

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120825\  
 Data File : VX048759.D  
 Acq On : 08 Dec 2025 16:40  
 Operator : JC/MD  
 Sample : Q3787-21  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120425

Quant Time: Dec 09 04:13:00 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

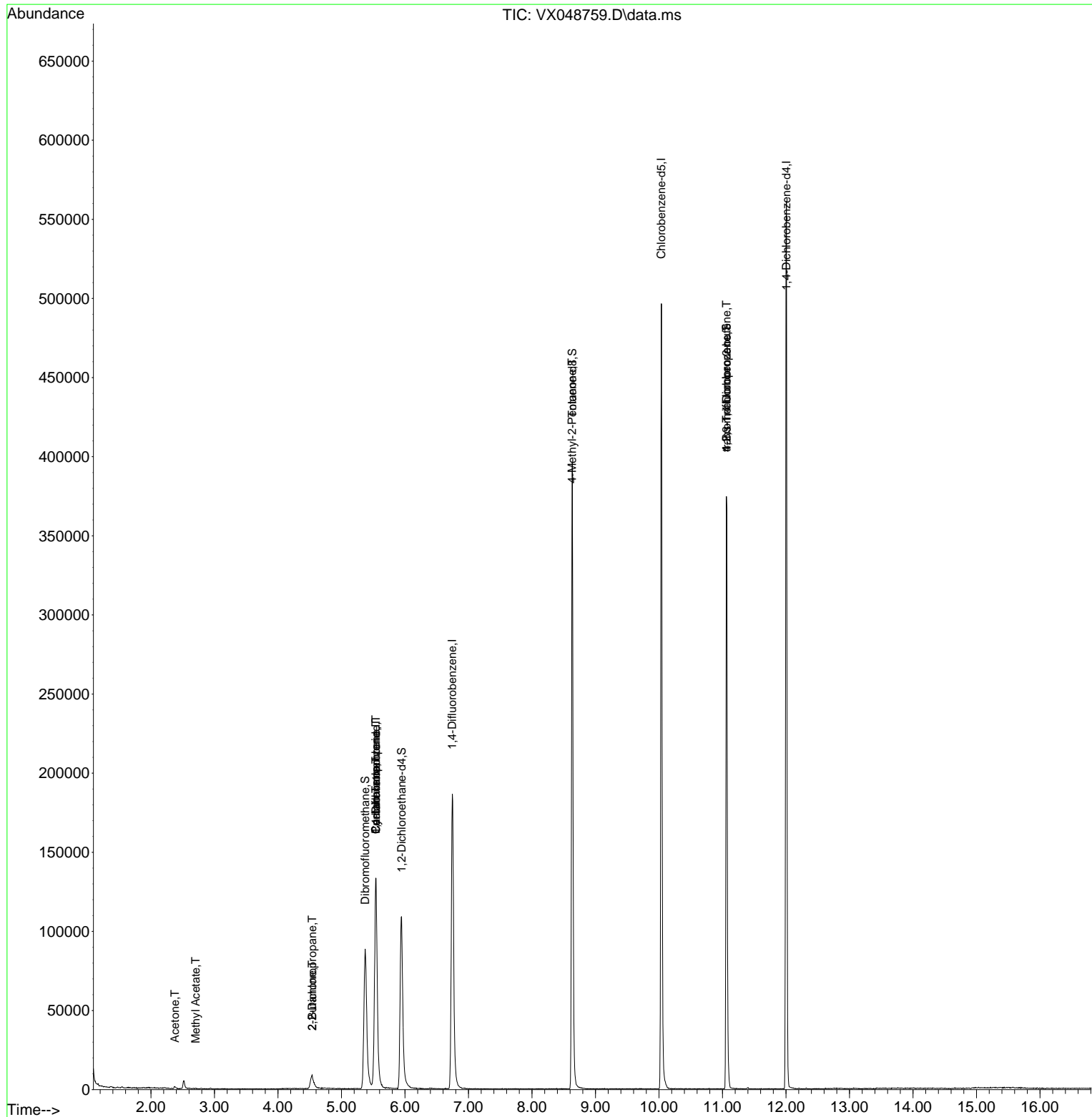
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.544	168	127620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	207475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121242	70.782	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	141.560%#	
35) Dibromofluoromethane	5.373	113	84671	59.271	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	118.540%	
50) Toluene-d8	8.635	98	241341	48.196	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.400%	
62) 4-Bromofluorobenzene	11.061	95	102776	59.520	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	119.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1887	2.878	ug/l #	87
18) Methyl Acetate	2.703	43	463	0.251	ug/l #	51
25) 2-Butanone	4.538	43	461	0.476	ug/l #	46
26) 2,2-Dichloropropane	4.538	77	559	0.244	ug/l #	52
31) Cyclohexane	5.544	56	3117	1.346	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	11481	5.868	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13344	6.021	ug/l #	14
51) 4-Methyl-2-Pentanone	8.629	43	1273	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	55772	24.759	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	55772	58.813	ug/l #	3
95) Naphthalene	13.768	128	102	Below Cal	#	69
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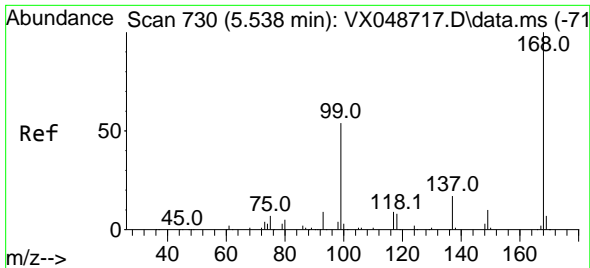
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 TB01-120425

Quant Time: Dec 09 04:13:00 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

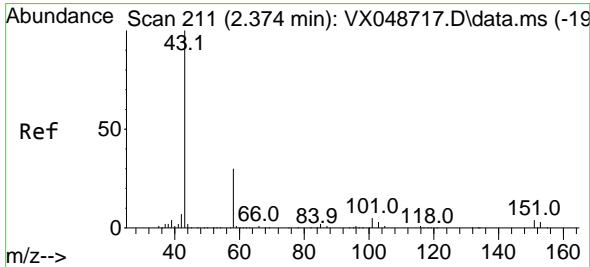
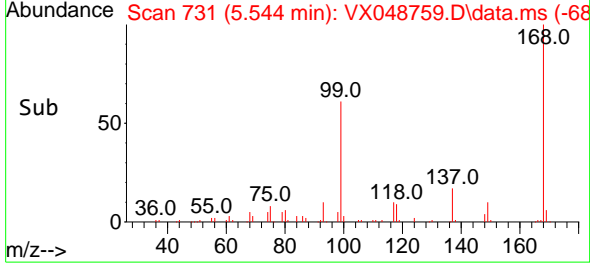
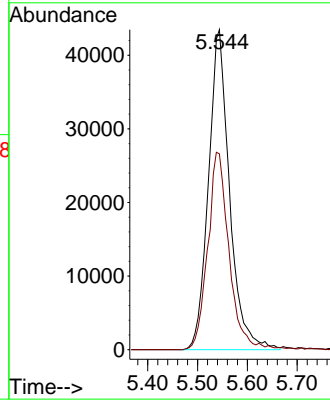
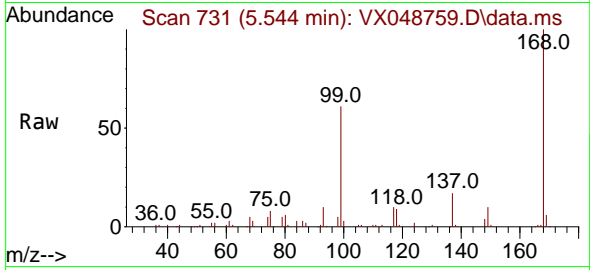




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.544 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

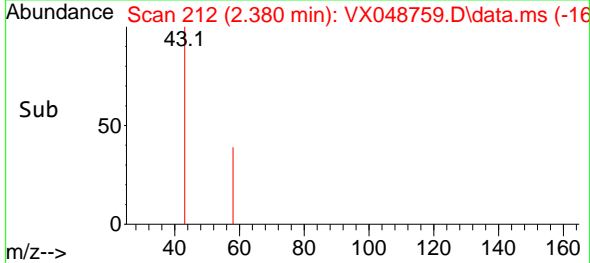
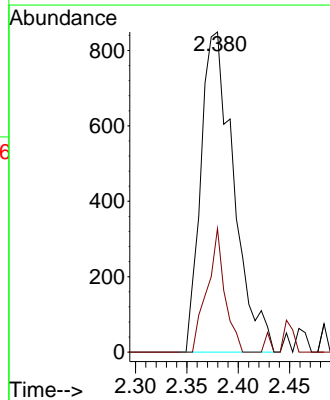
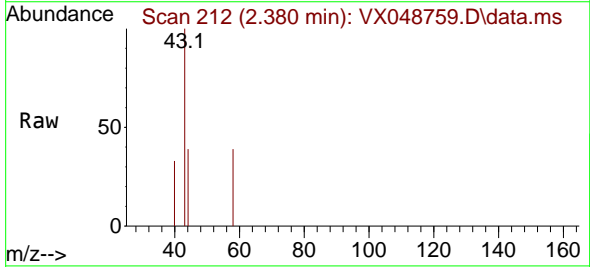
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120425

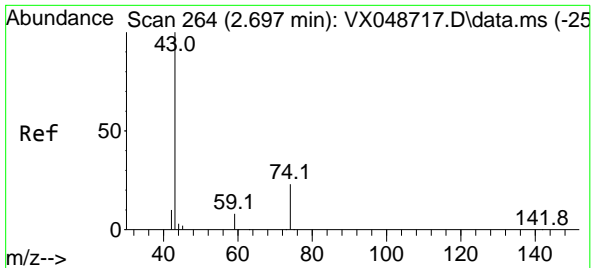
Tgt Ion:168 Resp: 127620  
 Ion Ratio Lower Upper  
 168 100  
 99 61.2 44.2 66.4



#16  
 Acetone  
 Concen: 2.878 ug/l  
 RT: 2.380 min Scan# 212  
 Delta R.T. 0.006 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 43 Resp: 1887  
 Ion Ratio Lower Upper  
 43 100  
 58 38.6 25.0 37.4#

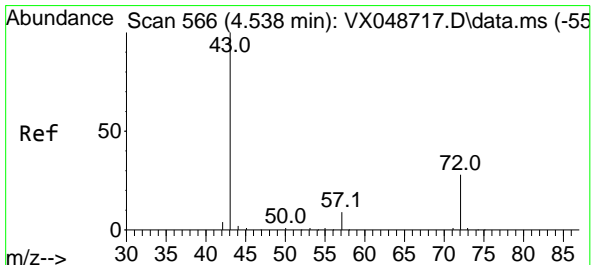
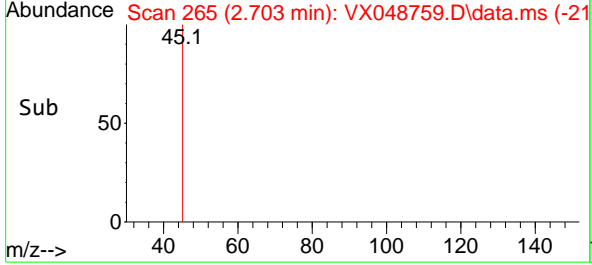
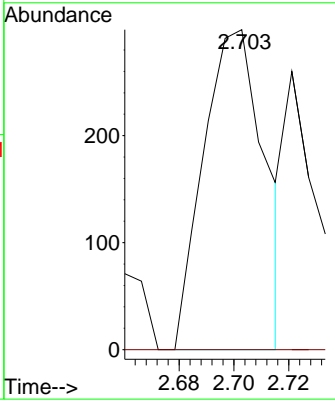
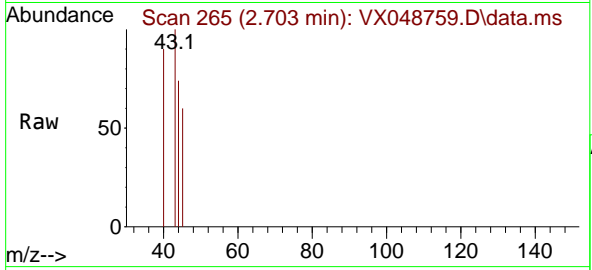




#18  
 Methyl Acetate  
 Concen: 0.251 ug/l  
 RT: 2.703 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

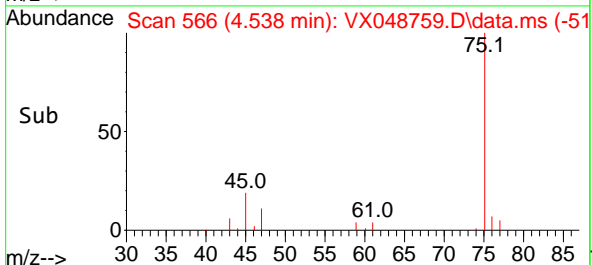
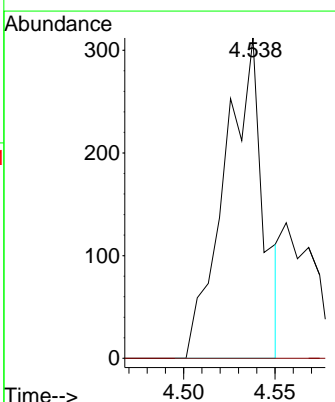
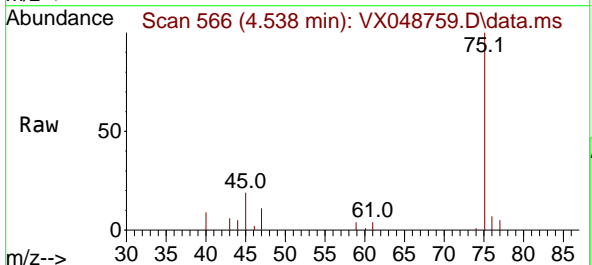
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

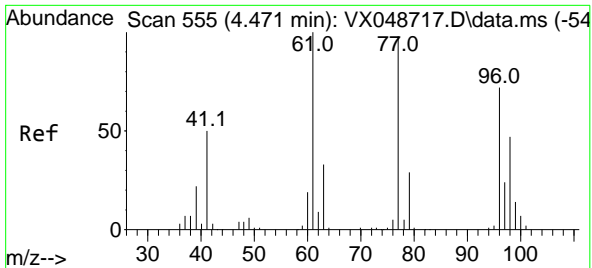
Tgt Ion: 43 Resp: 463  
 Ion Ratio Lower Upper  
 43 100  
 74 0.0 19.2 28.8#



#25  
 2-Butanone  
 Concen: 0.476 ug/l  
 RT: 4.538 min Scan# 566  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 43 Resp: 461  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 22.6 34.0#

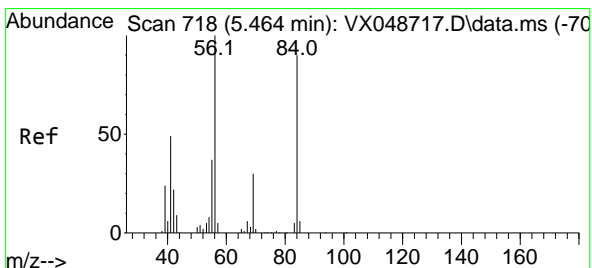
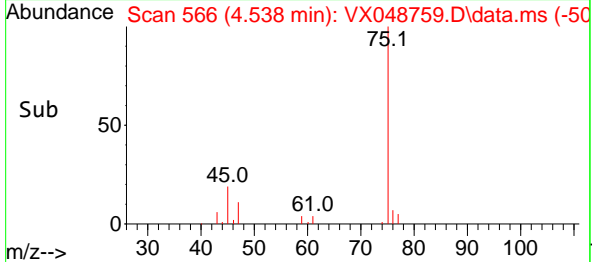
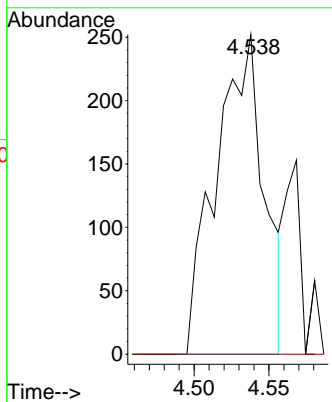
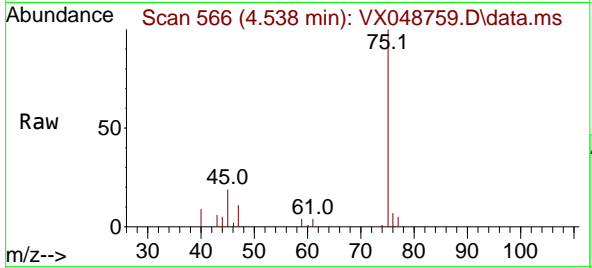




#26  
 2,2-Dichloropropane  
 Concen: 0.244 ug/l  
 RT: 4.538 min Scan# 509  
 Delta R.T. 0.067 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

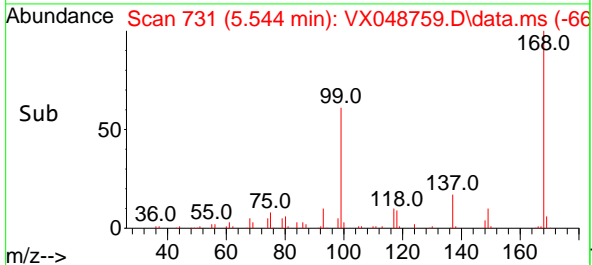
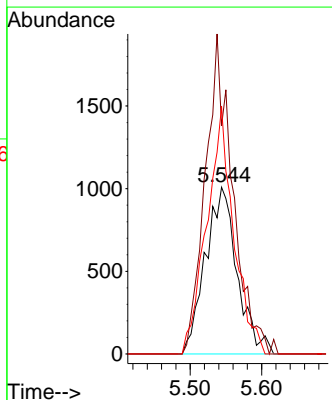
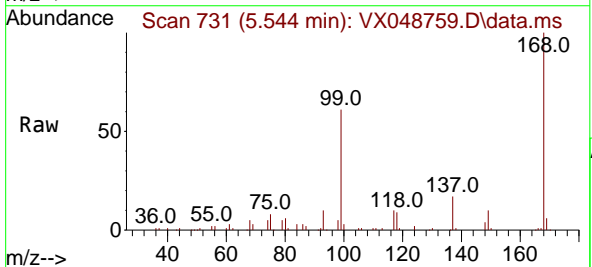
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

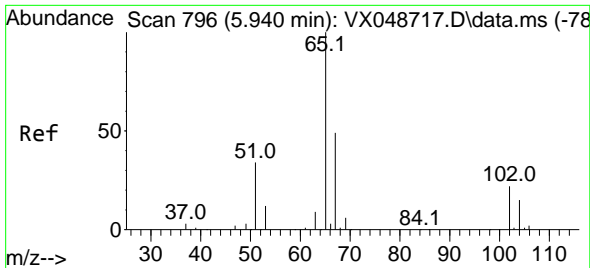
Tgt Ion: 77 Resp: 559  
 Ion Ratio Lower Upper  
 77 100  
 97 0.0 11.6 34.8#



#31  
 Cyclohexane  
 Concen: 1.346 ug/l  
 RT: 5.544 min Scan# 731  
 Delta R.T. 0.079 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 56 Resp: 3117  
 Ion Ratio Lower Upper  
 56 100  
 69 136.7 24.2 36.2#  
 84 148.5 72.1 108.1#

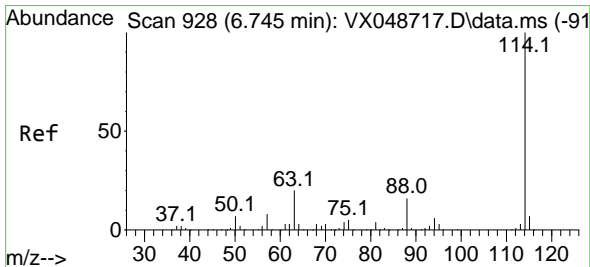
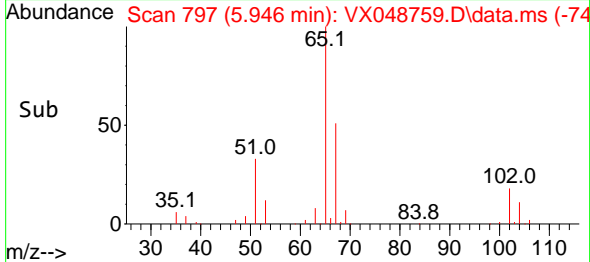
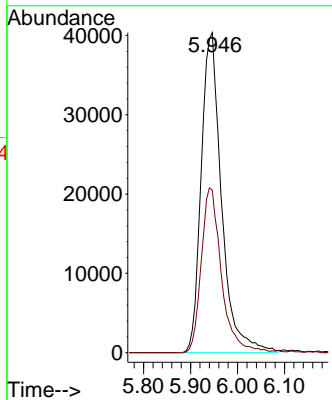
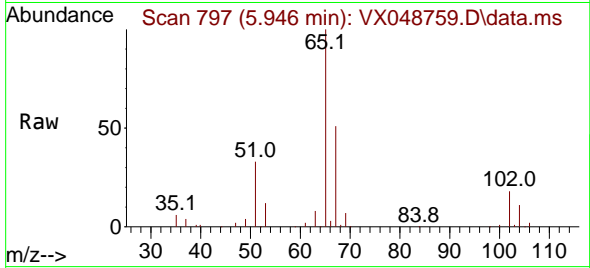




#33  
 1,2-Dichloroethane-d4  
 Concen: 70.782 ug/l  
 RT: 5.946 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

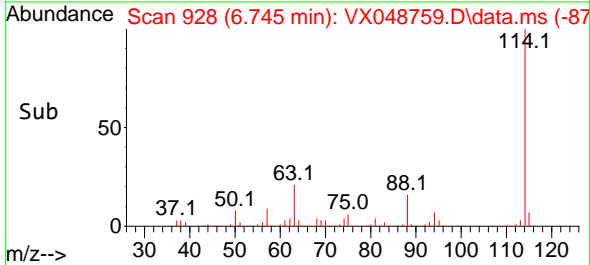
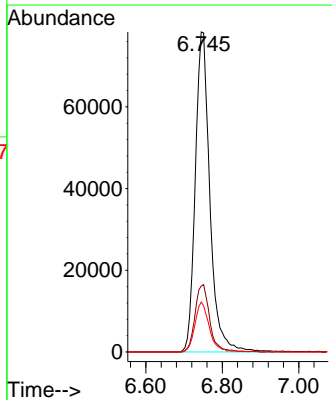
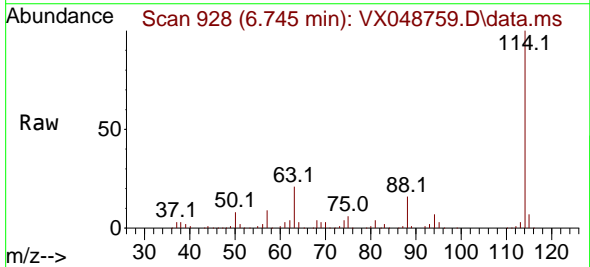
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

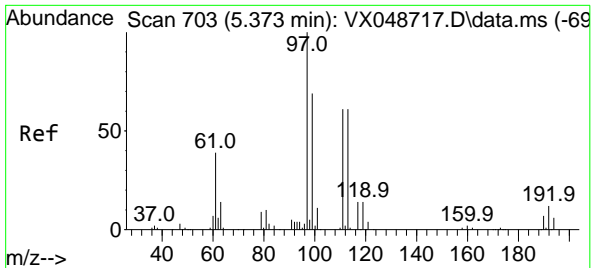
Tgt Ion: 65 Resp: 121242  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 928  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

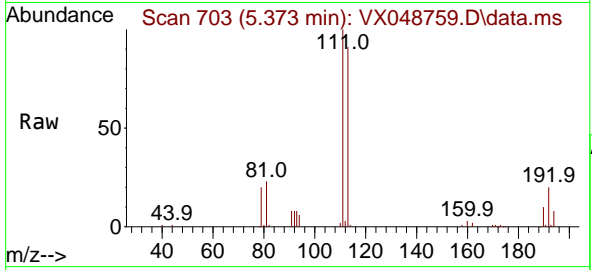
Tgt Ion: 114 Resp: 207475  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 39.0  
 88 15.6 0.0 31.8





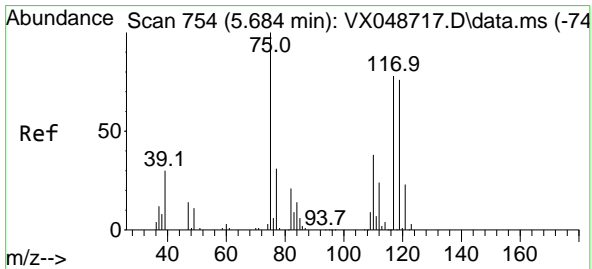
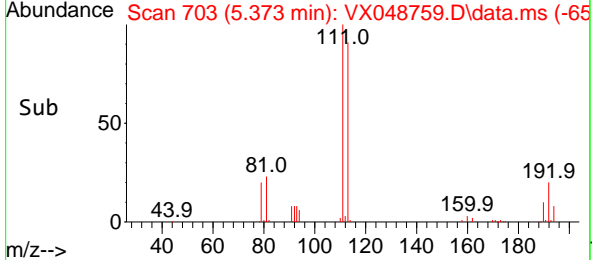
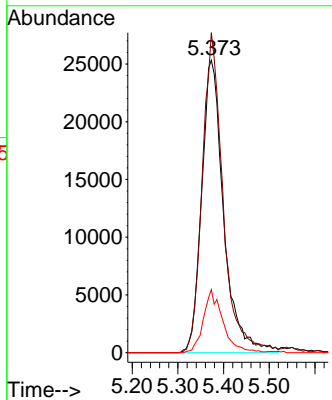
#35  
 Dibromofluoromethane  
 Concen: 59.271 ug/l  
 RT: 5.373 min Scan# 703  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Instrument : MSVOA\_X  
 Client Sample Id : TB01-120425



Tgt Ion: 113 Resp: 84671

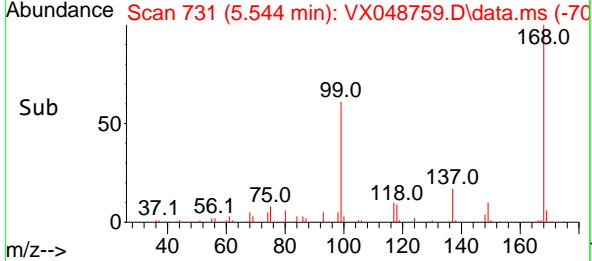
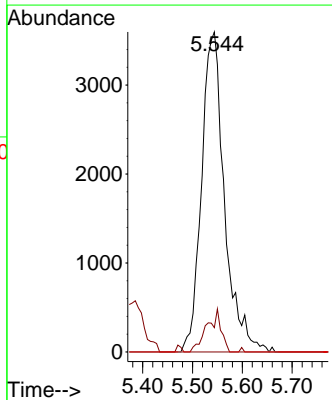
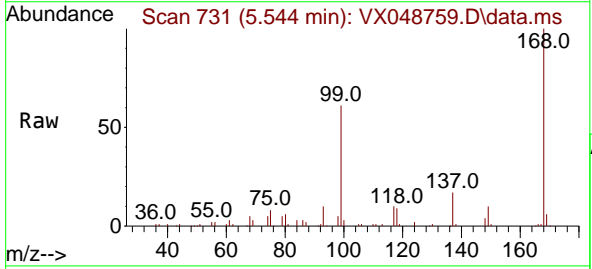
Ion	Ratio	Lower	Upper
113	100		
111	103.5	79.5	119.3
192	19.2	16.1	24.1

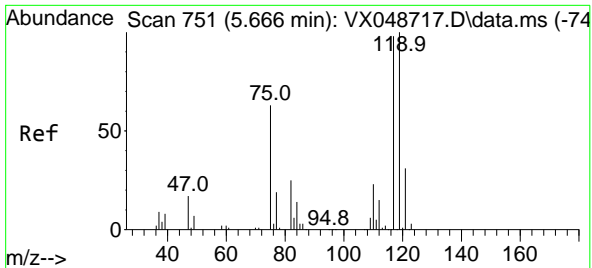


#36  
 1,1-Dichloropropene  
 Concen: 5.868 ug/l  
 RT: 5.544 min Scan# 731  
 Delta R.T. -0.140 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 75 Resp: 11481

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.6	55.8#
77	0.0	25.3	37.9#



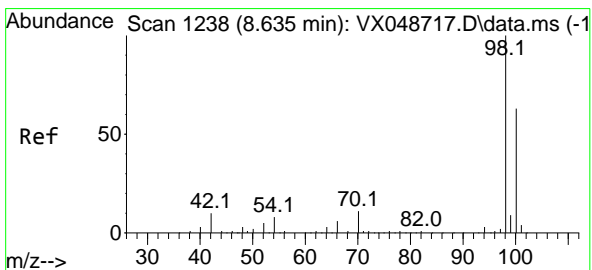
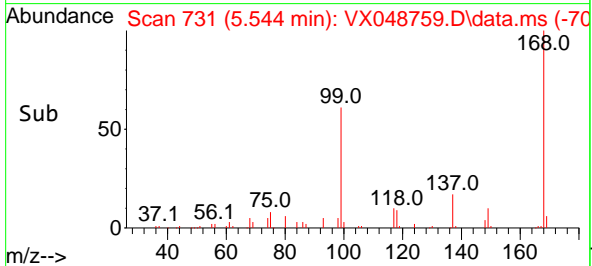
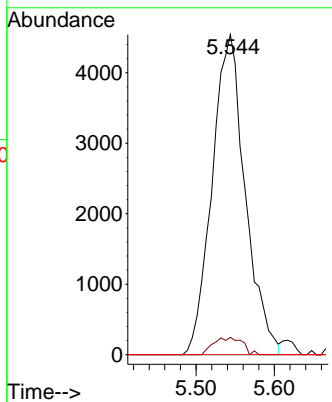
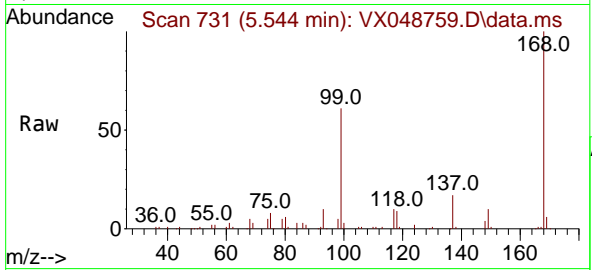


#38  
 Carbon Tetrachloride  
 Concen: 6.021 ug/l  
 RT: 5.544 min Scan# 71  
 Delta R.T. -0.122 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

Tgt Ion: 117 Resp: 13344

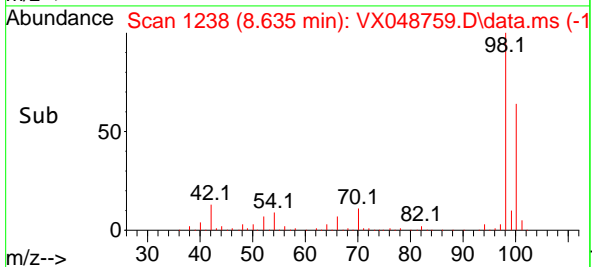
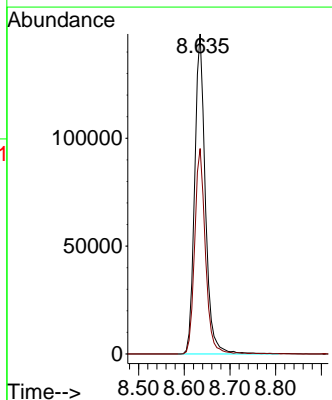
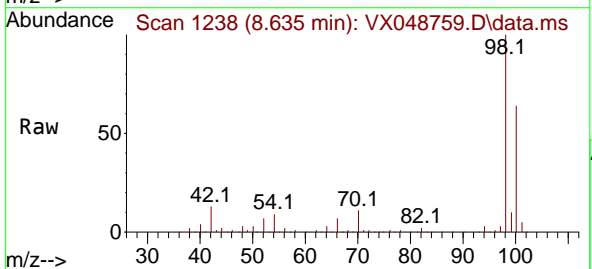
Ion	Ratio	Lower	Upper
117	100		
119	5.4	80.5	120.7#
121	0.0	25.4	38.0#



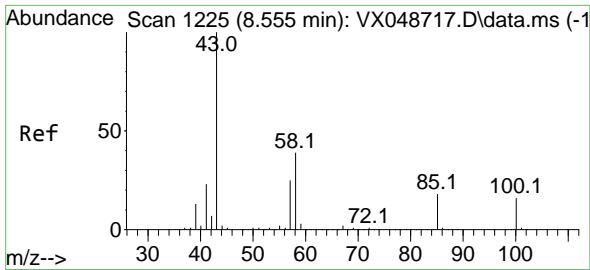
#50  
 Toluene-d8  
 Concen: 48.196 ug/l  
 RT: 8.635 min Scan# 1238  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 98 Resp: 241341

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.4	80.0



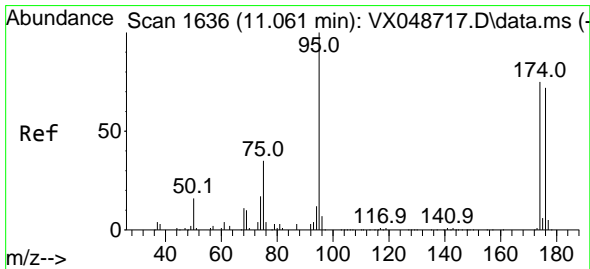
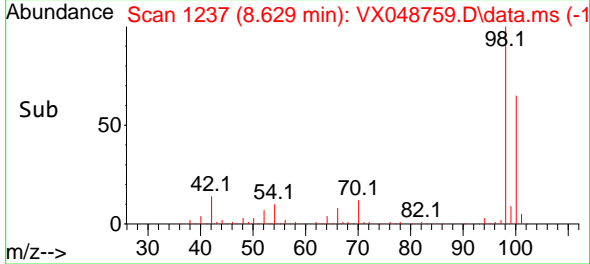
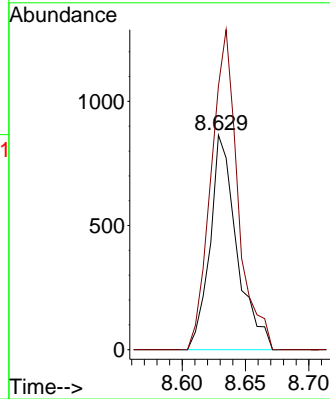
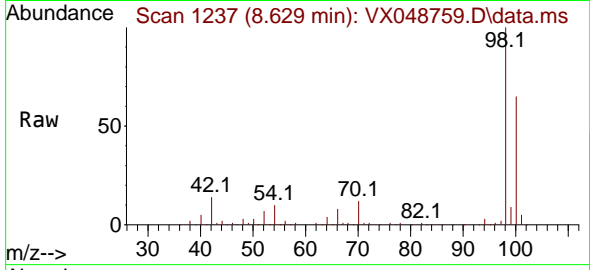




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.579 ug/l  
 RT: 8.629 min Scan# 1237  
 Delta R.T. 0.073 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

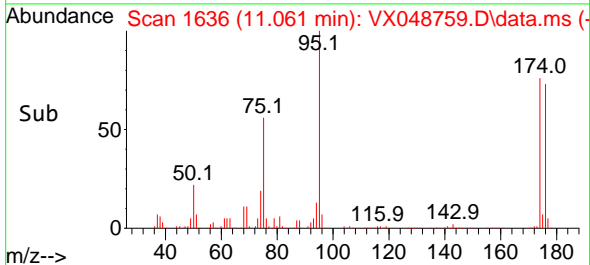
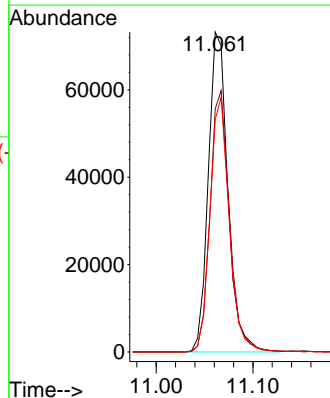
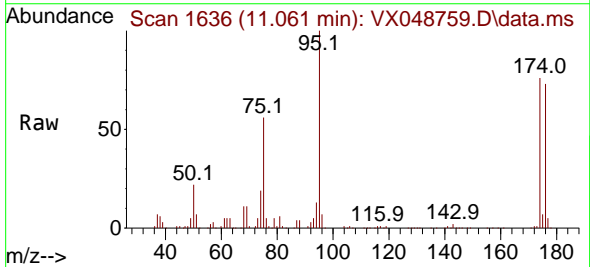
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

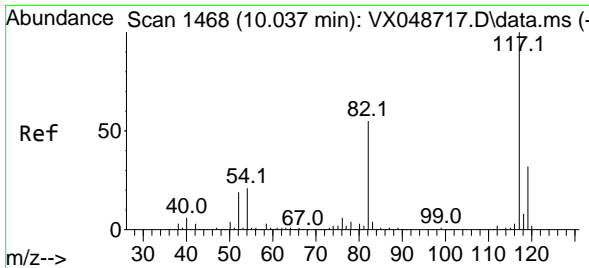
Tgt Ion: 43 Resp: 1273  
 Ion Ratio Lower Upper  
 43 100  
 58 149.5 32.2 48.4#



#62  
 4-Bromofluorobenzene  
 Concen: 59.520 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion: 95 Resp: 102776  
 Ion Ratio Lower Upper  
 95 100  
 174 81.4 0.0 157.8  
 176 78.4 0.0 154.0



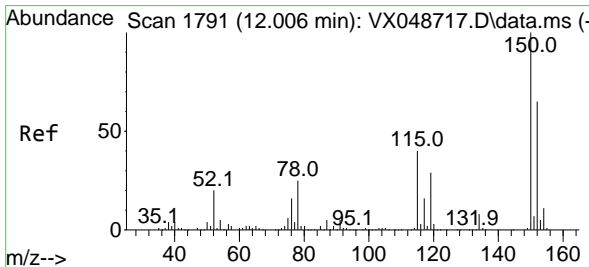
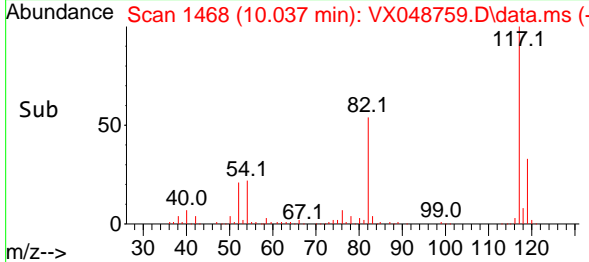
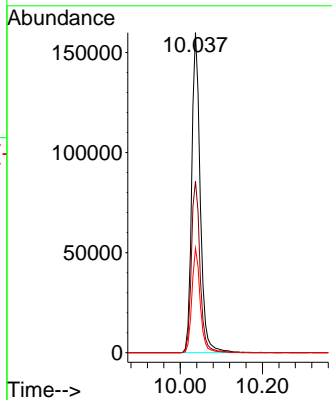
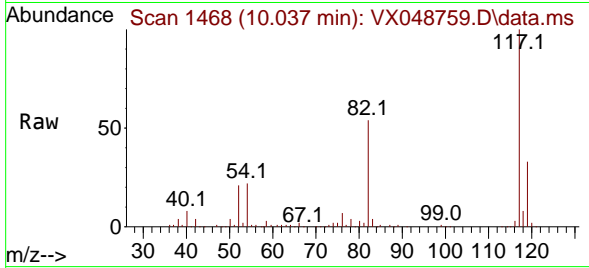


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.037 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

Tgt Ion:117 Resp: 229401

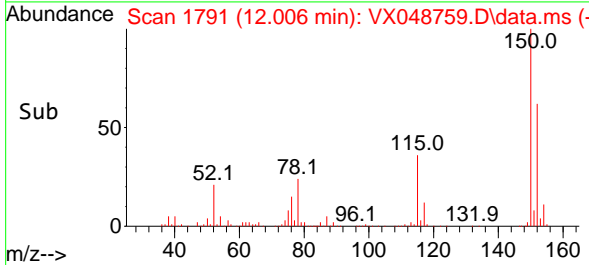
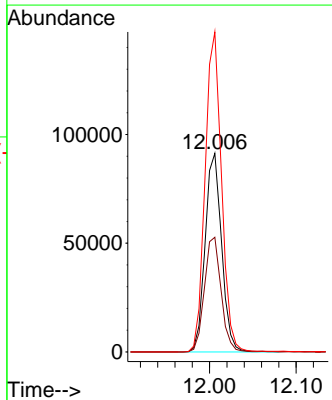
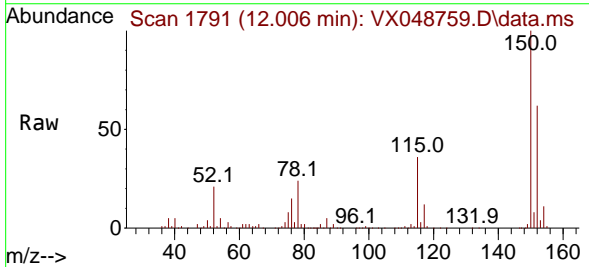
Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.1	66.1
119	32.6	25.2	37.8

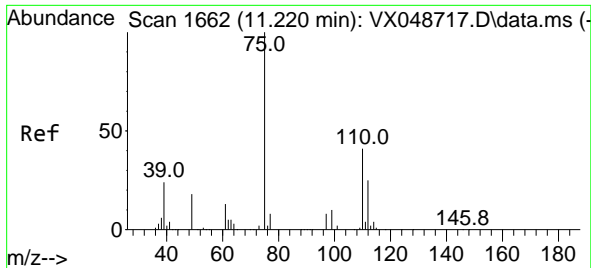


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Tgt Ion:152 Resp: 120941

Ion	Ratio	Lower	Upper
152	100		
115	58.4	42.1	126.4
150	159.9	0.0	347.8

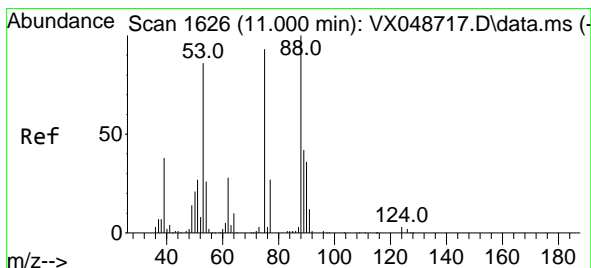
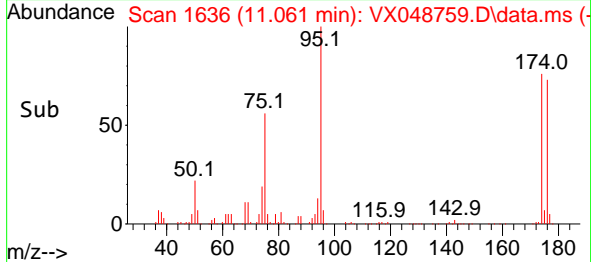
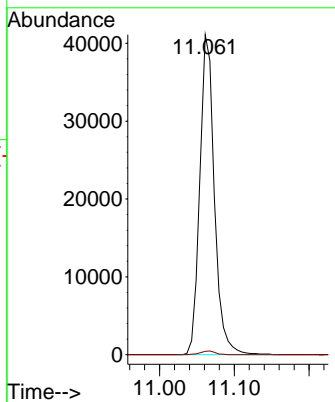
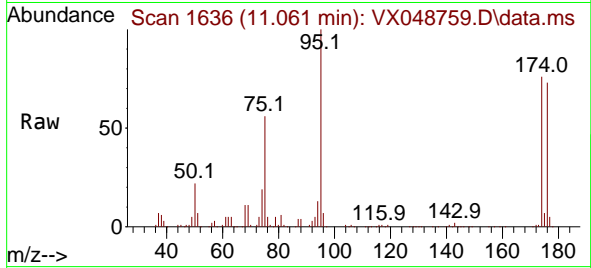




#76  
 1,2,3-Trichloropropane  
 Concen: 24.759 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.158 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

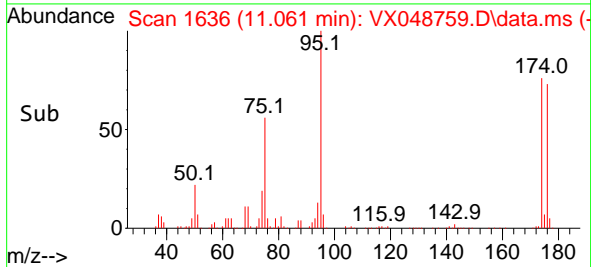
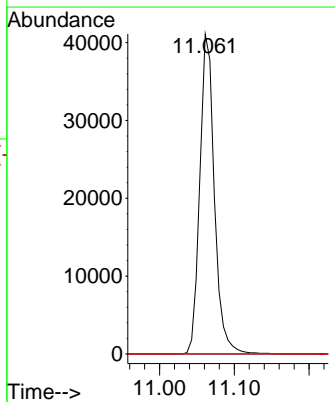
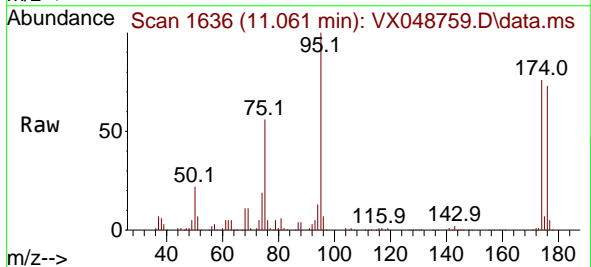
Instrument : MSVOA\_X  
 ClientSampleId : TB01-120425

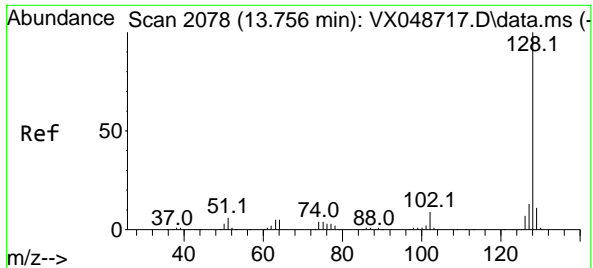
Tgt Ion: 75 Resp: 55772  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 24.3 73.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 58.813 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. 0.061 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

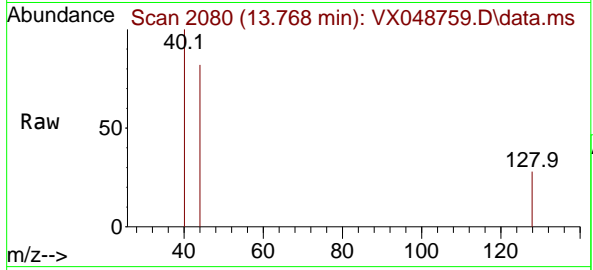
Tgt Ion: 75 Resp: 55772  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 79.9 119.9#  
 89 0.0 67.1 100.7#





#95  
 Naphthalene  
 Concen: Below Cal  
 RT: 13.768 min Scan# 20  
 Delta R.T. 0.012 min  
 Lab File: VX048759.D  
 Acq: 08 Dec 2025 16:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB01-120425



Tgt Ion:128 Resp: 102

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

