

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120825\  
 Data File : VX048763.D  
 Acq On : 08 Dec 2025 18:02  
 Operator : JC/MD  
 Sample : Q3788-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120525

Quant Time: Dec 09 04:14:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

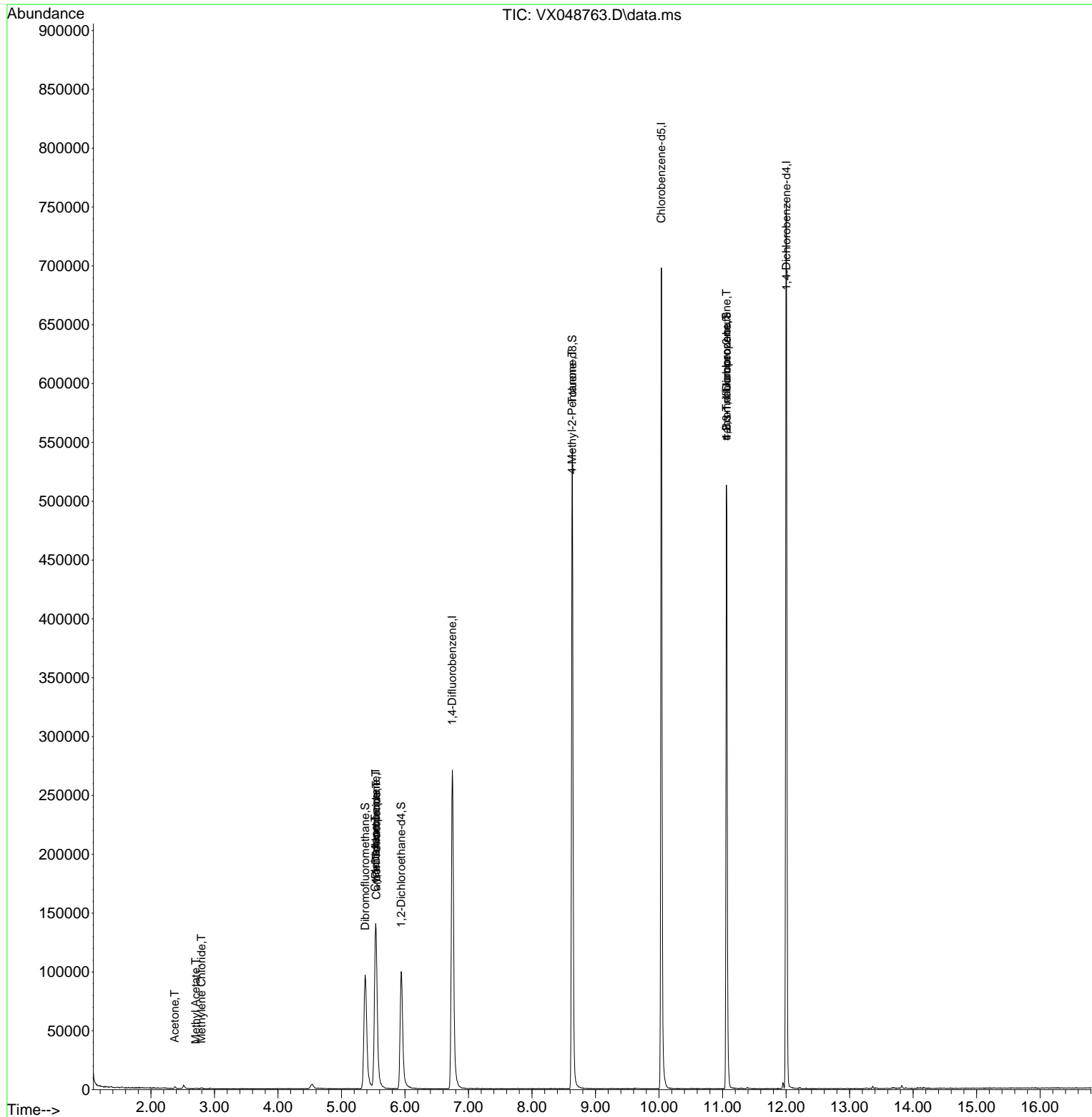
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.538	168	147710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	303651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	173863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109857	55.412	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	110.820%	
35) Dibromofluoromethane	5.373	113	97240	46.510	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.020%	
50) Toluene-d8	8.635	98	346584	47.291	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.580%	
62) 4-Bromofluorobenzene	11.061	95	148448	58.740	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	117.480%	
Target Compounds						
						Qvalue
16) Acetone	2.374	43	1965	2.589	ug/l	99
18) Methyl Acetate	2.703	43	648	0.303	ug/l #	60
20) Methylene Chloride	2.794	84	422	0.222	ug/l #	76
31) Cyclohexane	5.532	56	3124	1.166	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	11115	3.881	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14890	4.591	ug/l #	12
51) 4-Methyl-2-Pentanone	8.629	43	1638	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	76607	23.657	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	76607	56.195	ug/l #	3
95) Naphthalene	13.762	128	103	Below Cal	#	69
-----						

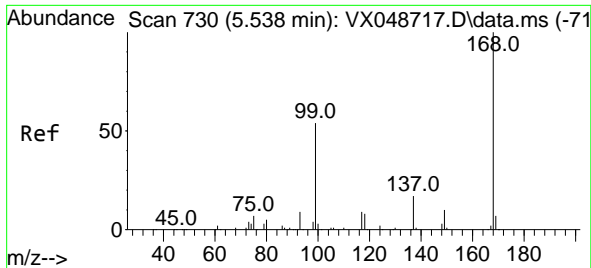
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

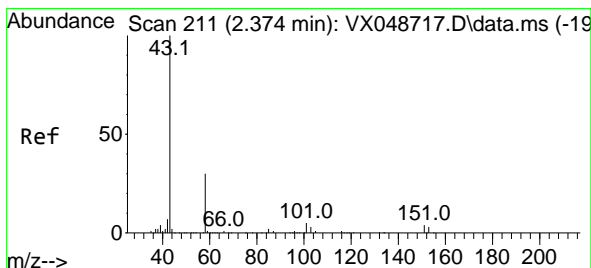
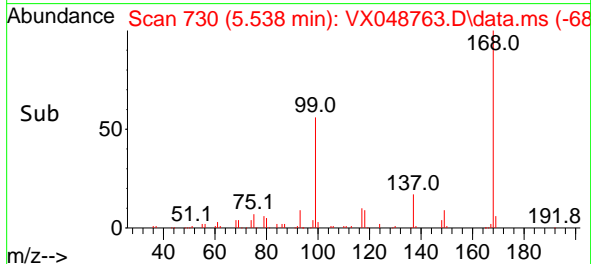
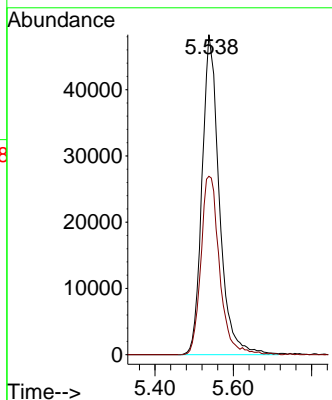
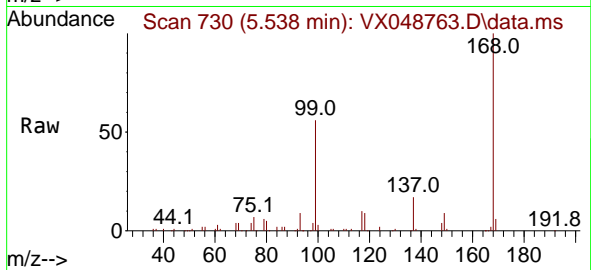




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.538 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

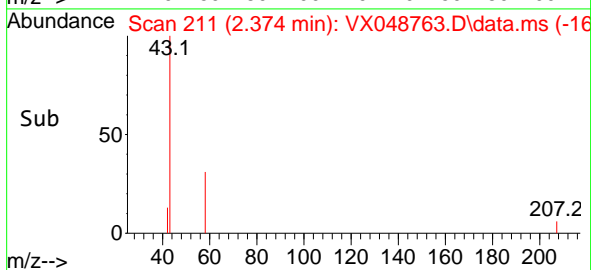
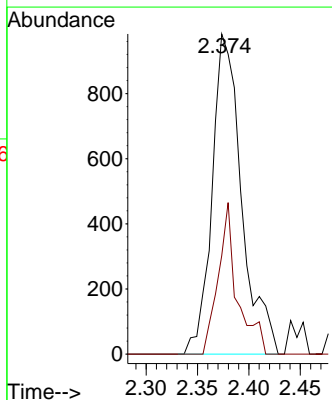
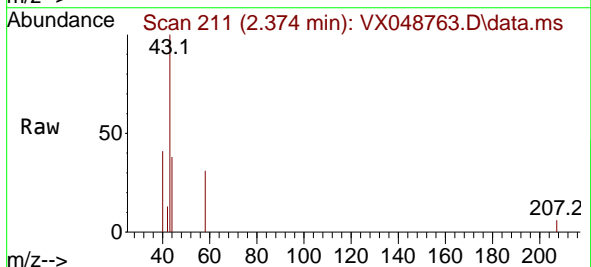
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120525

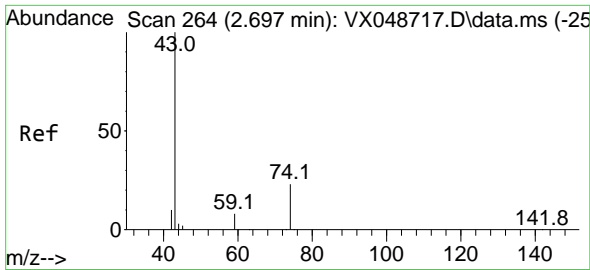
Tgt Ion:168 Resp: 147710  
 Ion Ratio Lower Upper  
 168 100  
 99 55.7 44.2 66.4



#16  
 Acetone  
 Concen: 2.589 ug/l  
 RT: 2.374 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

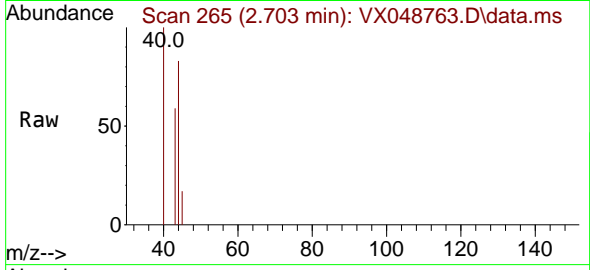
Tgt Ion: 43 Resp: 1965  
 Ion Ratio Lower Upper  
 43 100  
 58 30.7 25.0 37.4



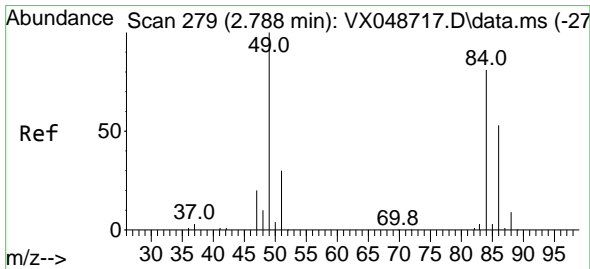
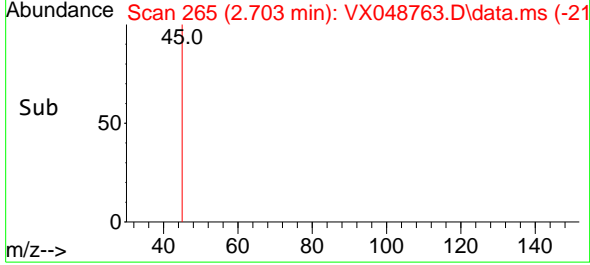
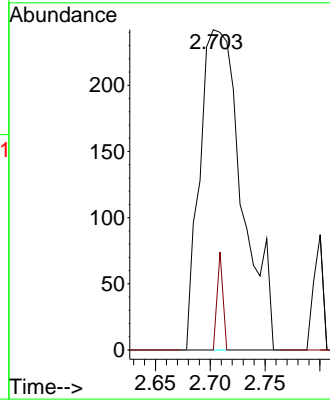


#18  
 Methyl Acetate  
 Concen: 0.303 ug/l  
 RT: 2.703 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525

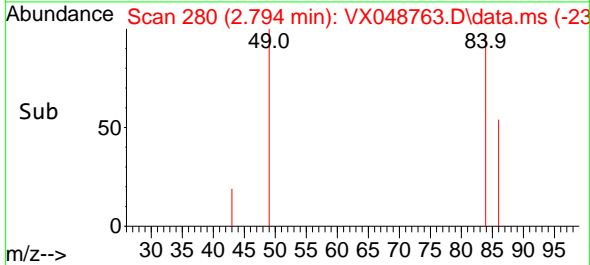
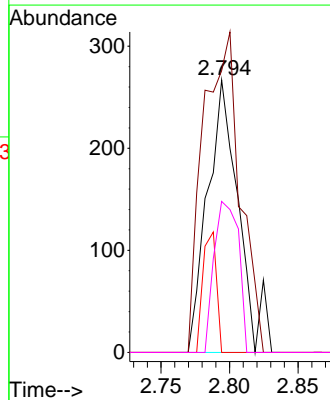
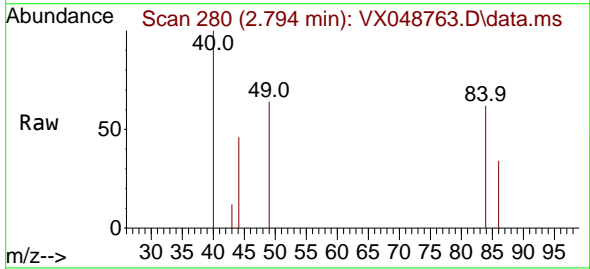


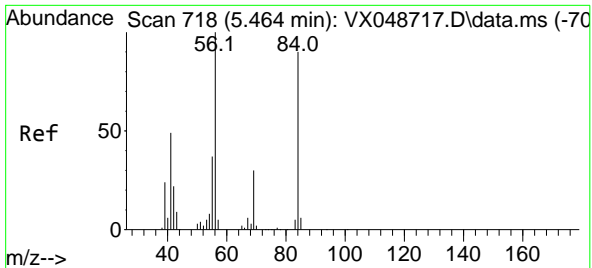
Tgt Ion: 43 Resp: 648  
 Ion Ratio Lower Upper  
 43 100  
 74 4.2 19.2 28.8#



#20  
 Methylene Chloride  
 Concen: 0.222 ug/l  
 RT: 2.794 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion: 84 Resp: 422  
 Ion Ratio Lower Upper  
 84 100  
 49 103.4 98.7 148.1  
 51 0.0 29.4 44.2#  
 86 55.4 52.5 78.7

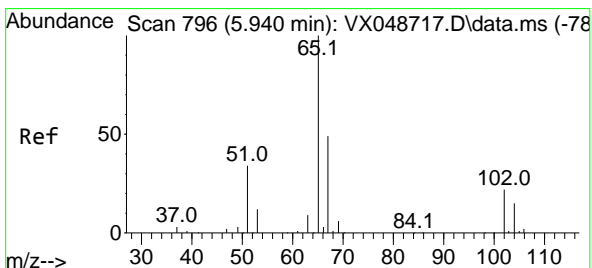
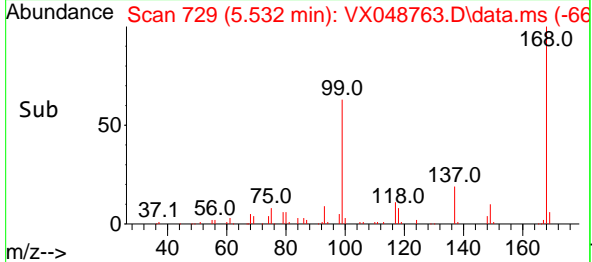
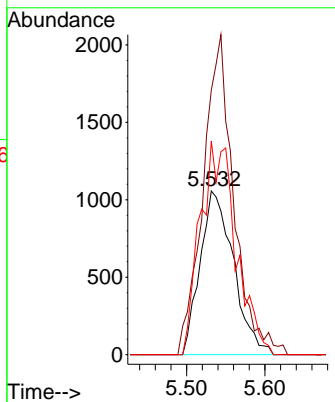
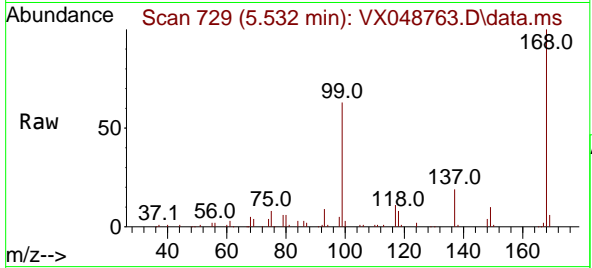




#31  
 Cyclohexane  
 Concen: 1.166 ug/l  
 RT: 5.532 min Scan# 718  
 Delta R.T. 0.067 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

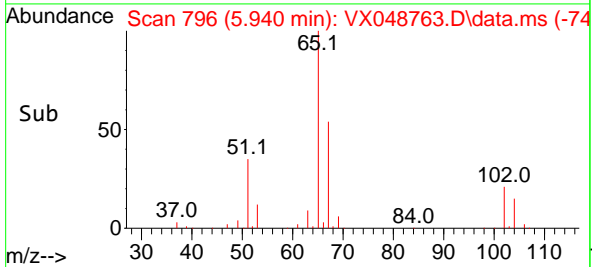
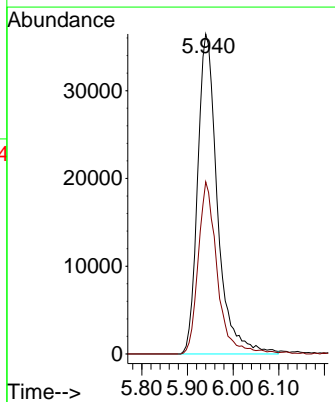
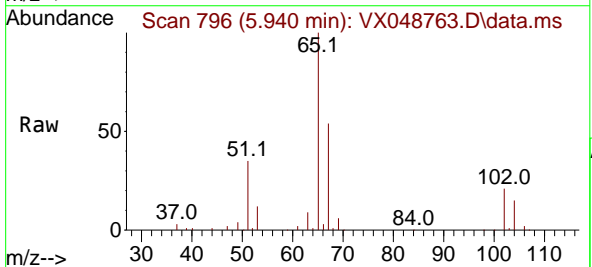
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525

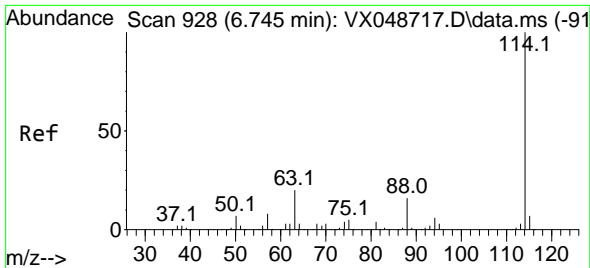
Tgt Ion	Resp	Lower	Upper
56	3124		
69	161.7	24.2	36.2#
84	130.5	72.1	108.1#



#33  
 1,2-Dichloroethane-d4  
 Concen: 55.412 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion	Resp	Lower	Upper
65	109857		
67	51.8	0.0	107.4



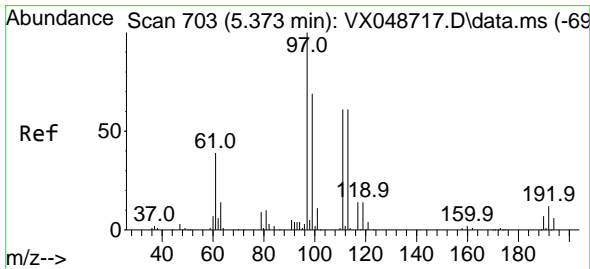
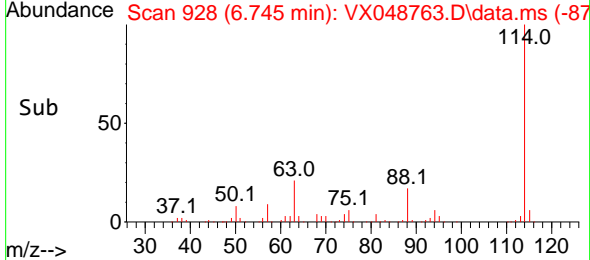
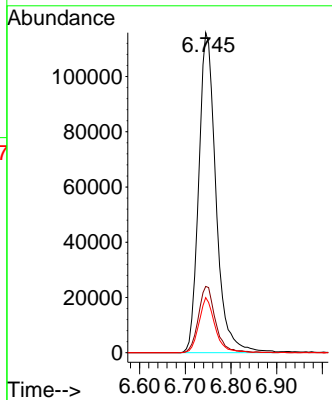
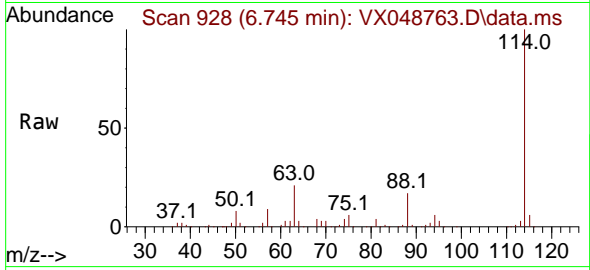


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525

Tgt Ion:114 Resp: 303651

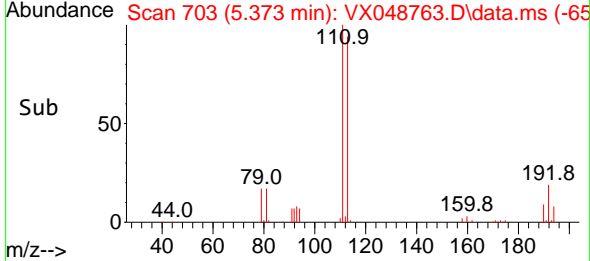
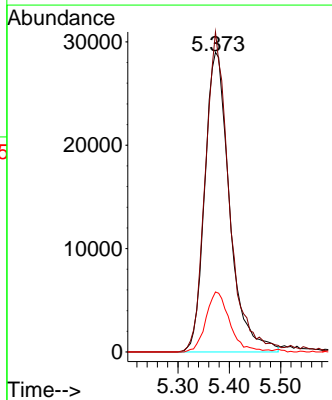
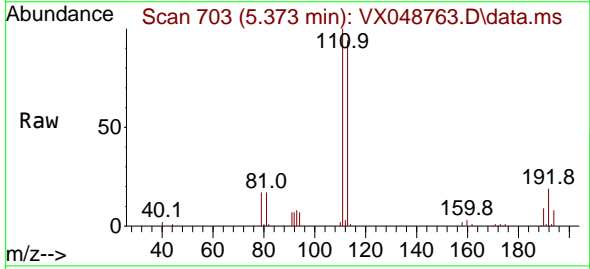
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	17.2	0.0	31.8

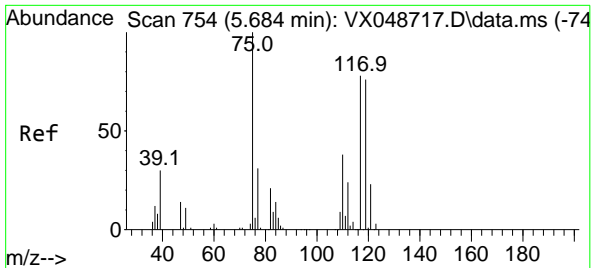


#35  
 Dibromofluoromethane  
 Concen: 46.510 ug/l  
 RT: 5.373 min Scan# 703  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion:113 Resp: 97240

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.5	119.3
192	19.3	16.1	24.1

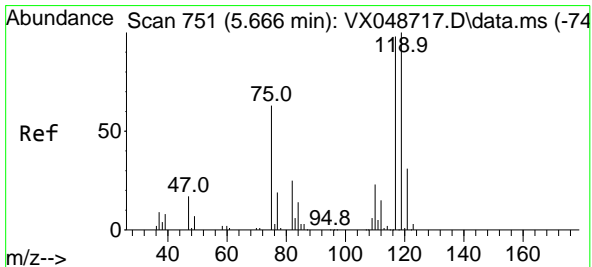
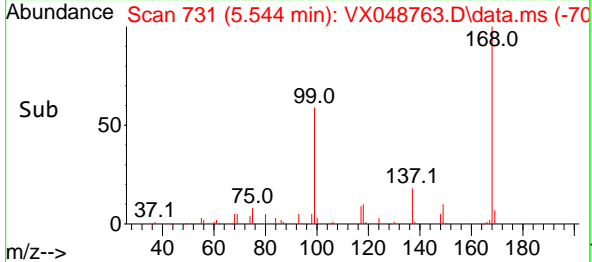
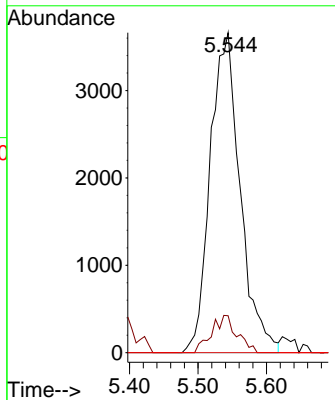
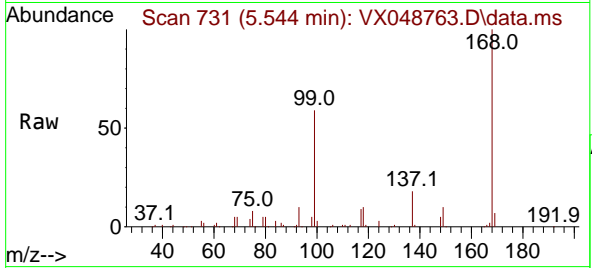




#36  
 1,1-Dichloropropene  
 Concen: 3.881 ug/l  
 RT: 5.544 min Scan# 711  
 Delta R.T. -0.140 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

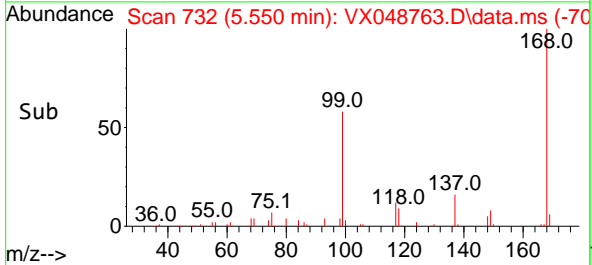
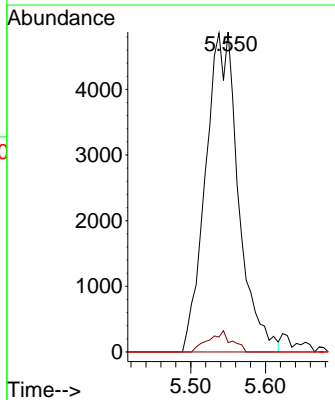
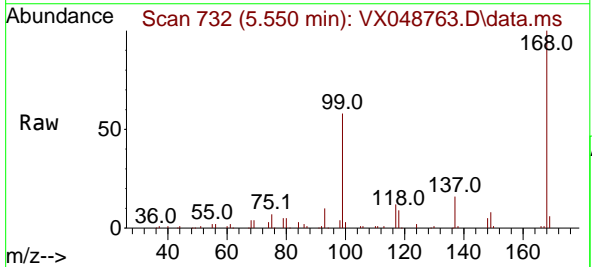
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525

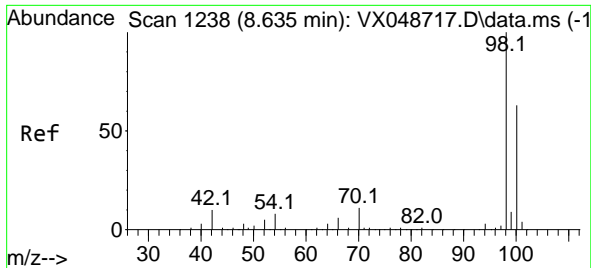
Tgt Ion	Resp	Lower	Upper
75	11115		
75	100		
110	9.8	18.6	55.8#
77	0.0	25.3	37.9#



#38  
 Carbon Tetrachloride  
 Concen: 4.591 ug/l  
 RT: 5.550 min Scan# 732  
 Delta R.T. -0.116 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion	Resp	Lower	Upper
117	14890		
117	100		
119	2.9	80.5	120.7#
121	0.0	25.4	38.0#

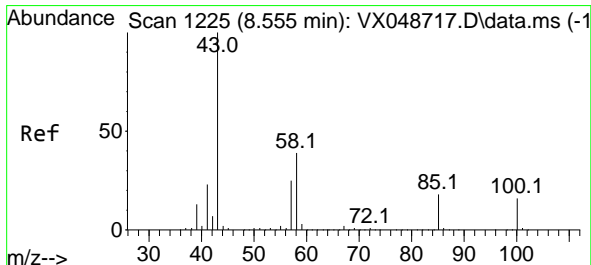
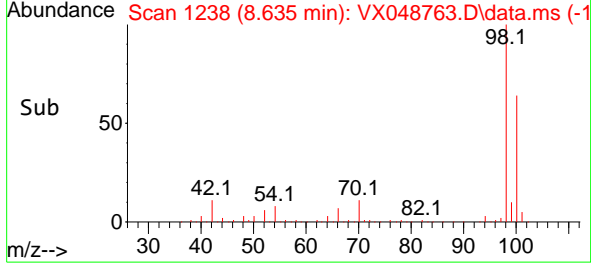
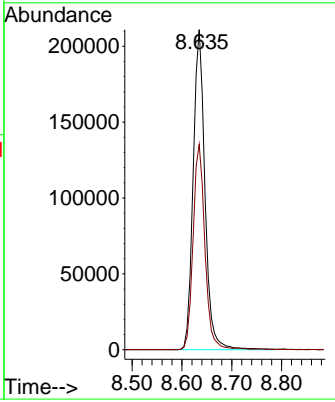
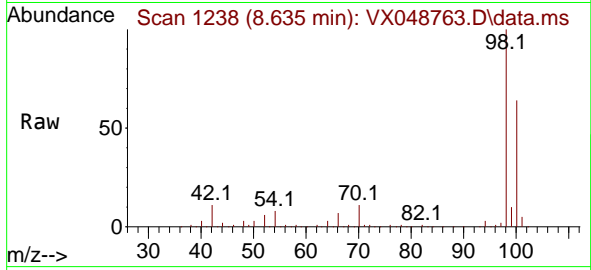




#50  
 Toluene-d8  
 Concen: 47.291 ug/l  
 RT: 8.635 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

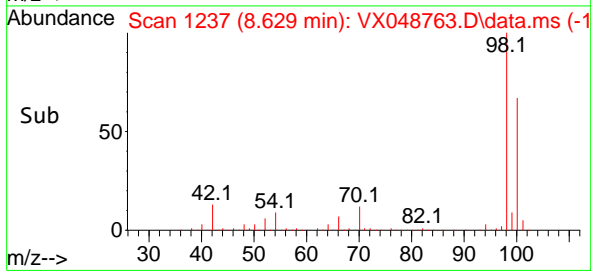
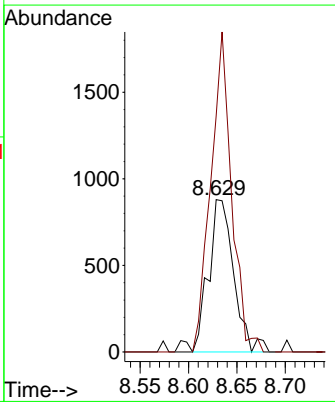
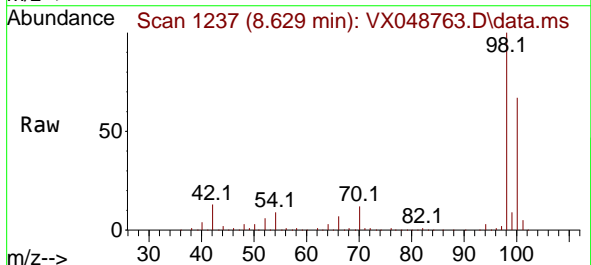
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525

Tgt Ion: 98 Resp: 346584  
 Ion Ratio Lower Upper  
 98 100  
 100 64.2 53.4 80.0

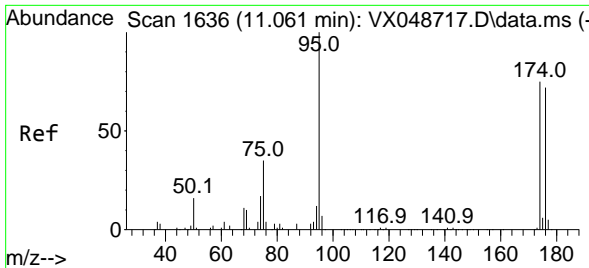


#51  
 4-Methyl-2-Pentanone  
 Concen: 0.509 ug/l  
 RT: 8.629 min Scan# 1237  
 Delta R.T. 0.073 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion: 43 Resp: 1638  
 Ion Ratio Lower Upper  
 43 100  
 58 169.3 32.2 48.4#





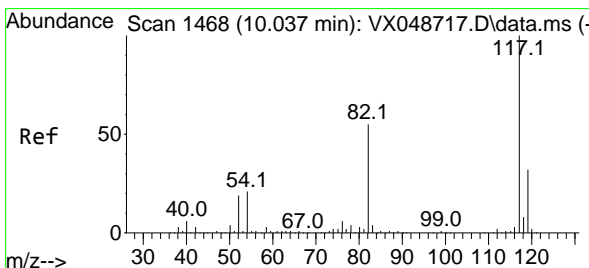
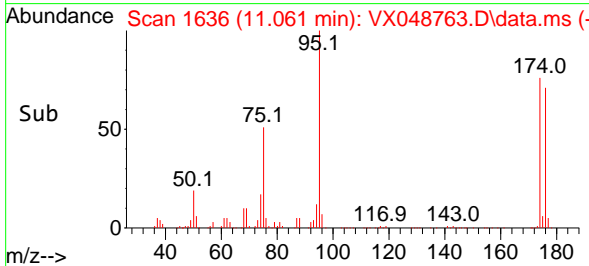
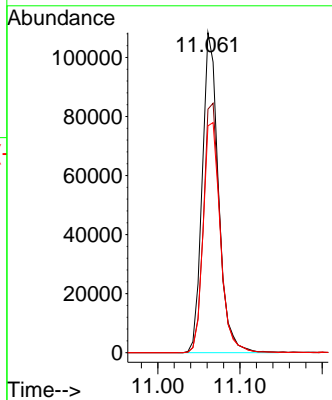
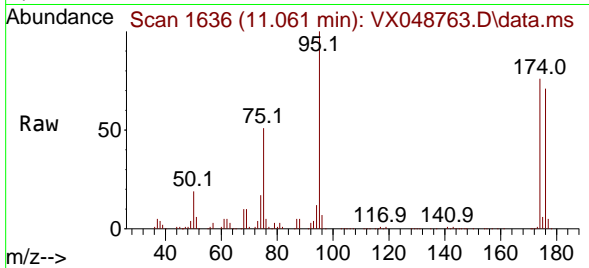


#62  
 4-Bromofluorobenzene  
 Concen: 58.740 ug/l  
 RT: 11.061 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120525

Tgt Ion: 95 Resp: 148448

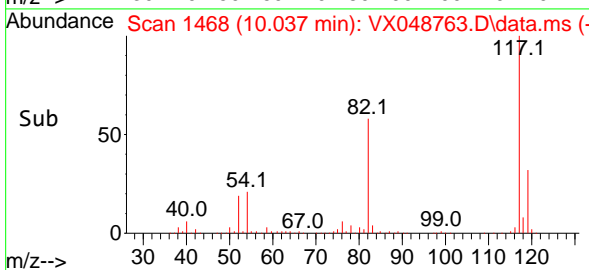
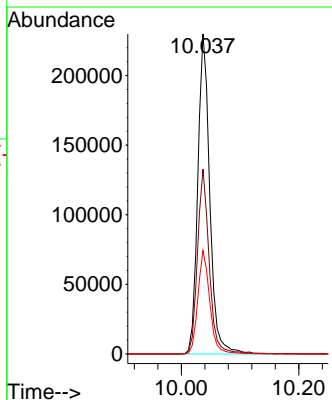
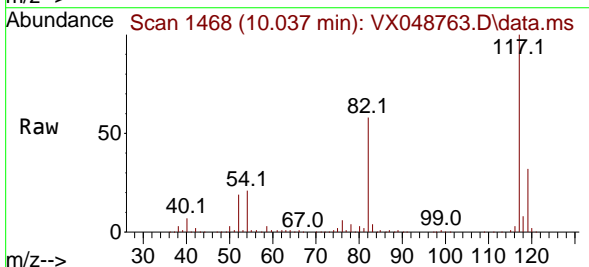
Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	157.8
176	76.1	0.0	154.0

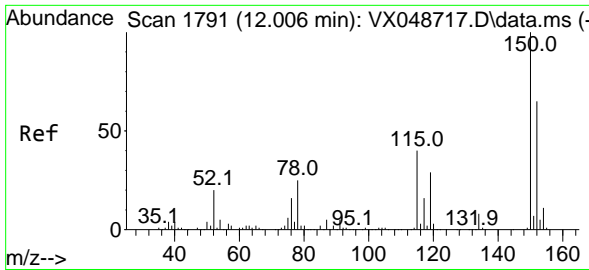


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.037 min Scan# 1468  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Tgt Ion: 117 Resp: 326109

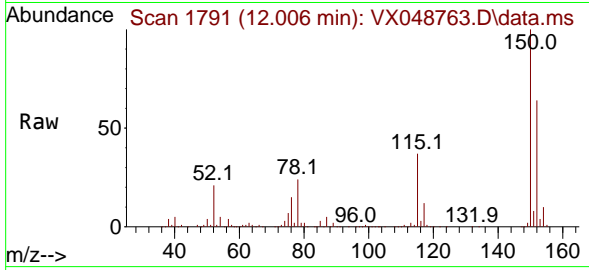
Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.1	66.1
119	32.3	25.2	37.8



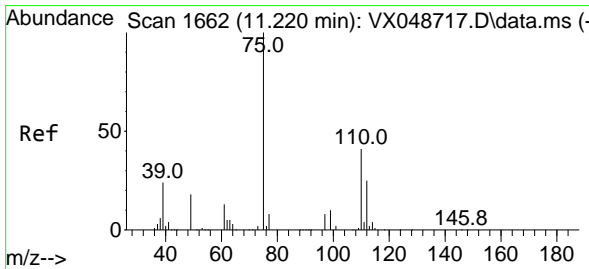
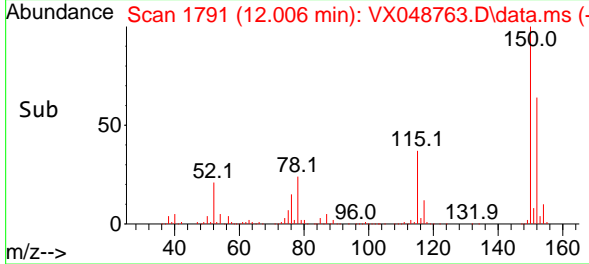
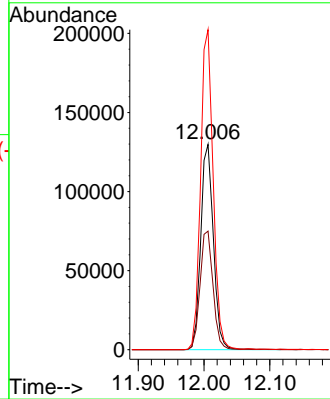


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120525

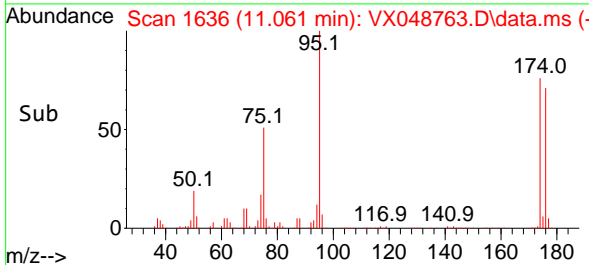
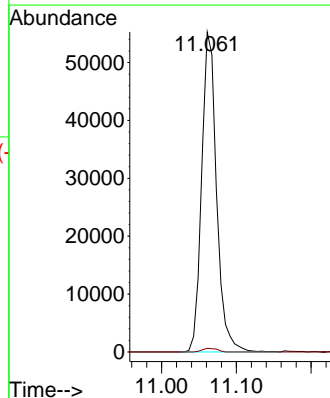
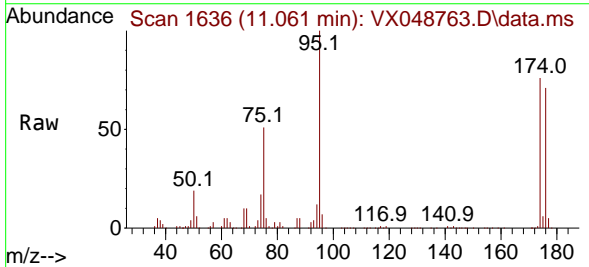


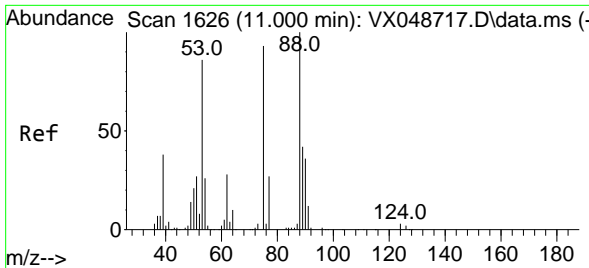
Tgt Ion:152 Resp: 173863  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 42.1 126.4  
 150 154.1 0.0 347.8



#76  
 1,2,3-Trichloropropane  
 Concen: 23.657 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.158 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

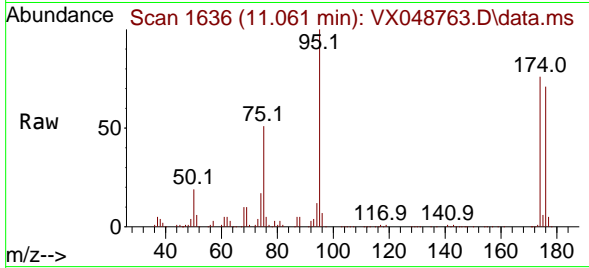
Tgt Ion: 75 Resp: 76607  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 24.3 73.0#



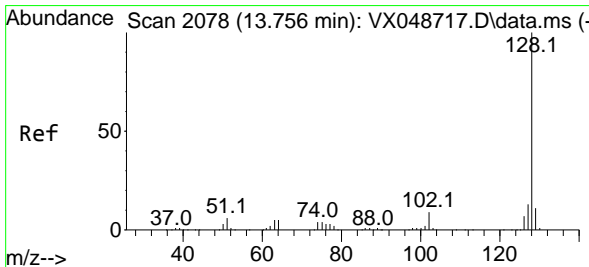
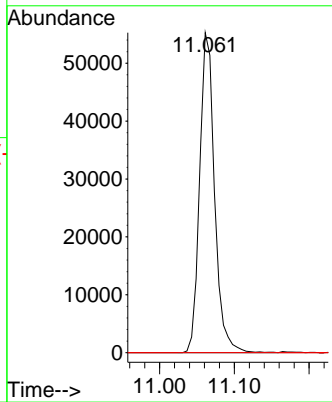
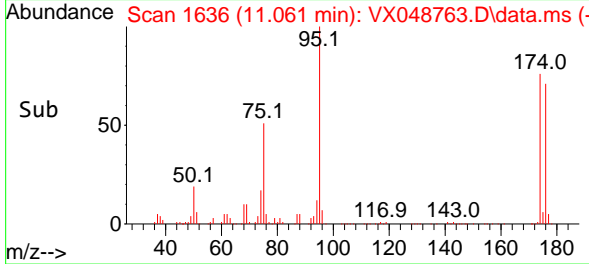


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.195 ug/l  
 RT: 11.061 min Scan# 10  
 Delta R.T. 0.061 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02

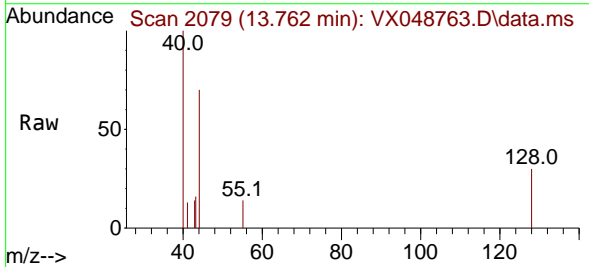
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120525



Tgt Ion: 75 Resp: 76607  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 79.9 119.9#  
 89 0.0 67.1 100.7#



#95  
 Naphthalene  
 Concen: Below Cal  
 RT: 13.762 min Scan# 2079  
 Delta R.T. 0.006 min  
 Lab File: VX048763.D  
 Acq: 08 Dec 2025 18:02



Tgt Ion: 128 Resp: 103  
 Ion Ratio Lower Upper  
 128 100  
 127 0.0 10.2 15.2#  
 129 0.0 8.6 13.0#

