

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045427.D
 Acq On : 24 Mar 2025 19:56
 Operator : JC/MD
 Sample : Q1608-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20250319

Quant Time: Mar 25 01:40:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

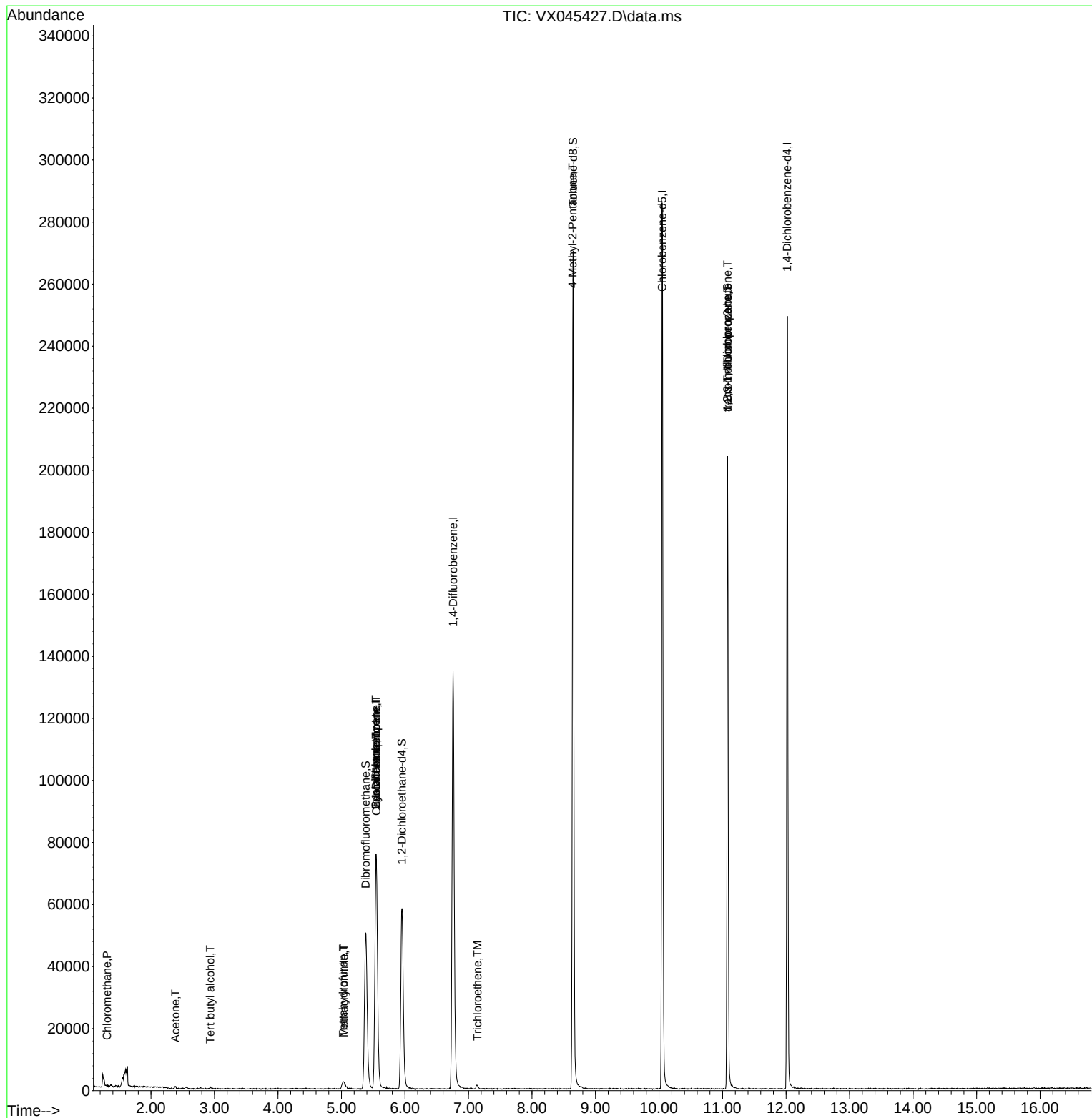
Internal Standards						
1) Pentafluorobenzene	5.544	168	66010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58266	55.492	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.980%			
35) Dibromofluoromethane	5.379	113	44214	51.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	153598	49.150	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	52579	50.774	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.540%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	350	0.344	ug/l	94
11) Tert butyl alcohol	2.934	59	104	0.523	ug/l #	73
16) Acetone	2.386	43	843	1.730	ug/l #	22
29) Tetrahydrofuran	5.026	42	2619	5.318	ug/l #	72
31) Cyclohexane	5.544	56	2004	1.403	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6555	5.545	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7609	6.340	ug/l #	15
41) Methacrylonitrile	5.038	41	1697	2.060	ug/l #	47
44) Trichloroethene	7.141	130	580	0.662	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	880	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29907	27.779	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29907	95.066	ug/l #	6

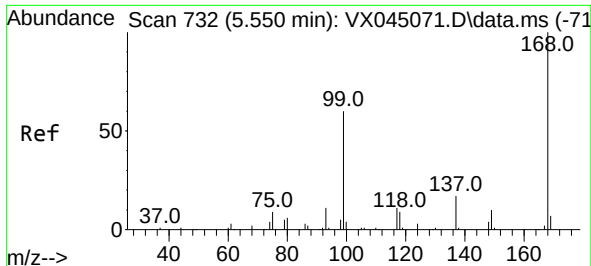
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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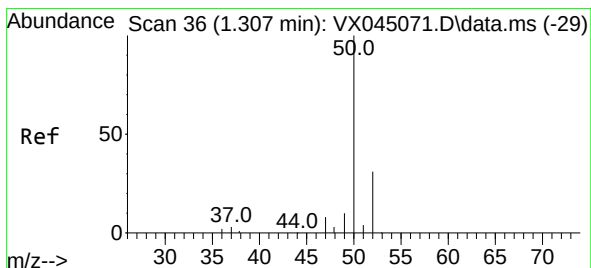
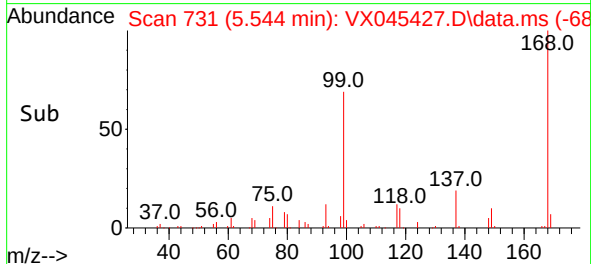
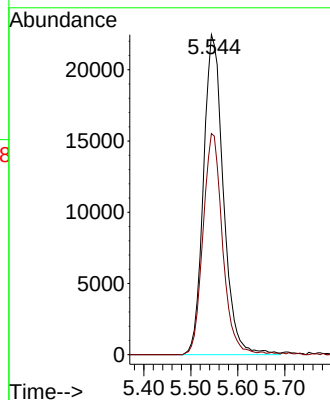
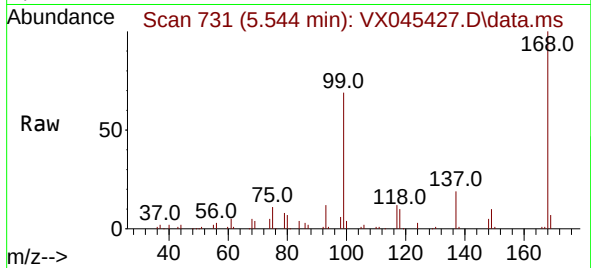




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

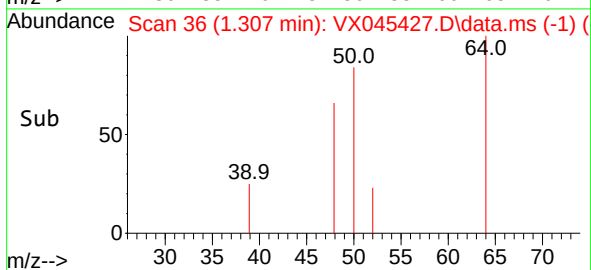
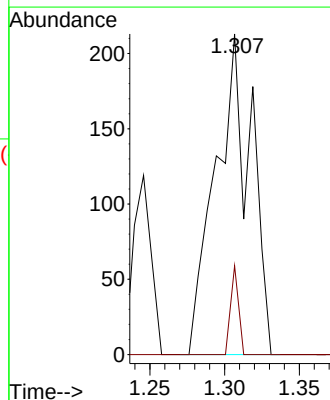
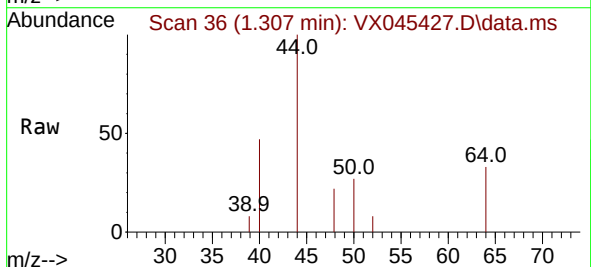
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

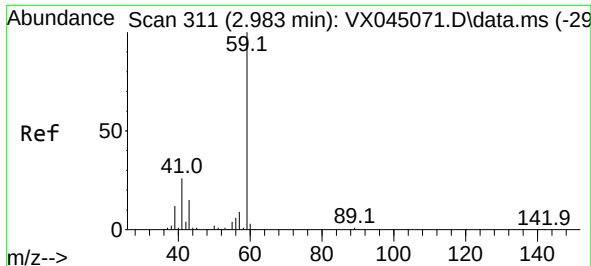
Tgt Ion:168 Resp: 66010
Ion Ratio Lower Upper
168 100
99 69.1 48.2 72.4



#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 27.7 25.0 37.4





#11

Tert butyl alcohol

Concen: 0.523 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045427.D

Acq: 24 Mar 2025 19:56

Instrument :

MSVOA_X

ClientSampleId :

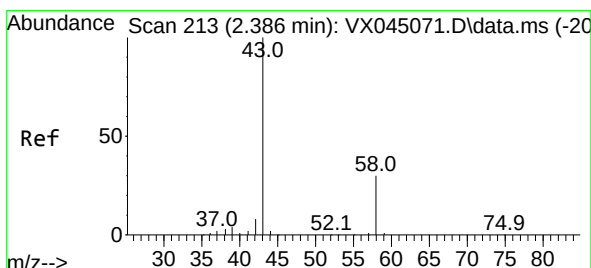
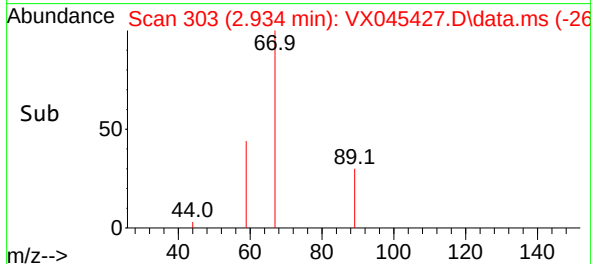
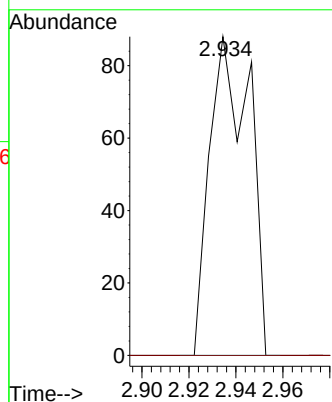
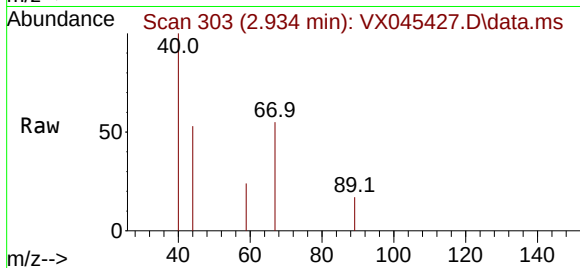
RW8-MW01D3-20250319

Tgt Ion: 59 Resp: 104

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.730 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045427.D

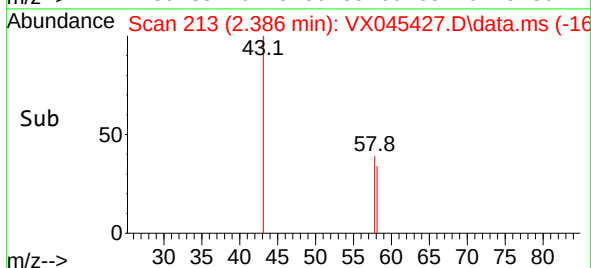
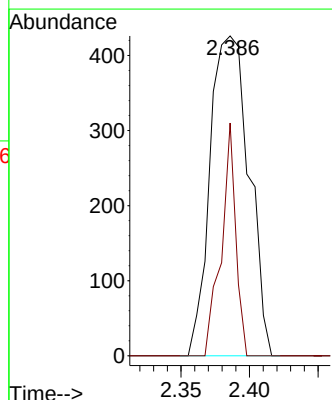
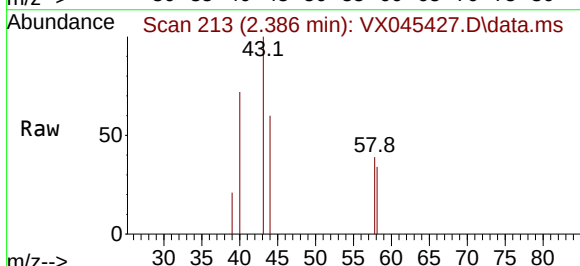
Acq: 24 Mar 2025 19:56

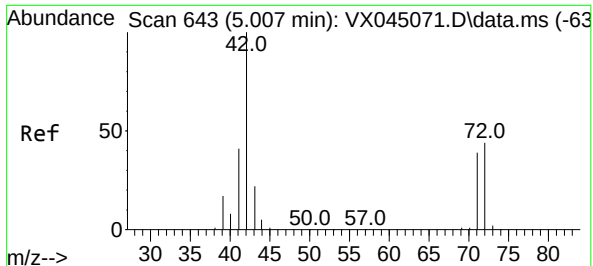
Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

43 100

58 72.8 24.2 36.4#





#29

Tetrahydrofuran

Concen: 5.318 ug/l

RT: 5.026 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX045427.D

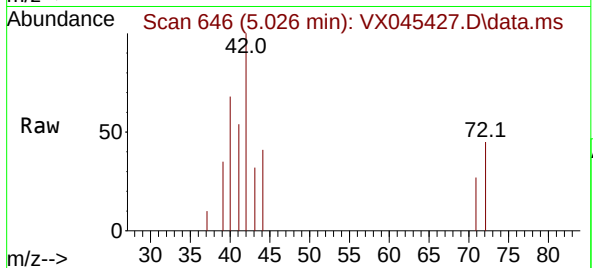
Acq: 24 Mar 2025 19:56

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20250319



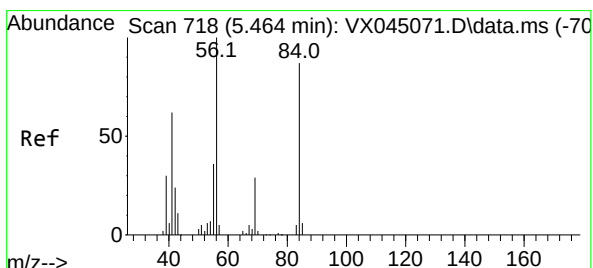
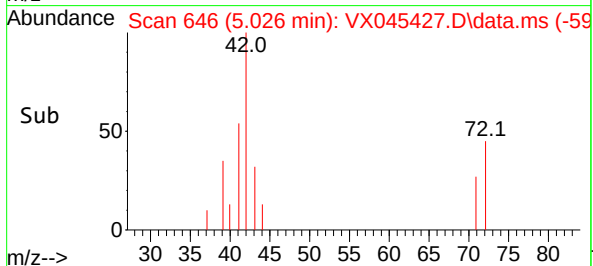
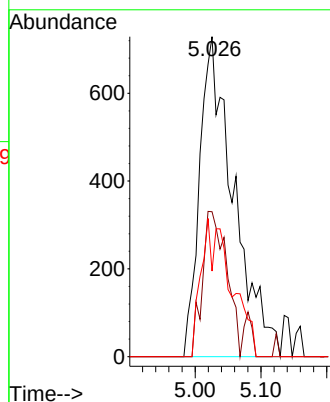
Tgt Ion: 42 Resp: 2619

Ion	Ratio	Lower	Upper
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42	100		
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72	32.4	34.1	51.1#
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71	14.6	31.4	47.0#
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#31

Cyclohexane

Concen: 1.403 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045427.D

Acq: 24 Mar 2025 19:56

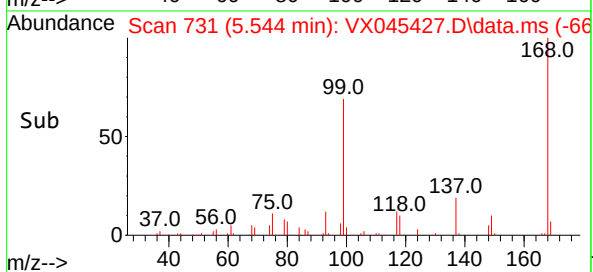
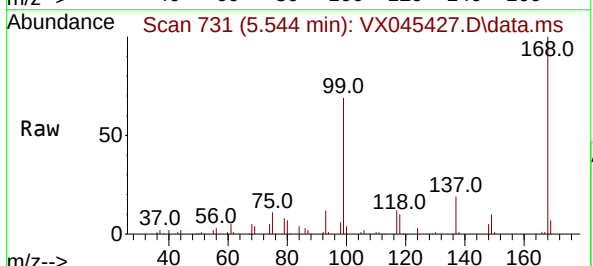
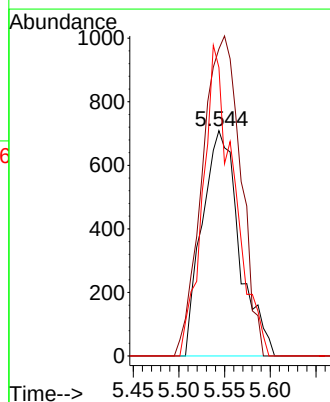
Tgt Ion: 56 Resp: 2004

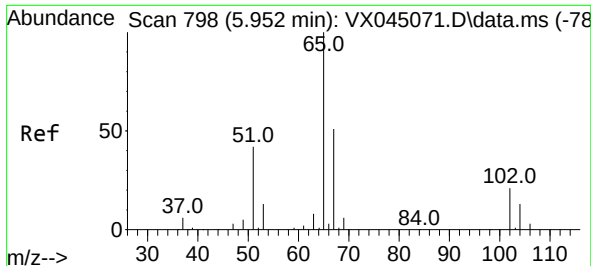
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

56	100		
----	-----	--	--

69	136.2	23.4	35.2#
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84	128.1	69.4	104.2#
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#33

1,2-Dichloroethane-d4

Concen: 55.492 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045427.D

Acq: 24 Mar 2025 19:56

Instrument :

MSVOA_X

ClientSampleId :

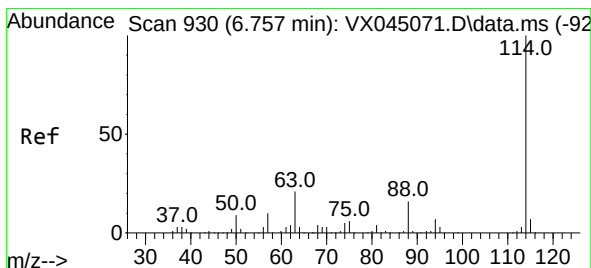
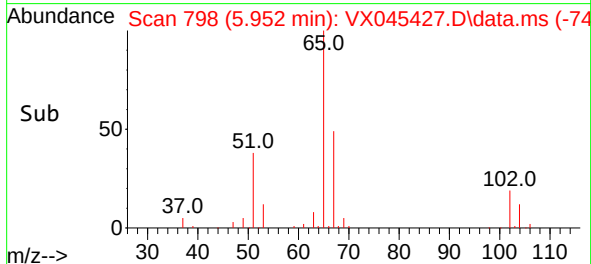
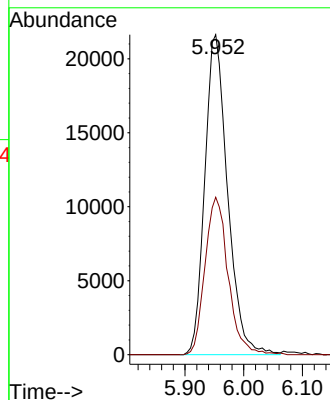
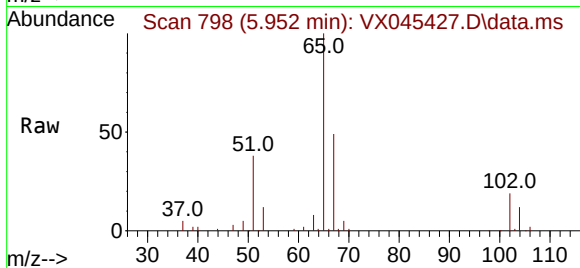
RW8-MW01D3-20250319

Tgt Ion: 65 Resp: 58266

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045427.D

Acq: 24 Mar 2025 19:56

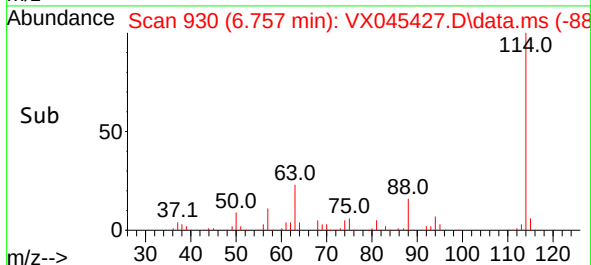
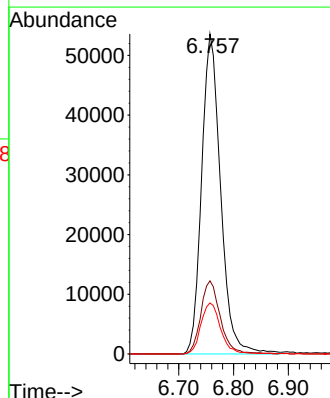
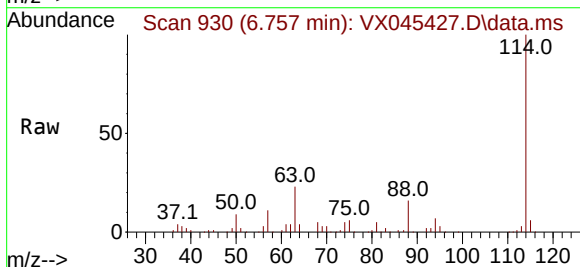
Tgt Ion: 114 Resp: 128913

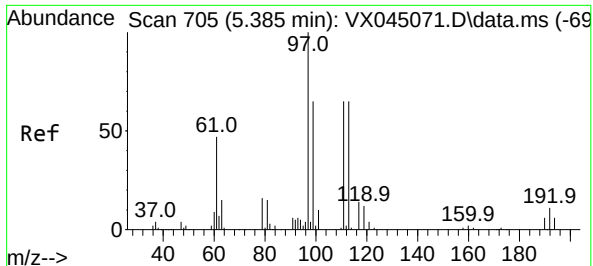
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.9 0.0 32.8

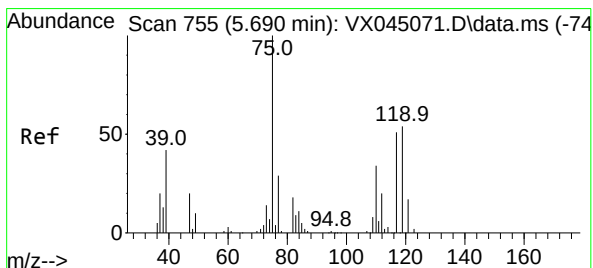
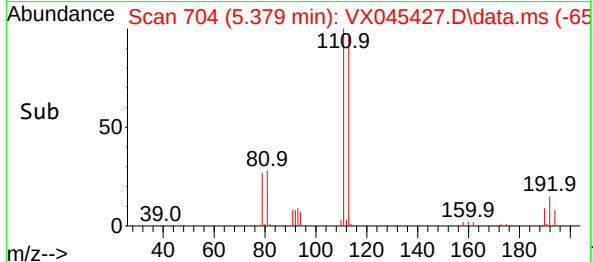
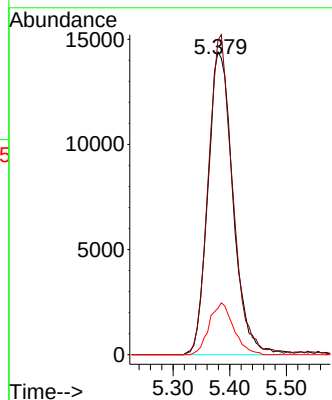
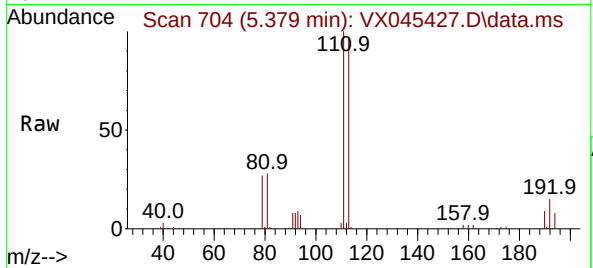




#35
 Dibromofluoromethane
 Concen: 51.292 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX045427.D
 Acq: 24 Mar 2025 19:56

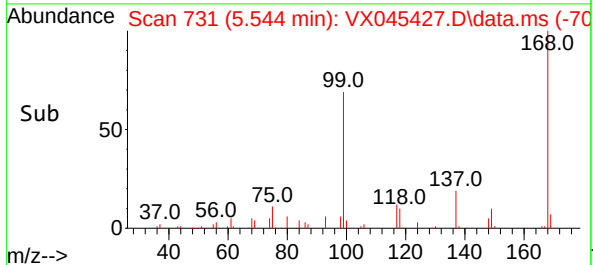
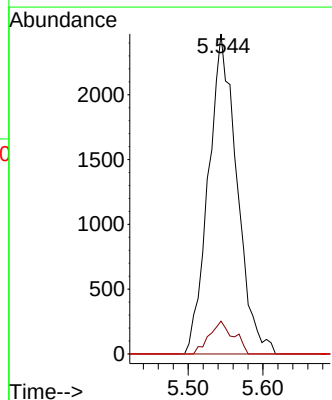
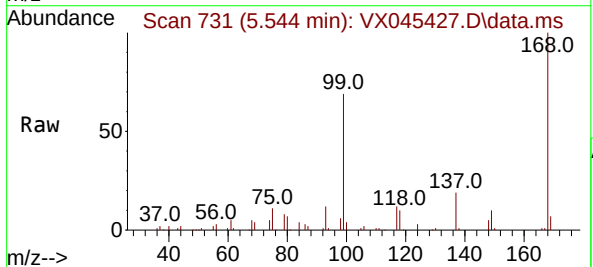
Instrument : MSVOA_X
 ClientSampleId : RW8-MW01D3-20250319

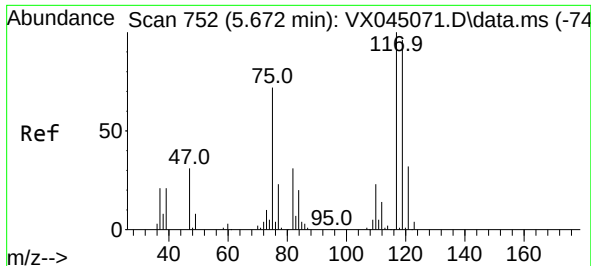
Tgt Ion:	113	Resp:	44214
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	16.6	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 5.545 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.146 min
 Lab File: VX045427.D
 Acq: 24 Mar 2025 19:56

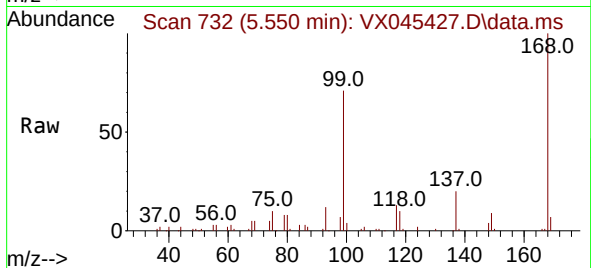
Tgt Ion:	75	Resp:	6555
Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.9	50.6#
77	0.0	24.5	36.7#



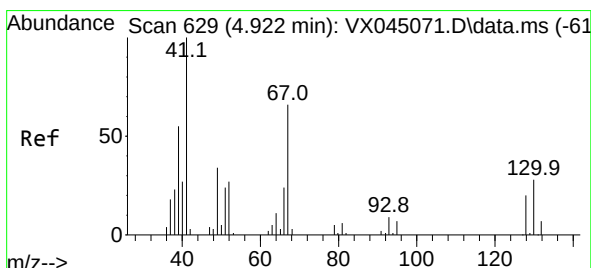
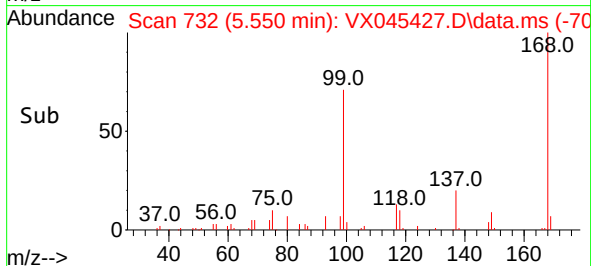
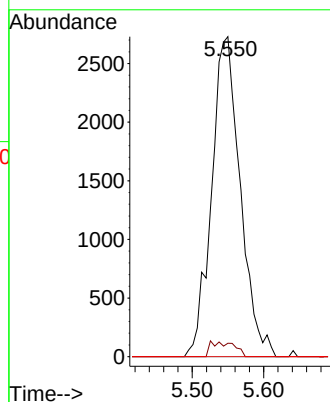


#38
Carbon Tetrachloride
Concen: 6.340 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

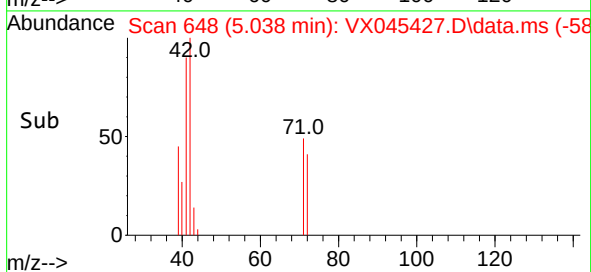
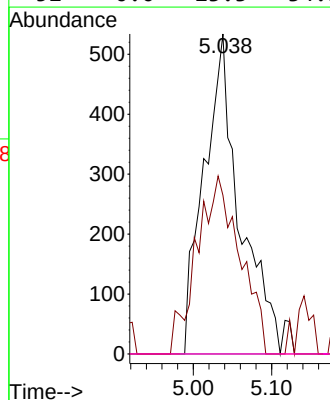
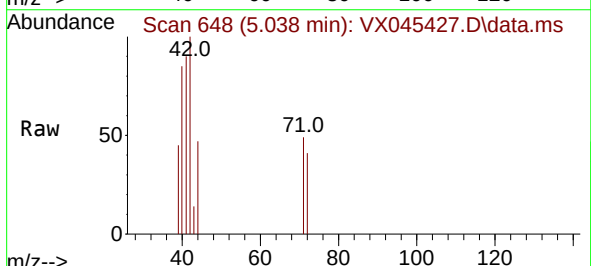


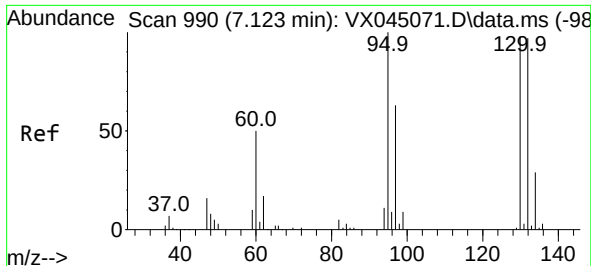
Tgt Ion:117 Resp: 7609
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#



#41
Methacrylonitrile
Concen: 2.060 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion: 41 Resp: 1697
Ion Ratio Lower Upper
41 100
39 67.1 44.6 67.0#
67 0.0 53.9 80.9#
52 0.0 23.3 34.9#

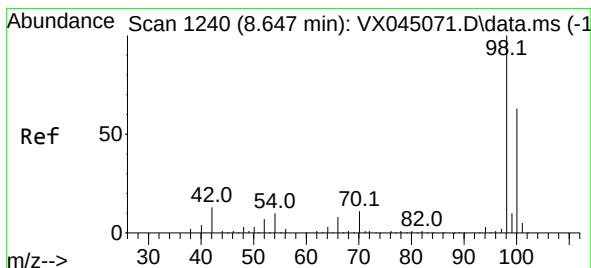
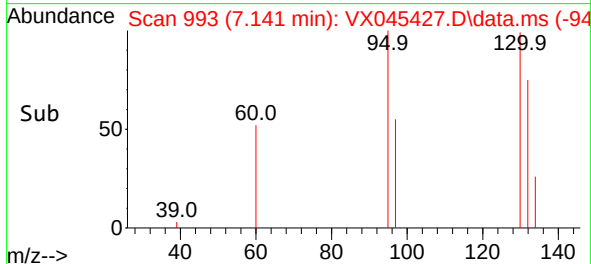
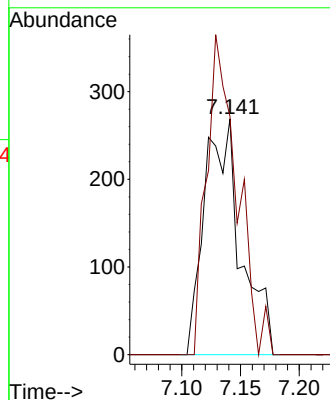
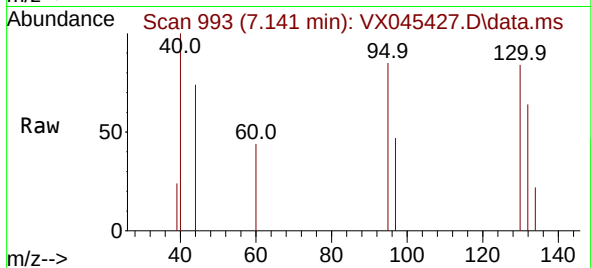




#44
Trichloroethene
Concen: 0.662 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

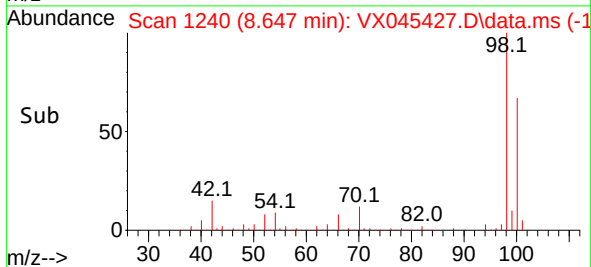
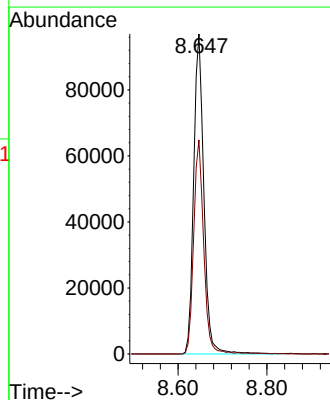
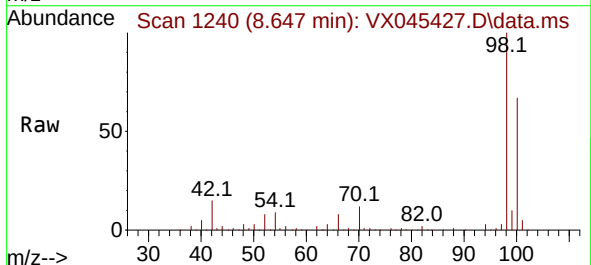
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

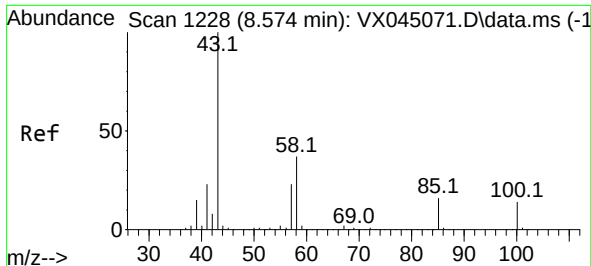
Tgt Ion:130 Resp: 580
Ion Ratio Lower Upper
130 100
95 101.1 0.0 205.0



#50
Toluene-d8
Concen: 49.150 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion: 98 Resp: 153598
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

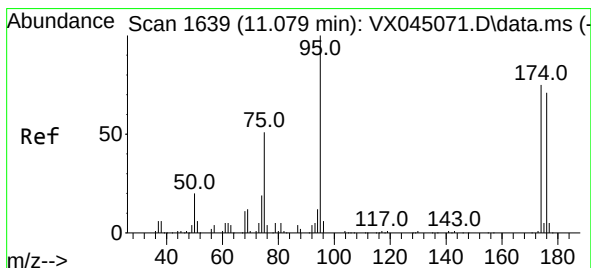
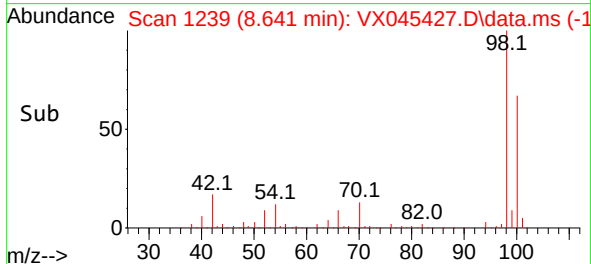
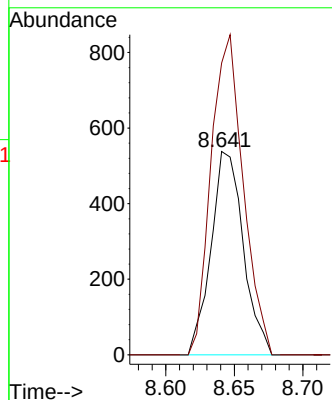
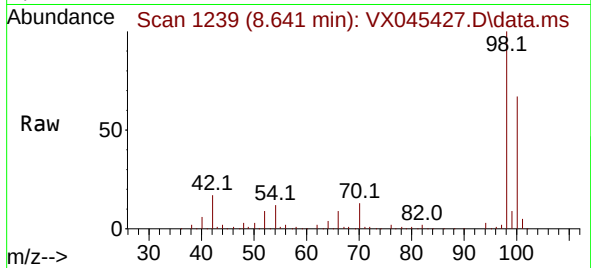




#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

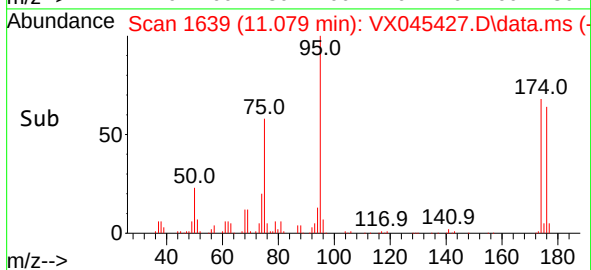
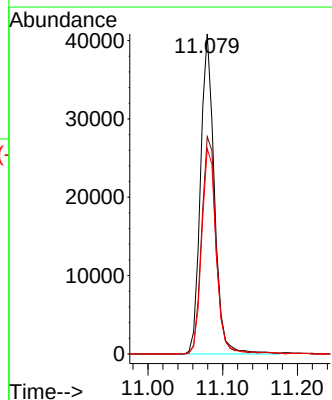
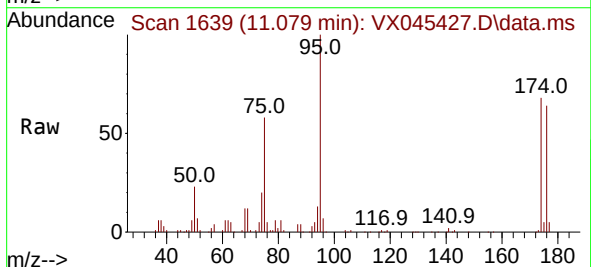
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

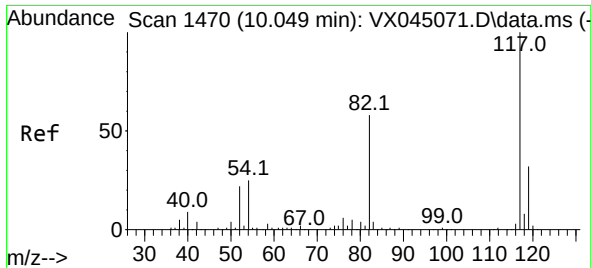
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 157.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion: 95 Resp: 52579
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.2
176 67.1 0.0 141.4

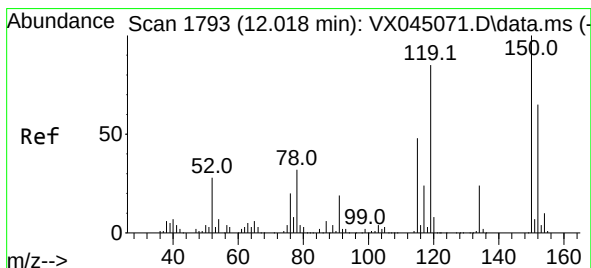
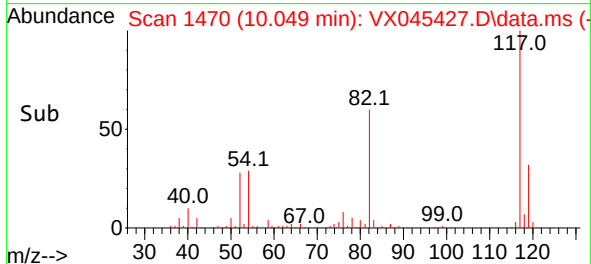
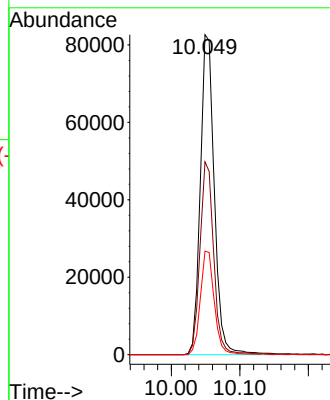
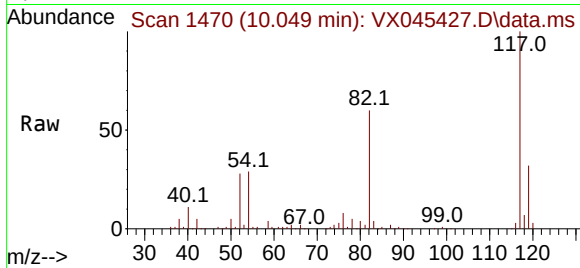




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

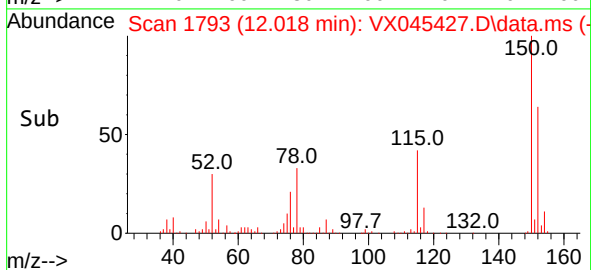
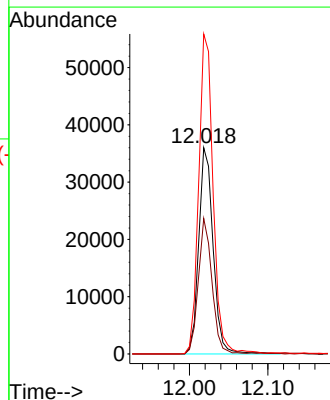
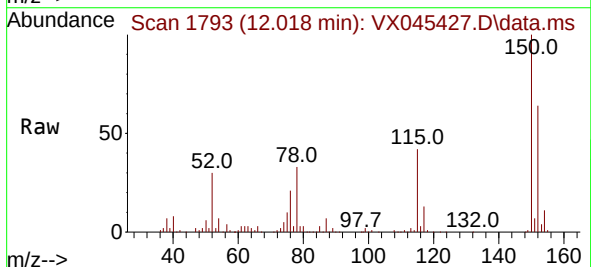
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

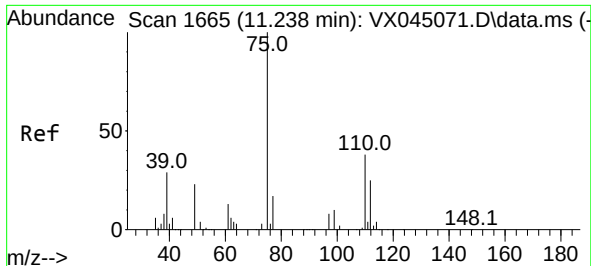
Tgt Ion:117 Resp: 117995
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion:152 Resp: 46255
Ion Ratio Lower Upper
152 100
115 62.2 44.2 132.6
150 155.0 0.0 349.0

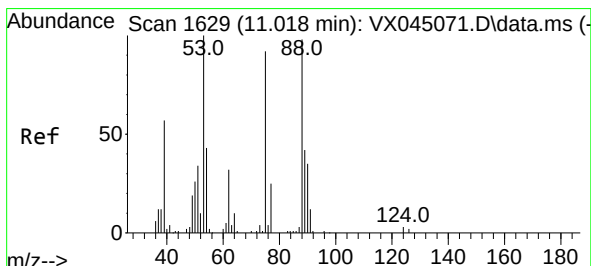
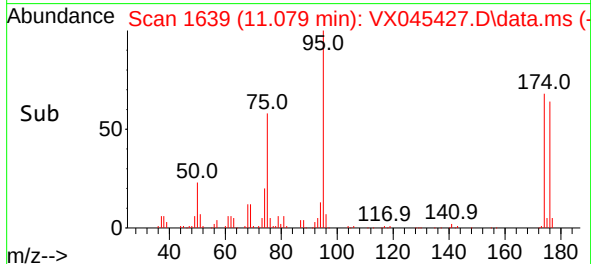
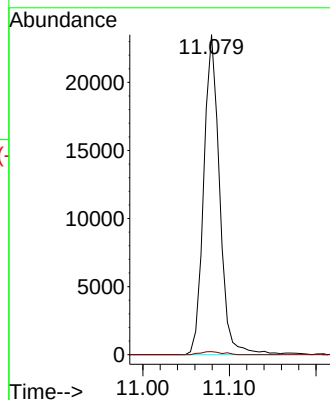
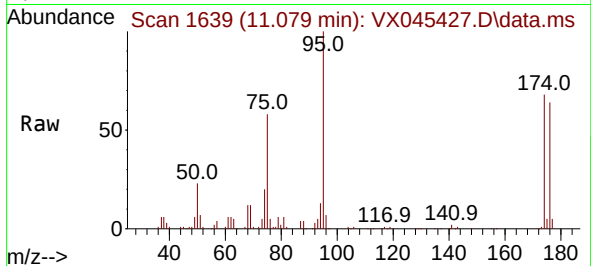




#76
1,2,3-Trichloropropane
Concen: 27.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20250319

Tgt Ion: 75 Resp: 29907
Ion Ratio Lower Upper
75 100
77 1.3 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045427.D
Acq: 24 Mar 2025 19:56

Tgt Ion: 75 Resp: 29907
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.2 36.2 54.4#

