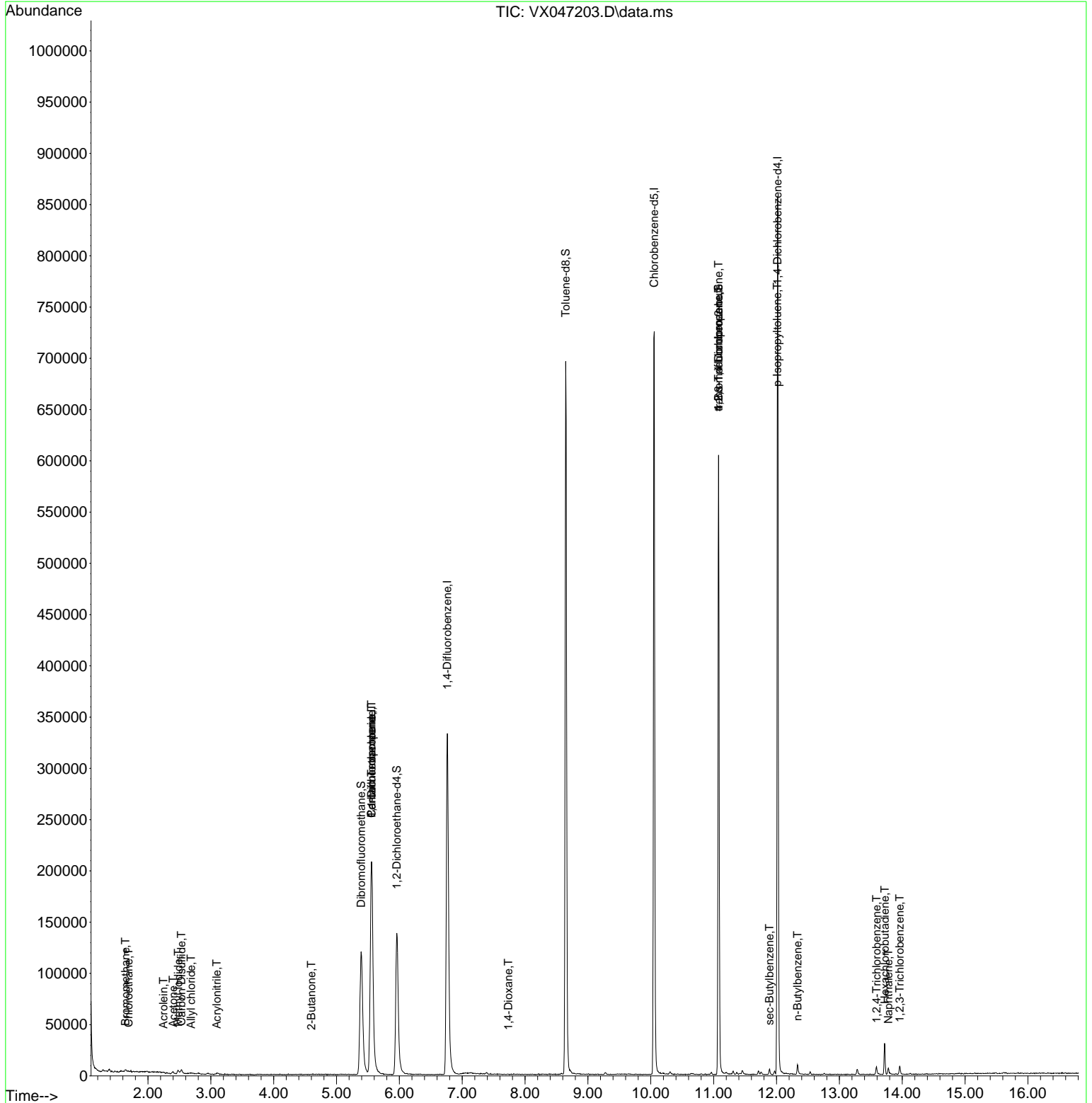
Internal Standards						
1) Pentafluorobenzene	5.556	168	208512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149141	57.419	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	114.840%	
35) Dibromofluoromethane	5.391	113	116560	52.357	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.720%	
50) Toluene-d8	8.647	98	420210	58.284	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	116.560%#	
62) 4-Bromofluorobenzene	11.079	95	163706	52.690	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	105.380%	
Target Compounds						
						Qvalue
5) Bromomethane	1.642	94	1354	0.846	ug/l	83
6) Chloroethane	1.691	64	938	0.485	ug/l #	43
10) Methyl Iodide	2.483	142	5509	2.043	ug/l #	98
11) Tert butyl alcohol	3.105	59	21	Below Cal	#	72
13) Acrolein	2.245	56	196	0.350	ug/l #	1
14) Allyl chloride	2.684	41	1540	0.325	ug/l #	47
15) Acrylonitrile	3.093	53	429	0.346	ug/l #	35
16) Acetone	2.398	43	3116	2.995	ug/l #	82
17) Carbon Disulfide	2.532	76	3876	0.511	ug/l	96
25) 2-Butanone	4.599	43	502	0.331	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	17545	4.623	ug/l #	51
38) Carbon Tetrachloride	5.556	117	23235	5.737	ug/l #	17
49) 1,4-Dioxane	7.732	88	23	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87440	27.909	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	87440	71.904	ug/l #	8
85) sec-Butylbenzene	11.890	105	2804	0.203	ug/l	98
86) p-Isopropyltoluene	12.012	119	2659	0.232	ug/l #	74
89) n-Butylbenzene	12.335	91	4216	0.392	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2343	0.610	ug/l	92
94) Hexachlorobutadiene	13.725	225	3873	2.963	ug/l	94
95) Naphthalene	13.780	128	4977	0.442	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	2232	0.603	ug/l	91

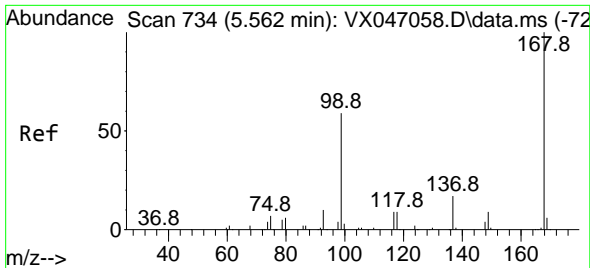
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047203.D
 Acq On : 01 Aug 2025 10:50
 Operator : JC/MD
 Sample : VX0801MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

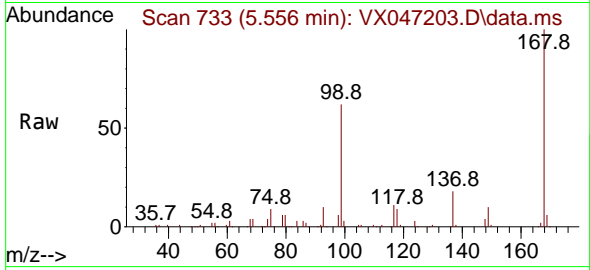
Quant Time: Aug 02 00:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration



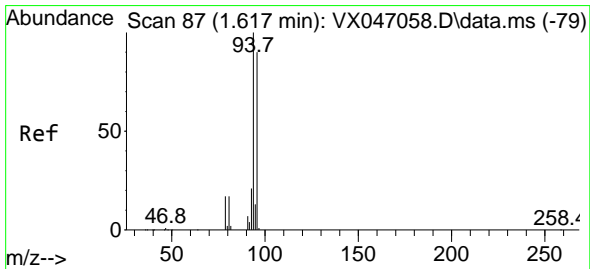
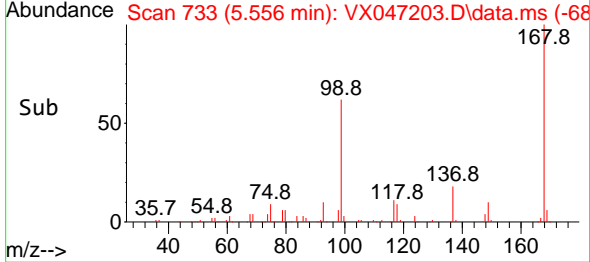
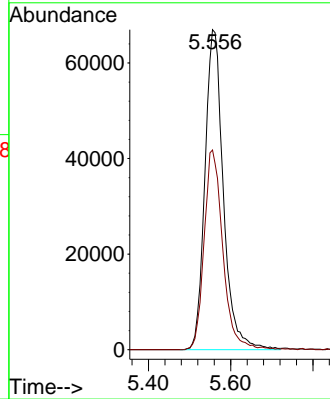


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :

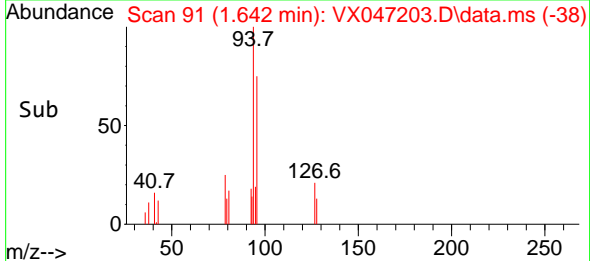
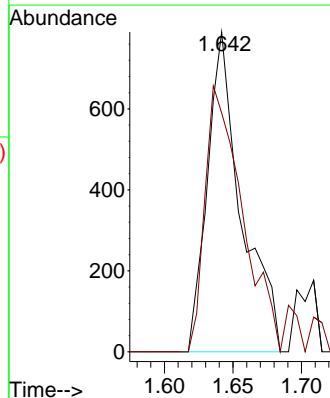
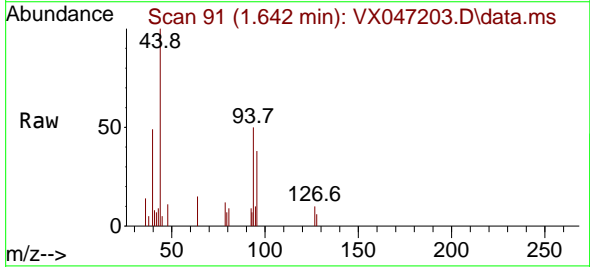


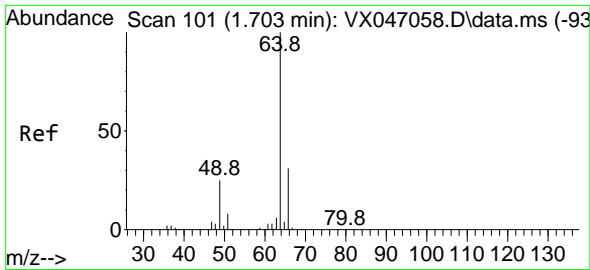
Tgt Ion:168 Resp: 208512
 Ion Ratio Lower Upper
 168 100
 99 62.4 48.0 72.0



#5
 Bromomethane
 Concen: 0.846 ug/l
 RT: 1.642 min Scan# 91
 Delta R.T. 0.025 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

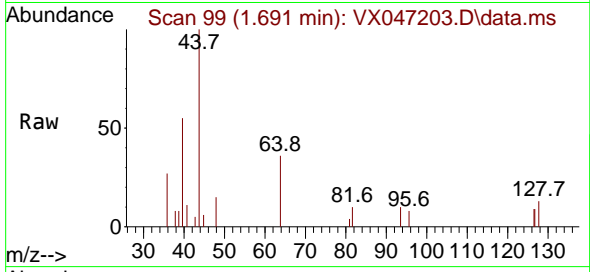
Tgt Ion: 94 Resp: 1354
 Ion Ratio Lower Upper
 94 100
 96 74.7 72.3 108.5



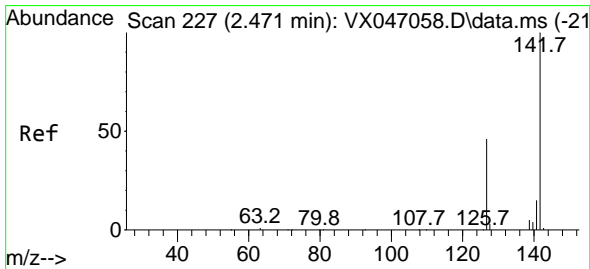
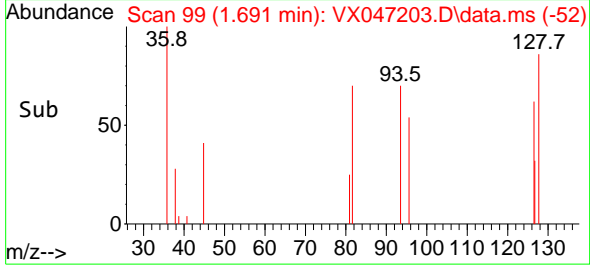
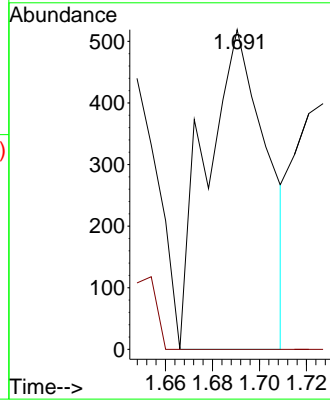


#6
 Chloroethane
 Concen: 0.485 ug/l
 RT: 1.691 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :

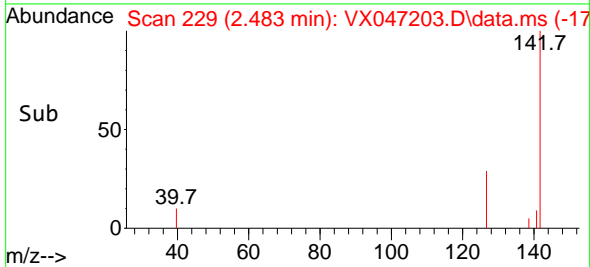
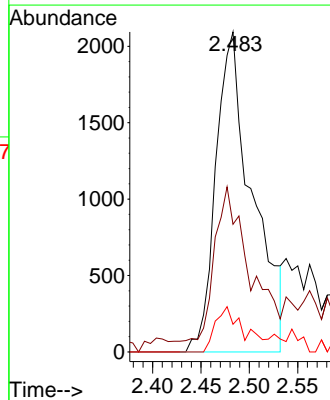
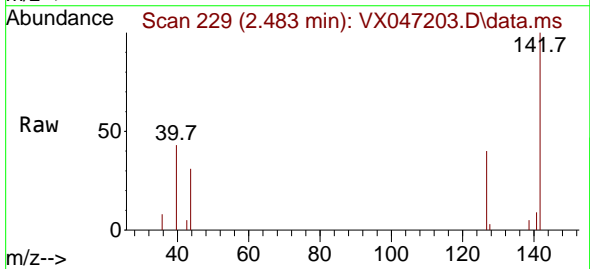


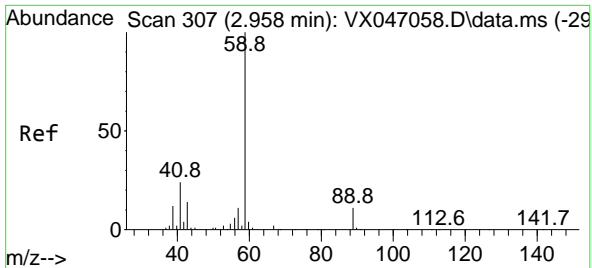
Tgt Ion: 64 Resp: 938
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.0 37.6#



#10
 Methyl Iodide
 Concen: 2.043 ug/l
 RT: 2.483 min Scan# 229
 Delta R.T. 0.012 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Tgt Ion:142 Resp: 5509
 Ion Ratio Lower Upper
 142 100
 127 45.3 36.6 54.8
 141 10.8 10.9 16.3#

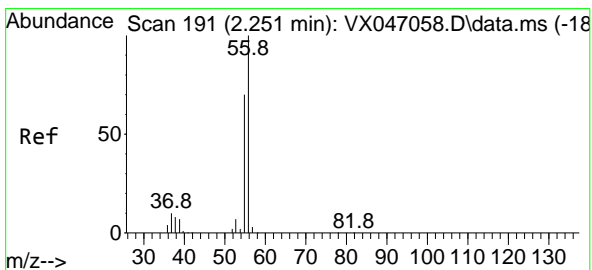
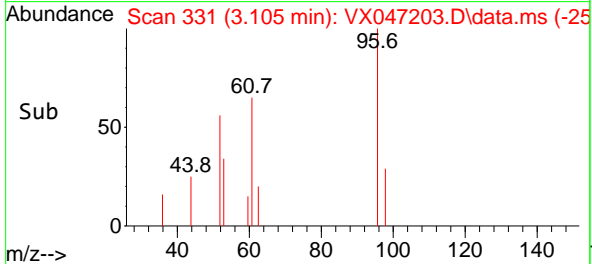
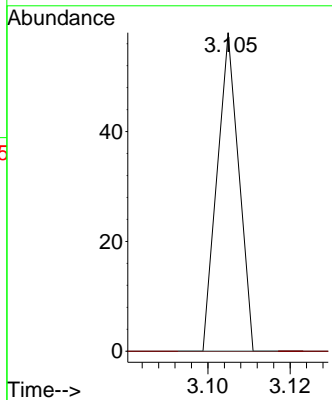
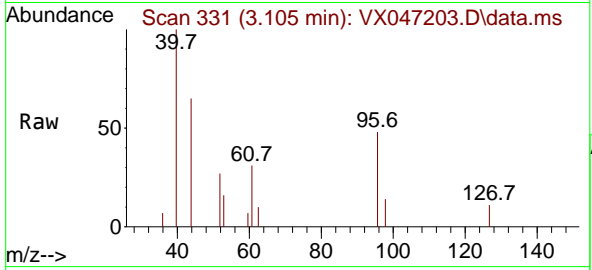




#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 3.105 min Scan# 31
 Delta R.T. 0.147 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

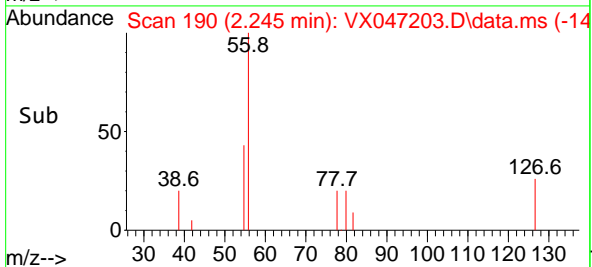
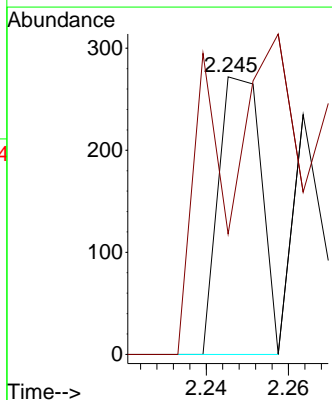
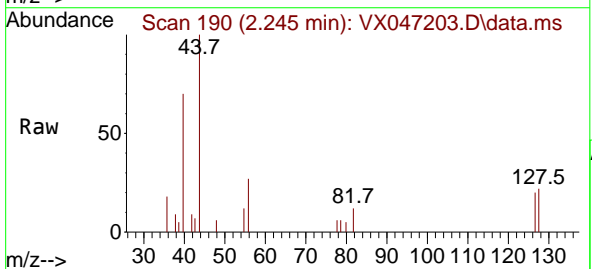
Instrument :
 MSVOA_X
 ClientSampleId :

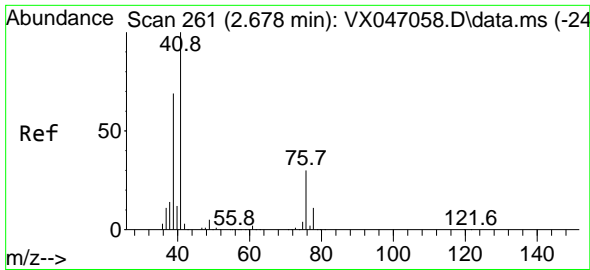
Tgt Ion: 59 Resp: 21
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#13
 Acrolein
 Concen: 0.350 ug/l
 RT: 2.245 min Scan# 190
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

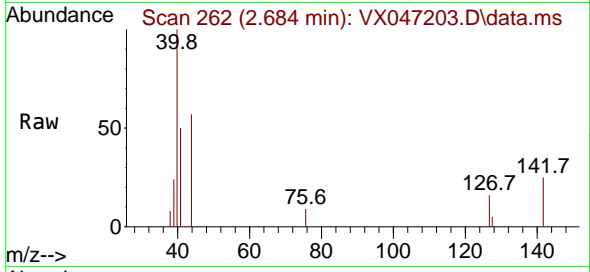
Tgt Ion: 56 Resp: 196
 Ion Ratio Lower Upper
 56 100
 55 288.3 55.7 83.5#



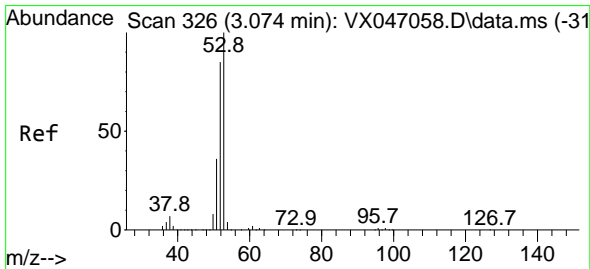
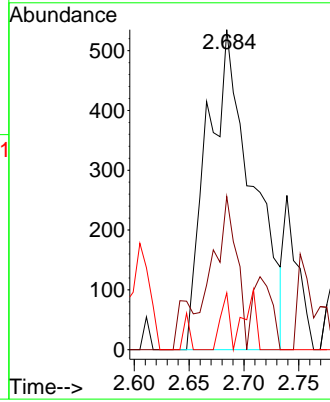
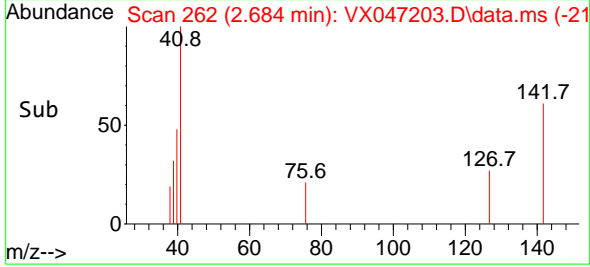


#14
 Allyl chloride
 Concen: 0.325 ug/l
 RT: 2.684 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

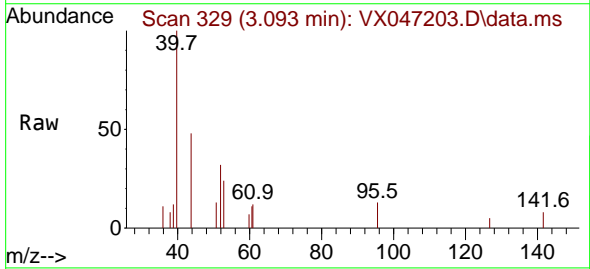
Instrument :
 MSVOA_X
 ClientSampleId :



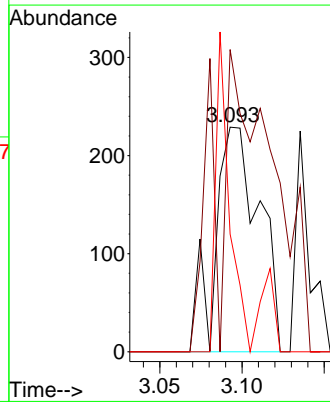
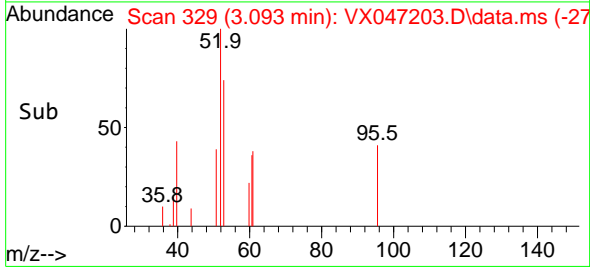
Tgt Ion: 41 Resp: 1540
 Ion Ratio Lower Upper
 41 100
 39 25.1 52.6 78.8#
 76 0.0 25.7 38.5#

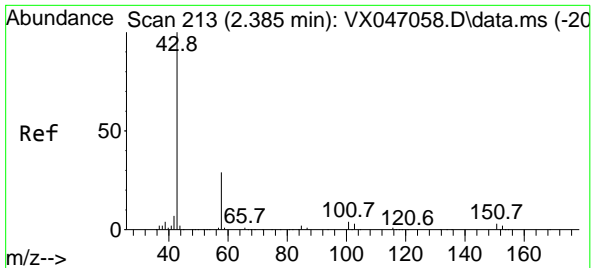


#15
 Acrylonitrile
 Concen: 0.346 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.018 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



Tgt Ion: 53 Resp: 429
 Ion Ratio Lower Upper
 53 100
 52 141.3 65.7 98.5#
 51 0.0 28.8 43.2#

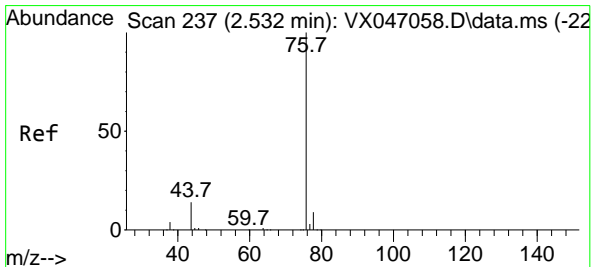
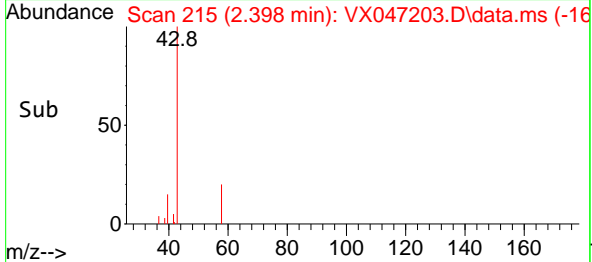
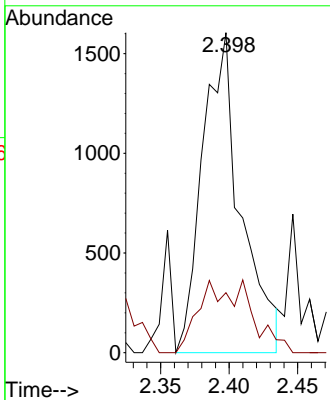
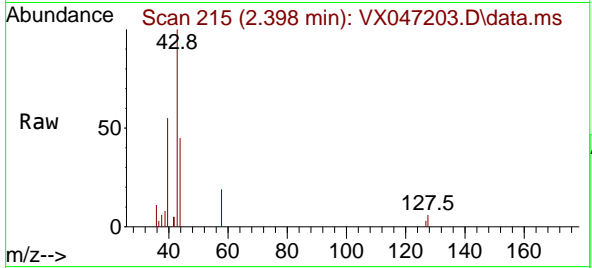




#16
 Acetone
 Concen: 2.995 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

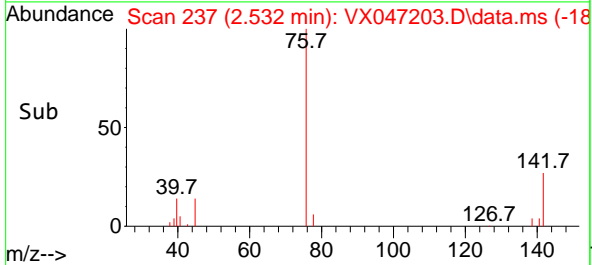
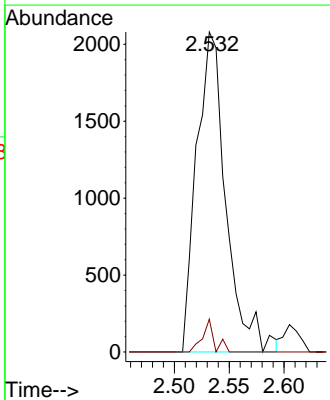
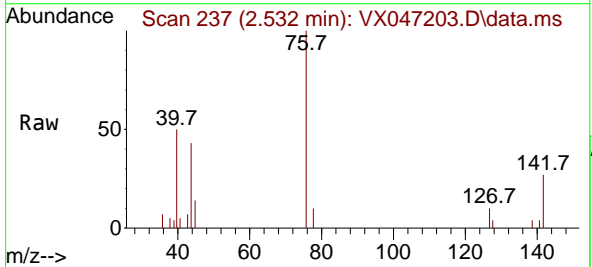
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 ClientSampleId :

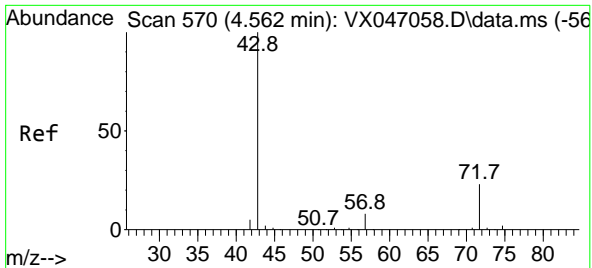
Tgt Ion: 43 Resp: 3116
 Ion Ratio Lower Upper
 43 100
 58 39.5 24.0 36.0#



#17
 Carbon Disulfide
 Concen: 0.511 ug/l
 RT: 2.532 min Scan# 237
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Tgt Ion: 76 Resp: 3876
 Ion Ratio Lower Upper
 76 100
 78 10.3 7.0 10.4

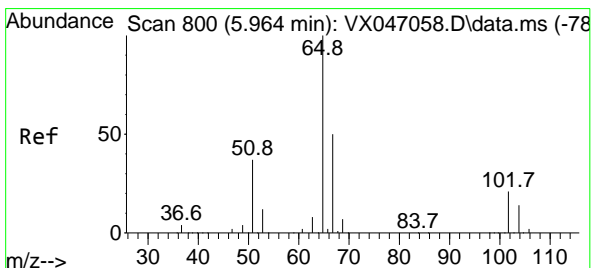
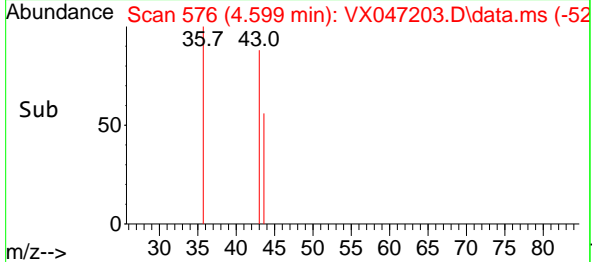
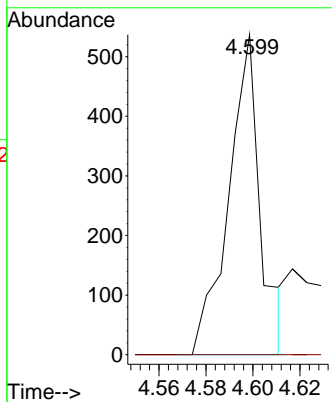
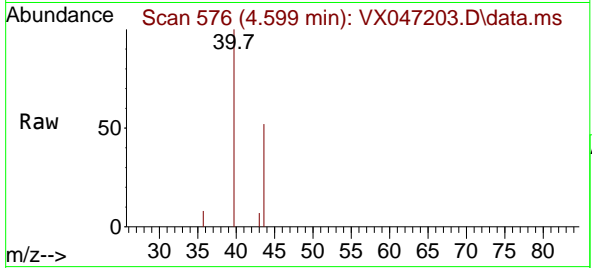




#25
 2-Butanone
 Concen: 0.331 ug/l
 RT: 4.599 min Scan# 51
 Delta R.T. 0.037 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

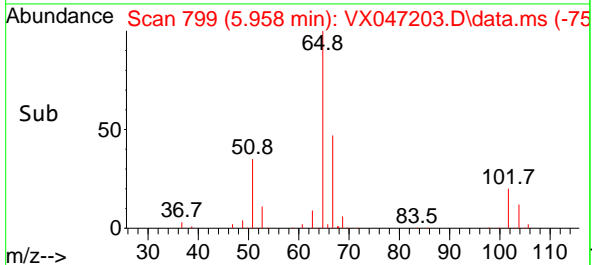
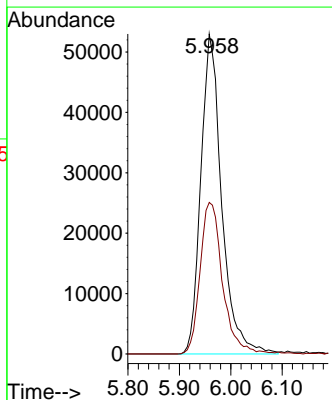
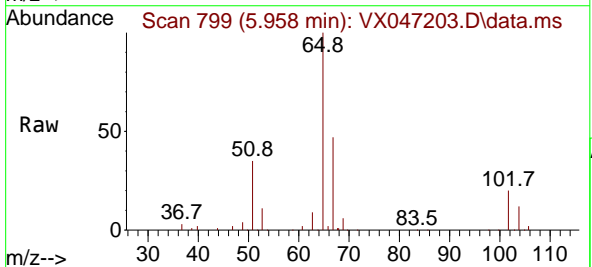
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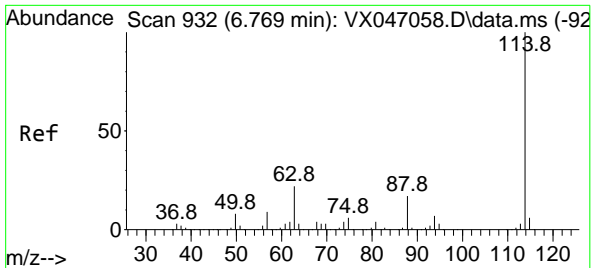
Tgt Ion: 43 Resp: 502
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.8 28.2#



#33
 1,2-Dichloroethane-d4
 Concen: 57.419 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

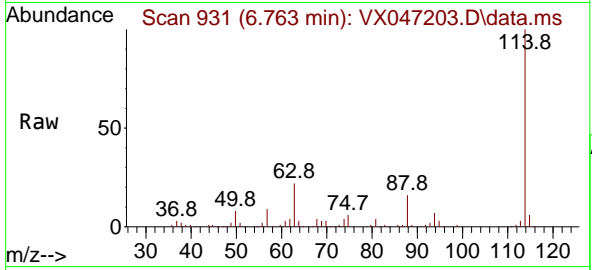
Tgt Ion: 65 Resp: 149141
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8



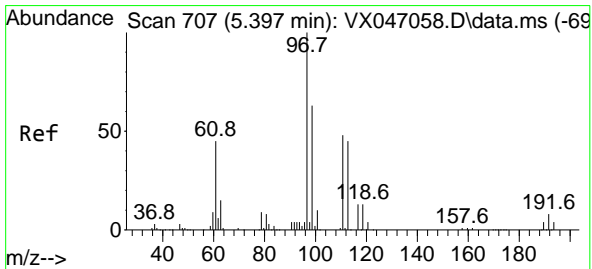
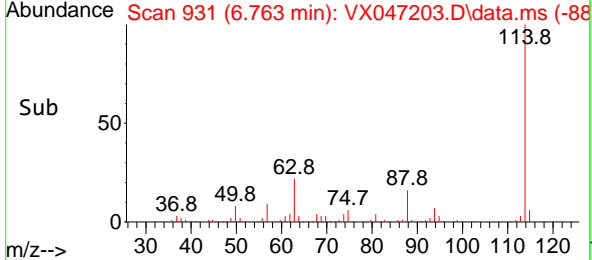
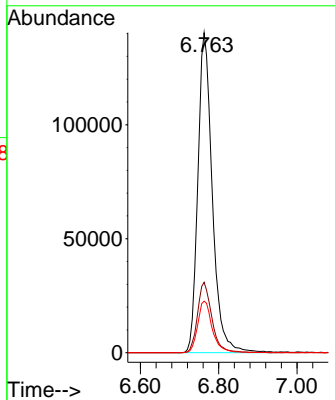


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

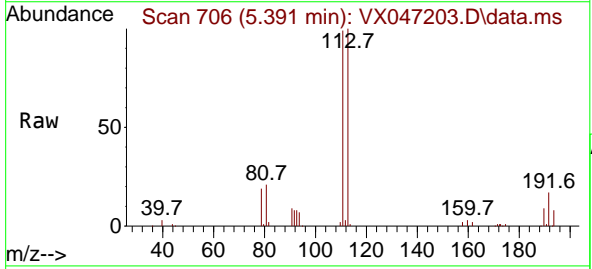
Instrument :
 MSVOA_X
 ClientSampleId :



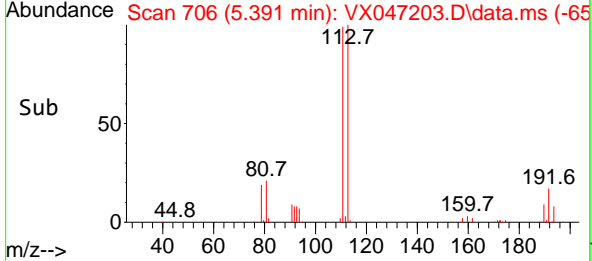
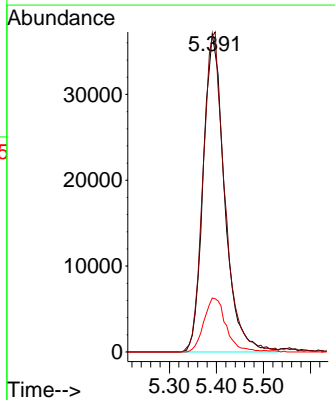
Tgt Ion:114 Resp: 360569
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.1 0.0 33.8

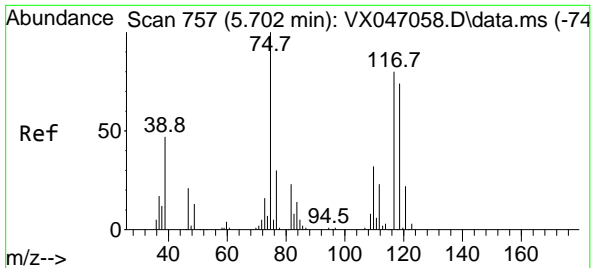


#35
 Dibromofluoromethane
 Concen: 52.357 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



Tgt Ion:113 Resp: 116560
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 124.0
 192 17.6 14.9 22.3

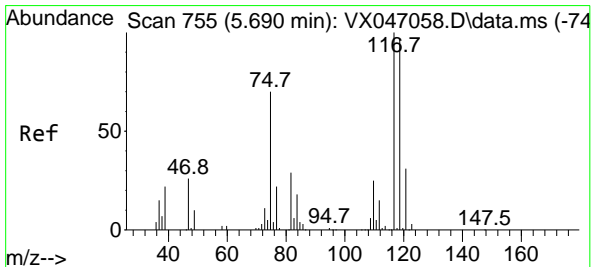
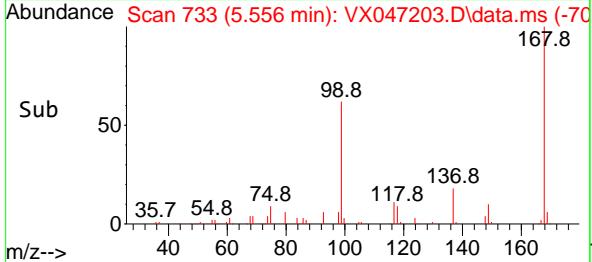
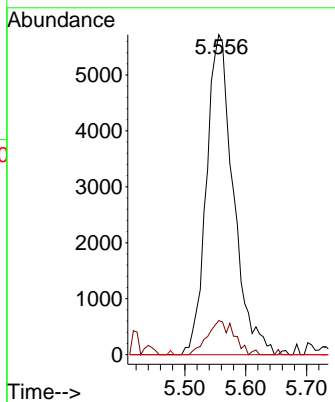
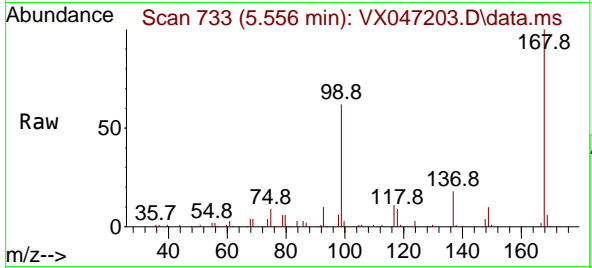




#36
 1,1-Dichloropropene
 Concen: 4.623 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

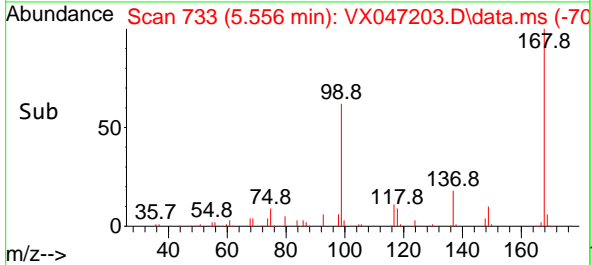
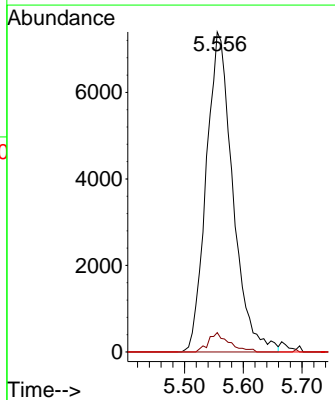
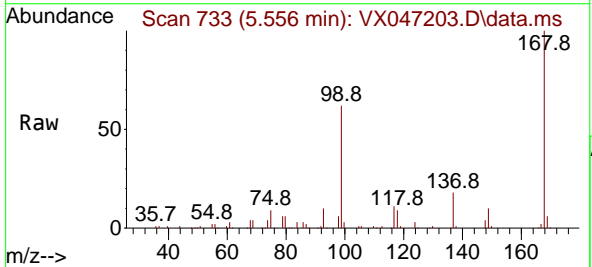
Instrument :
 MSVOA_X
 ClientSampleId :

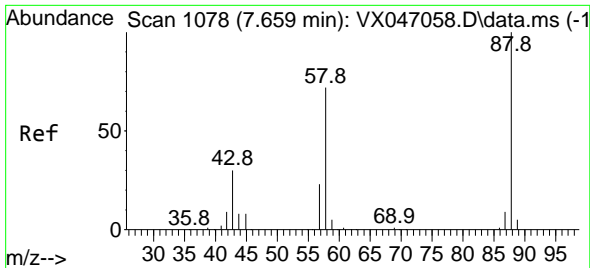
Tgt Ion	Resp	Lower	Upper
75	17545		
75	100		
110	10.5	17.2	51.5#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.737 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

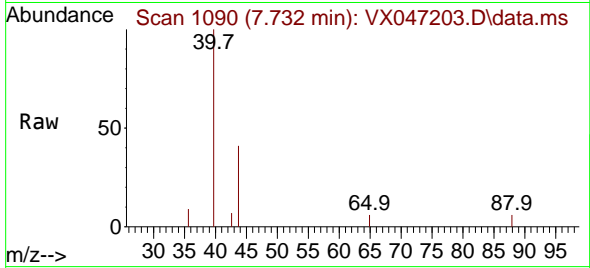
Tgt Ion	Resp	Lower	Upper
117	23235		
117	100		
119	6.1	76.6	115.0#
121	0.0	24.4	36.6#



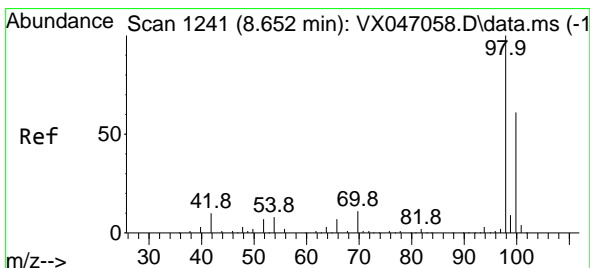
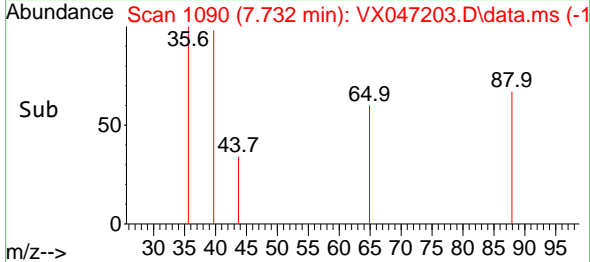
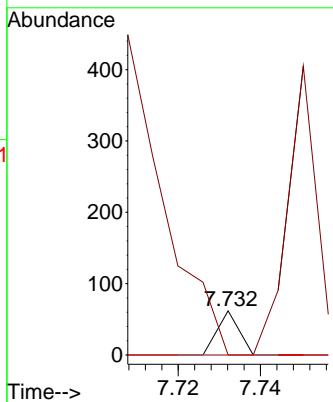


#49
 1,4-Dioxane
 Concen: 0.681 ug/l
 RT: 7.732 min Scan# 1078
 Delta R.T. 0.073 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Instrument : MSVOA_X
 ClientSampleId :

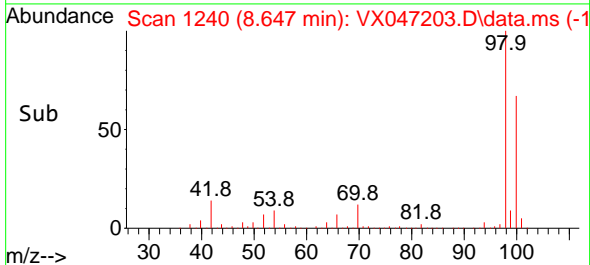
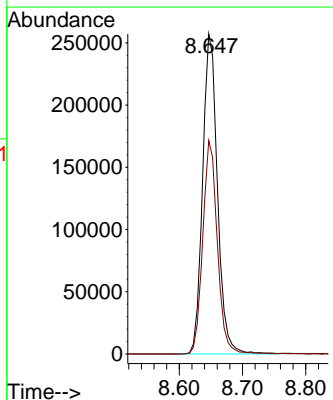
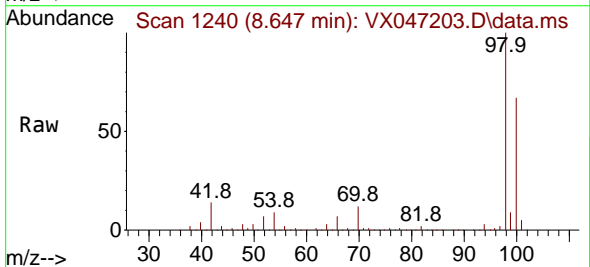


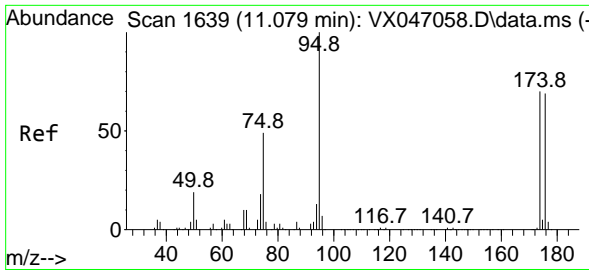
Tgt Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 878.3 33.6 50.4#
 58 0.0 58.8 88.2#



#50
 Toluene-d8
 Concen: 58.284 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

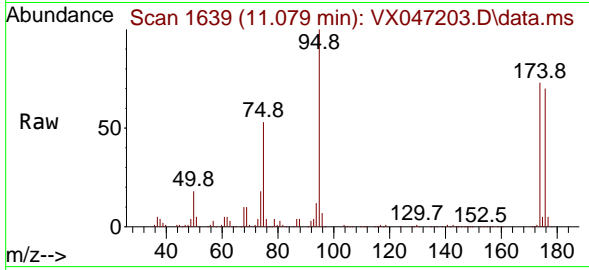
Tgt Ion: 98 Resp: 420210
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.3 79.9



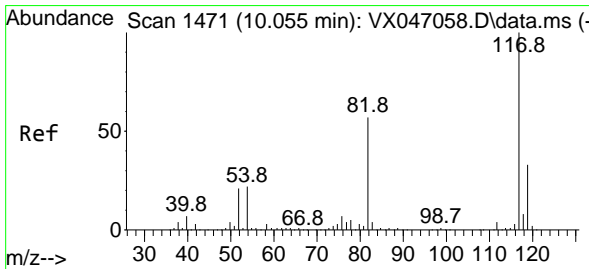
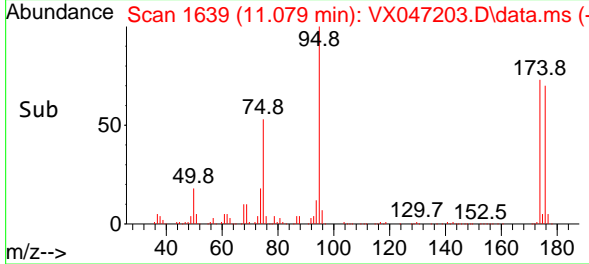
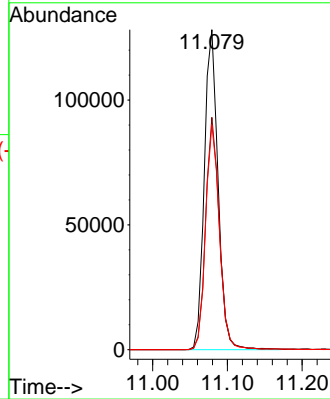


#62
 4-Bromofluorobenzene
 Concen: 52.690 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :

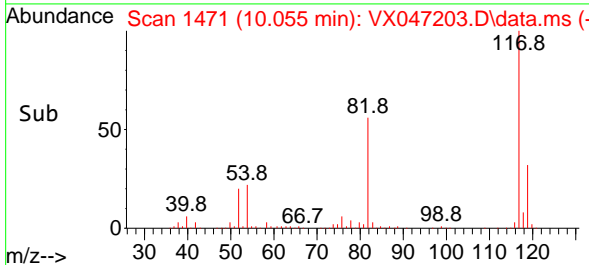
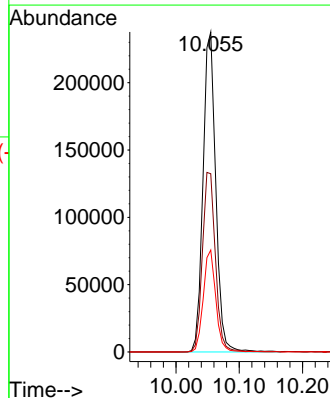
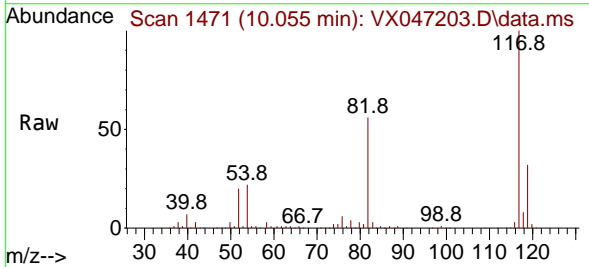


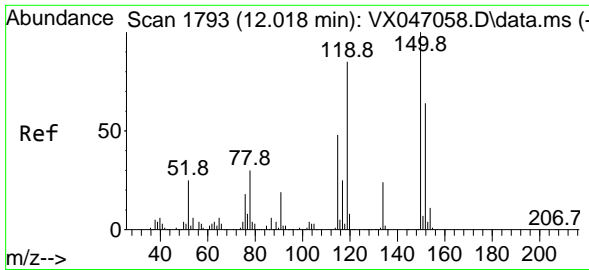
Tgt Ion: 95 Resp: 163706
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 144.6
 176 70.6 0.0 139.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

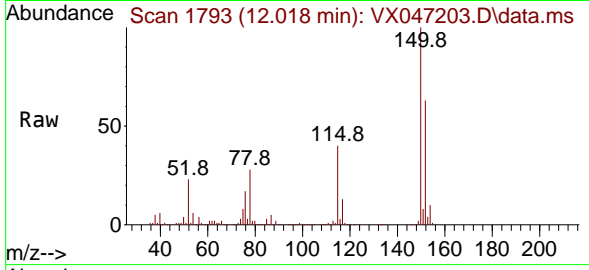
Tgt Ion: 117 Resp: 333574
 Ion Ratio Lower Upper
 117 100
 82 55.7 45.4 68.2
 119 31.8 26.1 39.1



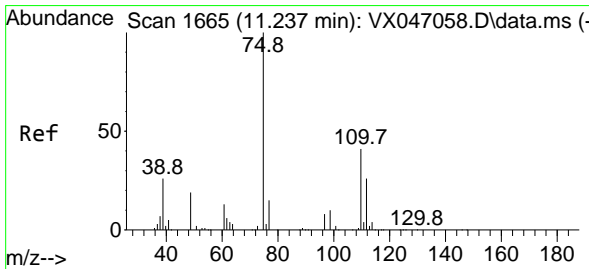
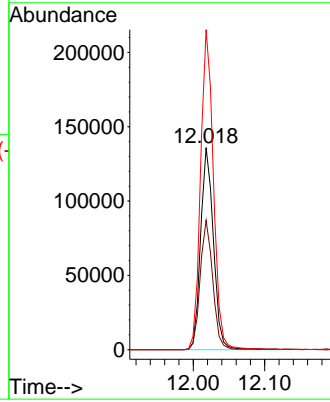
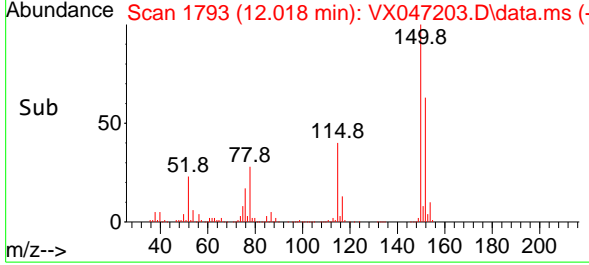


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

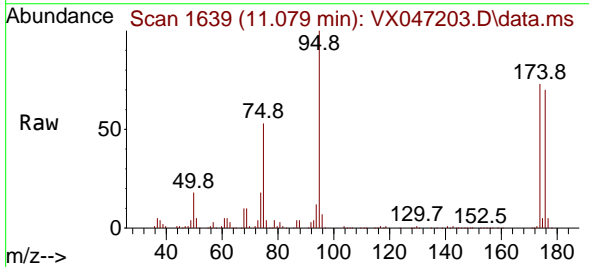
Instrument :
 MSVOA_X
 ClientSampleId :



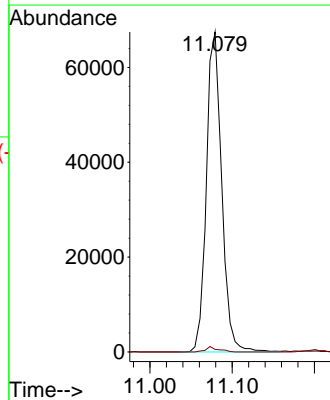
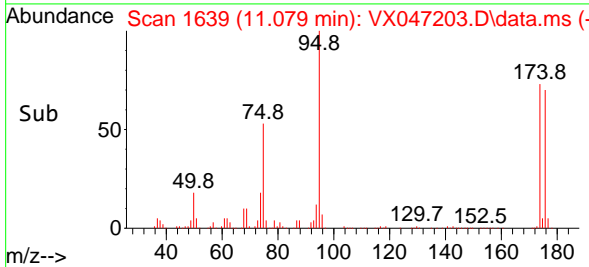
Tgt Ion:152 Resp: 169267
 Ion Ratio Lower Upper
 152 100
 115 63.0 45.6 136.7
 150 158.7 0.0 354.6

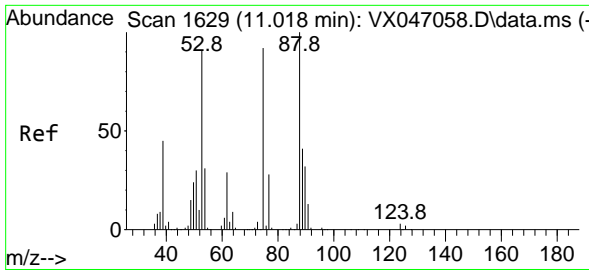


#76
 1,2,3-Trichloropropane
 Concen: 27.909 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



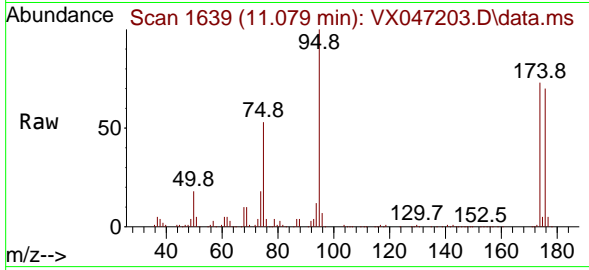
Tgt Ion: 75 Resp: 87440
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 65.0#



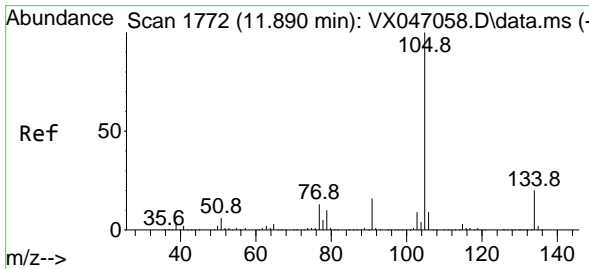
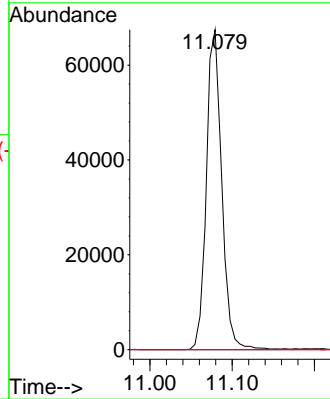
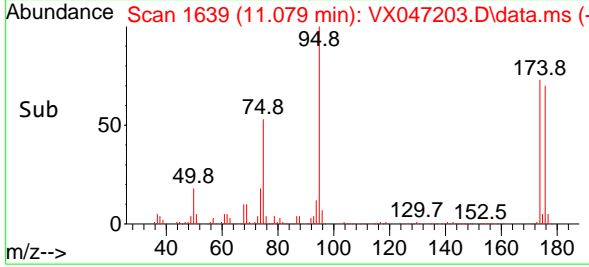


#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.904 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

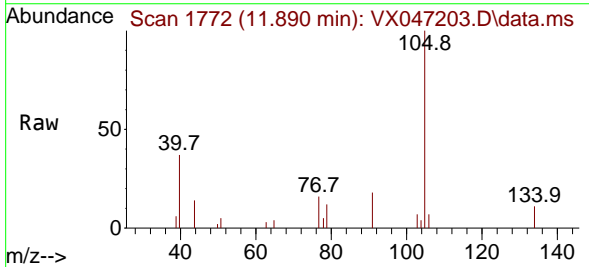
Instrument : MSVOA_X
 ClientSampleId :



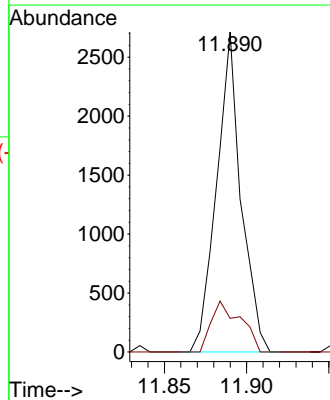
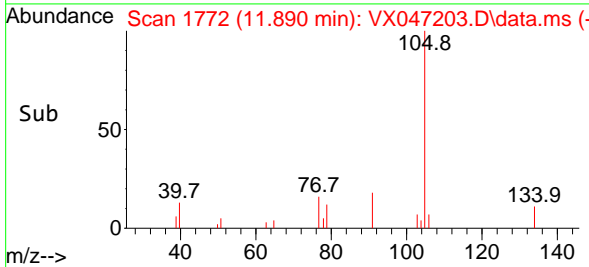
Tgt Ion: 75 Resp: 87440
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

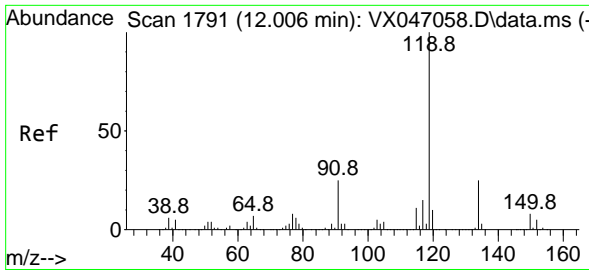


#85
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



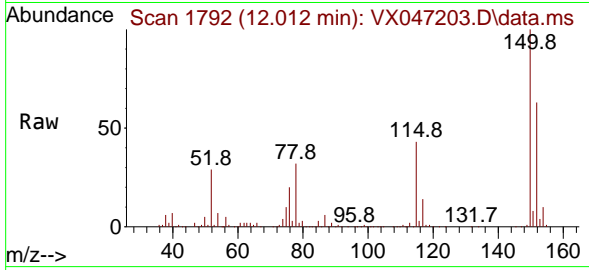
Tgt Ion: 105 Resp: 2804
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.9 29.7



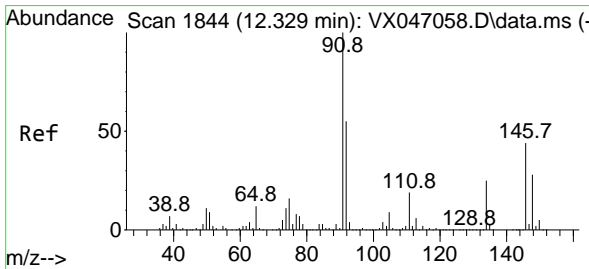
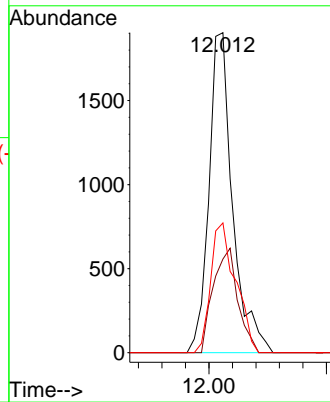
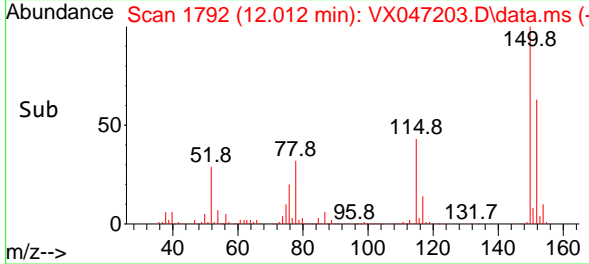


#86
 p-Isopropyltoluene
 Concen: 0.232 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

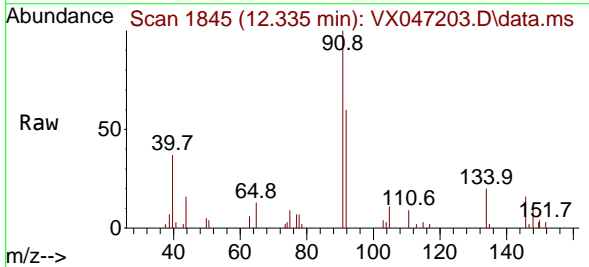
Instrument :
 MSVOA_X
 ClientSampleId :



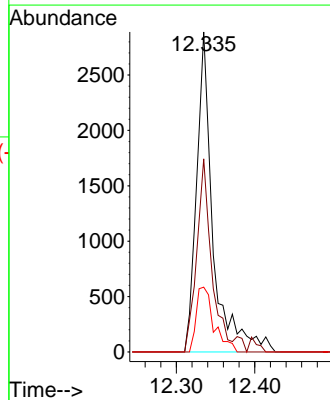
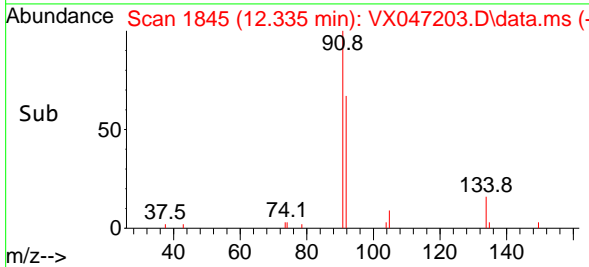
Tgt Ion:119 Resp: 2659
 Ion Ratio Lower Upper
 119 100
 134 34.1 12.8 38.4
 91 42.8 12.4 37.4#

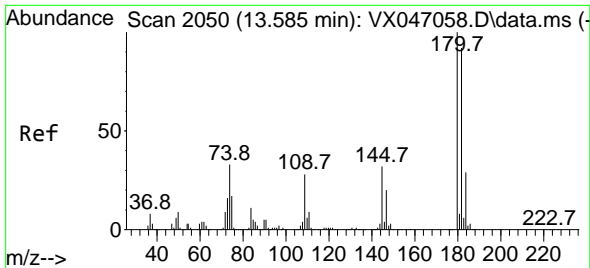


#89
 n-Butylbenzene
 Concen: 0.392 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



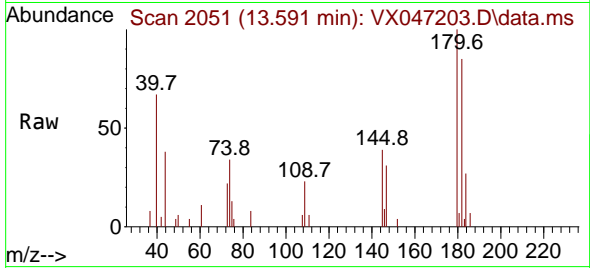
Tgt Ion: 91 Resp: 4216
 Ion Ratio Lower Upper
 91 100
 92 57.0 27.5 82.5
 134 21.9 12.8 38.3



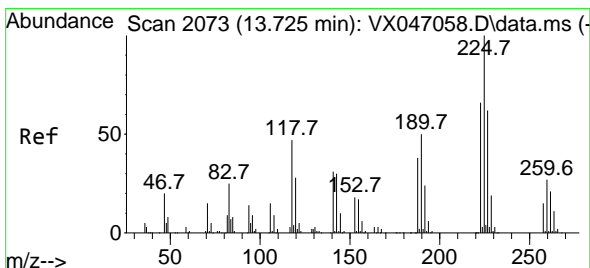
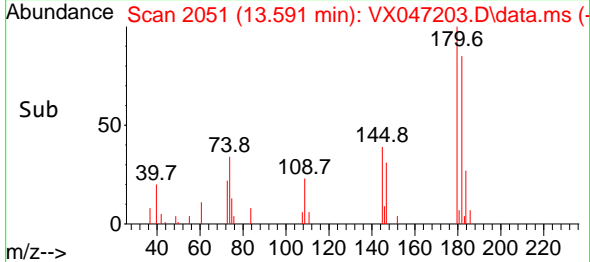
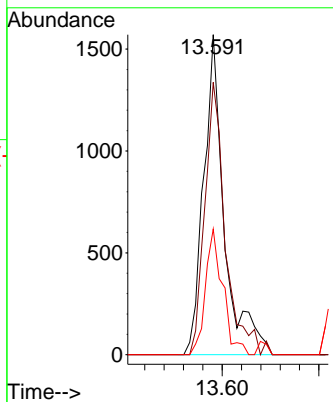


#93
 1,2,4-Trichlorobenzene
 Concen: 0.610 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

Instrument : MSVOA_X
 ClientSampleId :

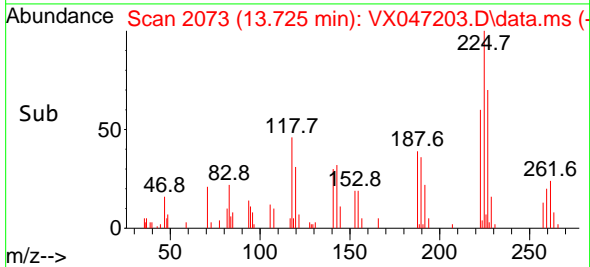
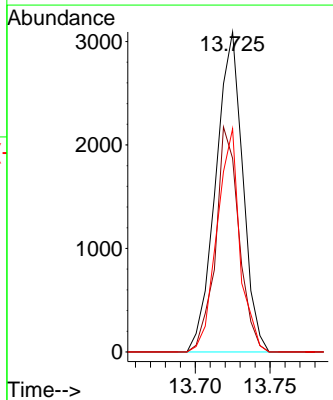
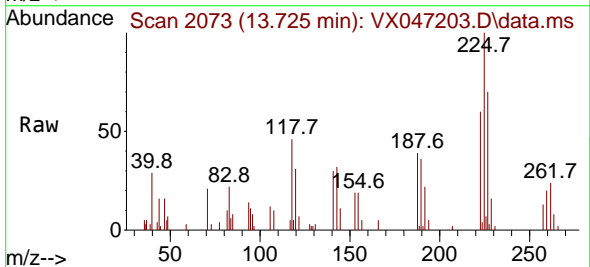


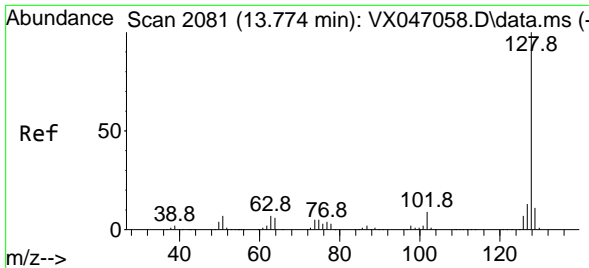
Tgt Ion:180 Resp: 2343
 Ion Ratio Lower Upper
 180 100
 182 84.1 47.3 141.8
 145 32.9 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 2.963 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

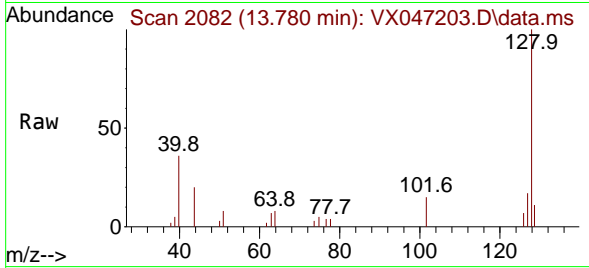
Tgt Ion:225 Resp: 3873
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 95.0
 227 59.1 32.9 98.6



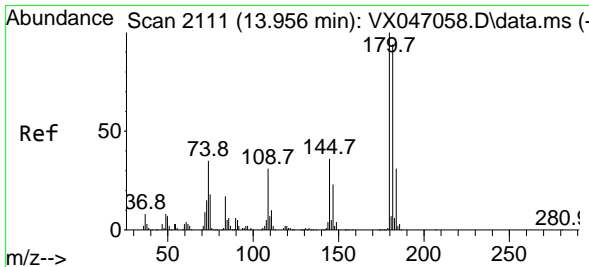
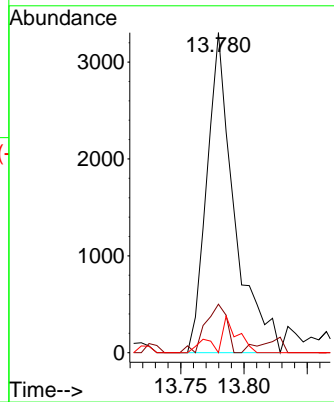
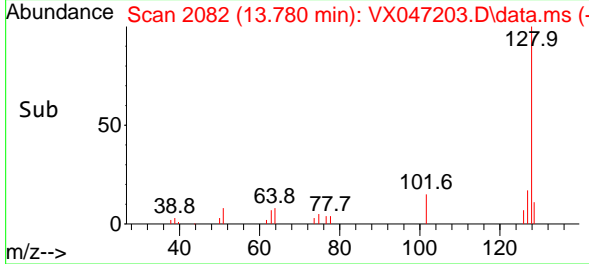


#95
 Naphthalene
 Concen: 0.442 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50

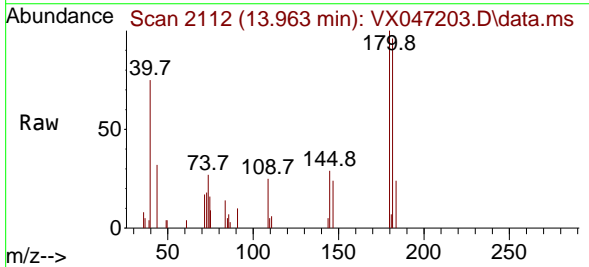
Instrument : MSVOA_X
 ClientSampleId :



Tgt Ion:128 Resp: 4977
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.1 15.1
 129 8.3 8.6 13.0#



#96
 1,2,3-Trichlorobenzene
 Concen: 0.603 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX047203.D
 Acq: 01 Aug 2025 10:50



Tgt Ion:180 Resp: 2232
 Ion Ratio Lower Upper
 180 100
 182 81.4 46.9 140.6
 145 34.9 17.3 52.0

