

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044318.D
 Acq On : 16 Dec 2024 13:01
 Operator : JC/MD
 Sample : P5261-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM3-RW3-MW1-20241210

Quant Time: Dec 17 00:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99121	48.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.100%		
35) Dibromofluoromethane	5.385	113	69790	46.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	8.647	98	262789	51.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.880%		
62) 4-Bromofluorobenzene	11.079	95	84446	47.764	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.520%		
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	256	0.201	ug/l #	46
11) Tert butyl alcohol	2.947	59	260	0.904	ug/l #	90
16) Acetone	2.386	43	978	1.175	ug/l	98
20) Methylene Chloride	2.782	84	409	0.262	ug/l #	84
30) Chloroform	5.093	83	1323	0.432	ug/l #	39
31) Cyclohexane	5.550	56	3327	1.510	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	10766	5.553	ug/l #	51
38) Carbon Tetrachloride	5.538	117	13876	6.648	ug/l #	17
44) Trichloroethene	7.123	130	27024	18.411	ug/l	90
49) 1,4-Dioxane	7.836	88	33	1.095	ug/l #	32
51) 4-Methyl-2-Pentanone	8.647	43	1554	0.645	ug/l #	1
60) Dibromochloromethane	9.269	129	1986	2.533	ug/l #	11
64) Tetrachloroethene	9.275	164	1587	1.274	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	47616	27.978	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	47616	76.805	ug/l #	4

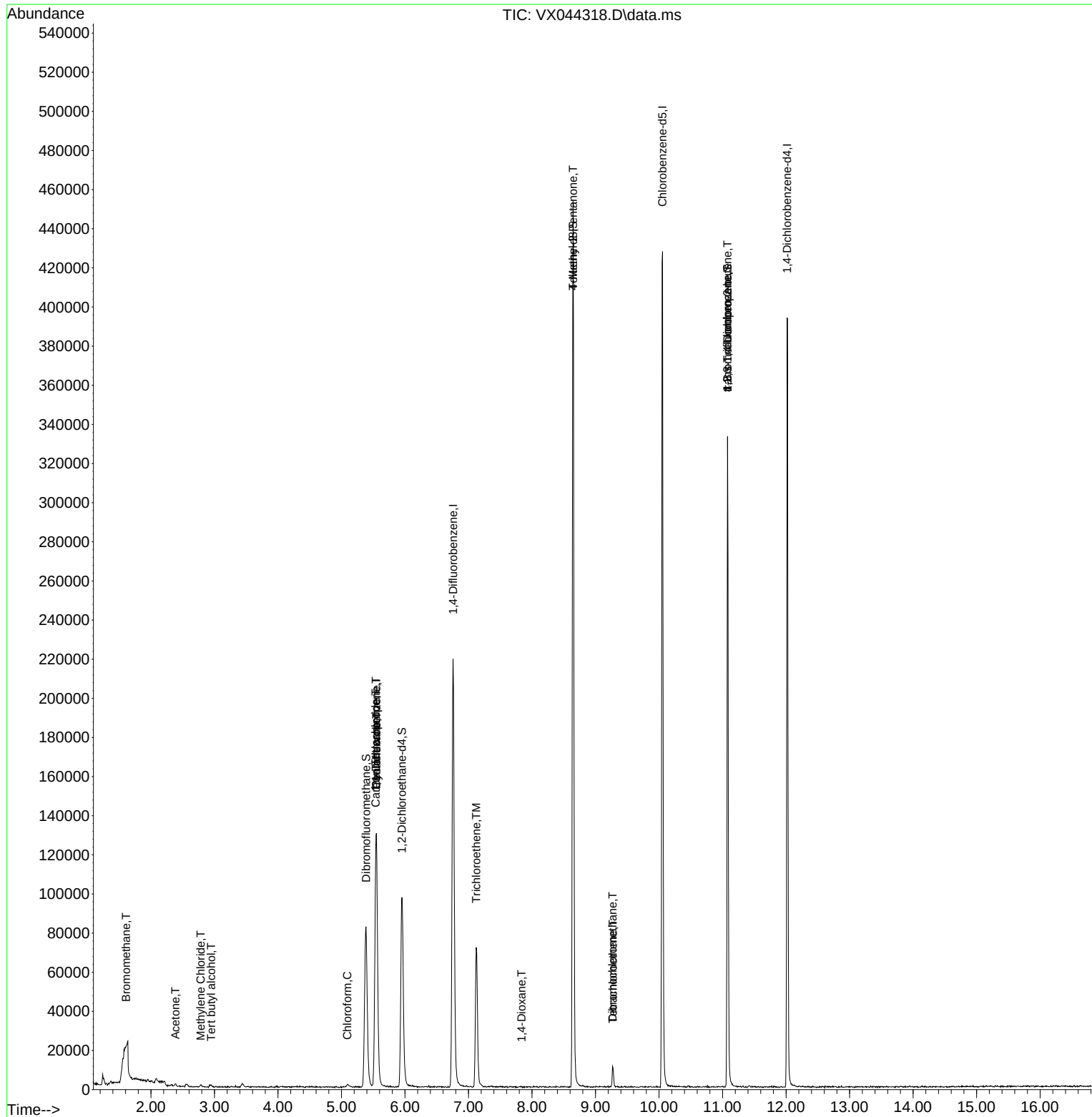
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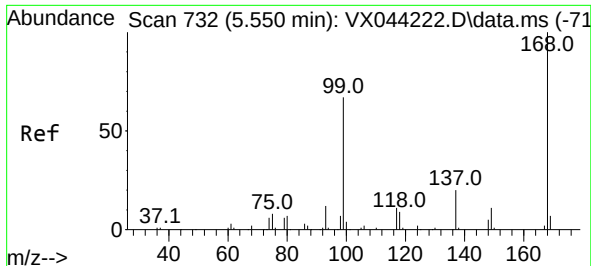
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\  
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Instrument :
MSVOA_X

ClientSampleId :
GM3-RW3-MW1-20241210

Quant Time: Dec 17 00:48:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
Qlast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

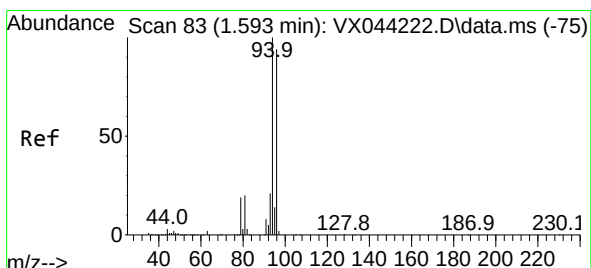
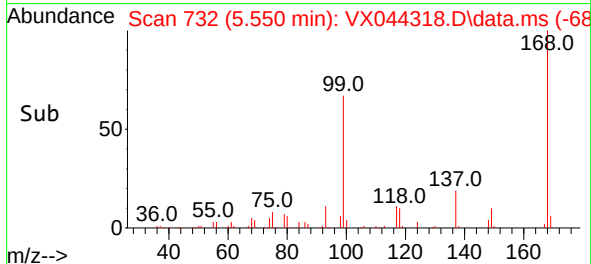
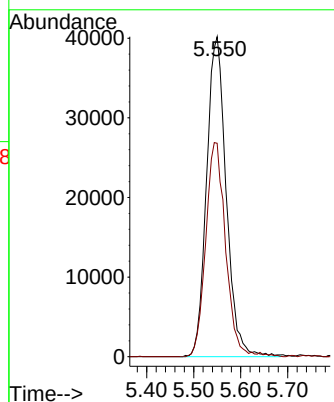
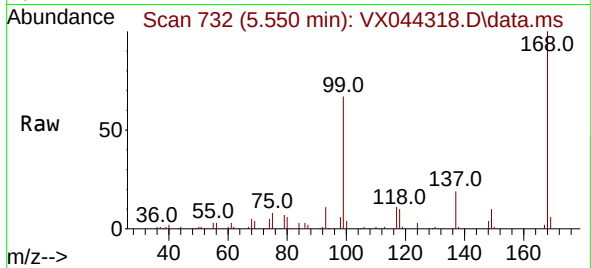




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

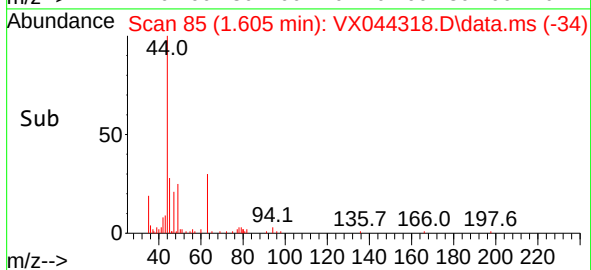
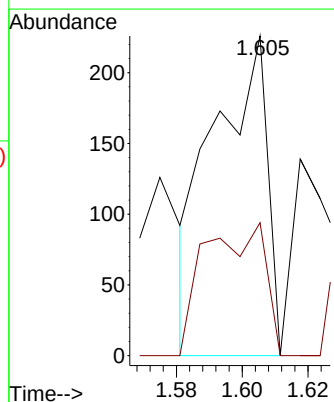
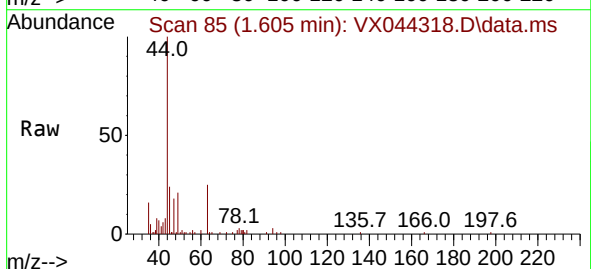
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

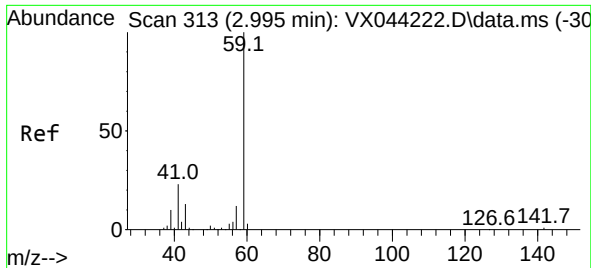
Tgt Ion:168 Resp: 116448
Ion Ratio Lower Upper
168 100
99 66.7 53.4 80.0



#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 41.6 74.9 112.3#

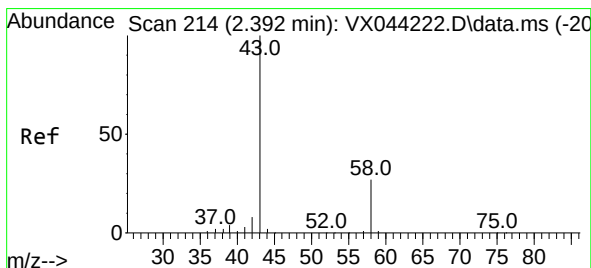
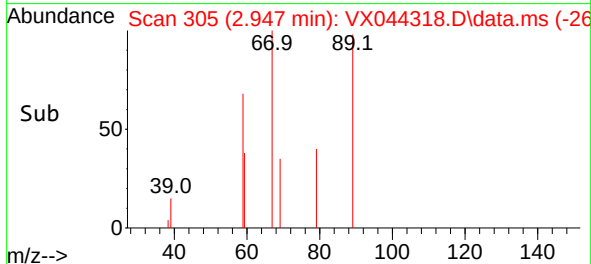
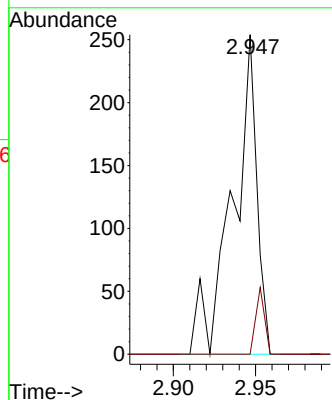
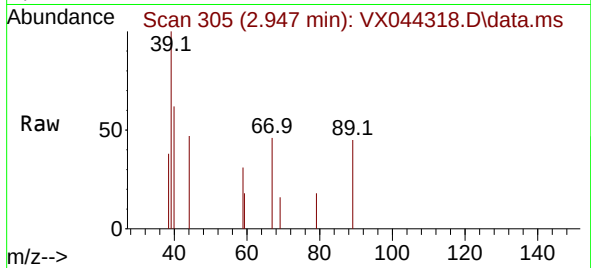




#11
Tert butyl alcohol
Concen: 0.904 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

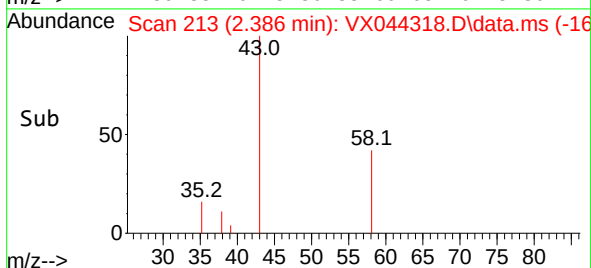
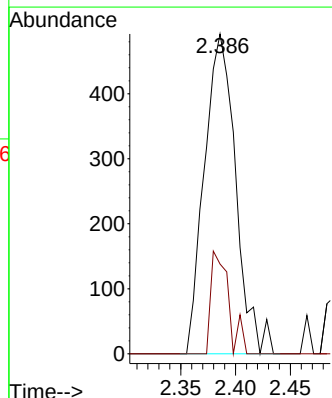
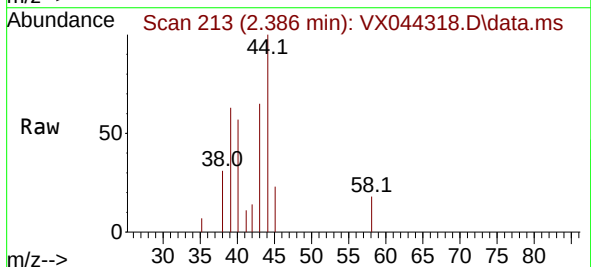
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ClientSampleId :
GM3-RW3-MW1-20241210

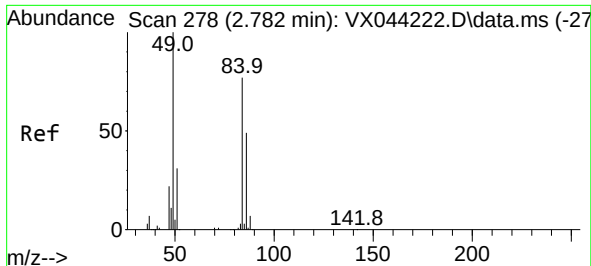
Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 7.3 8.8 13.2#



#16
Acetone
Concen: 1.175 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 28.0 21.6 32.4

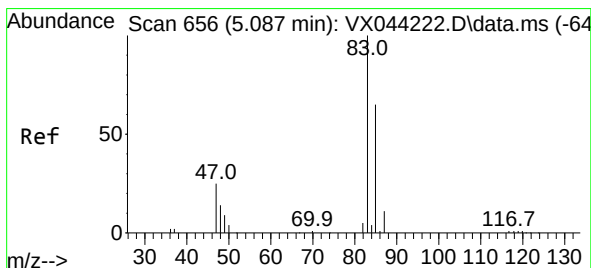
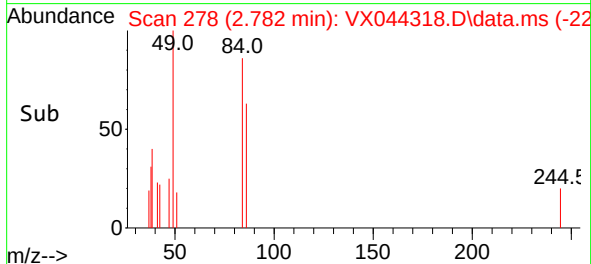
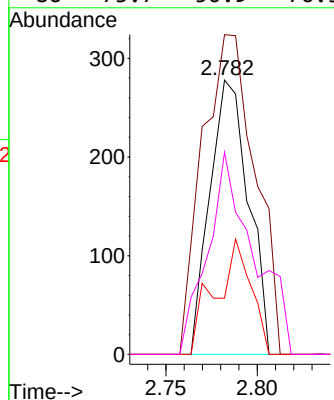
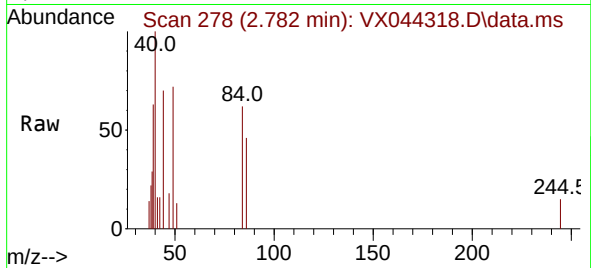




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

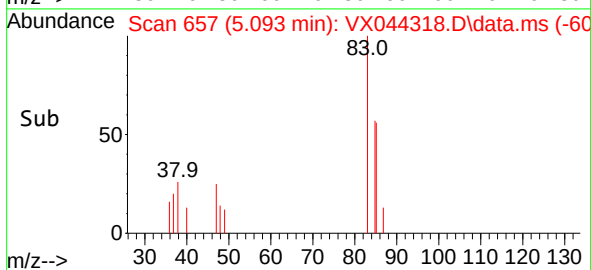
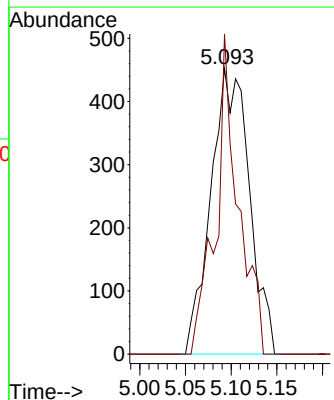
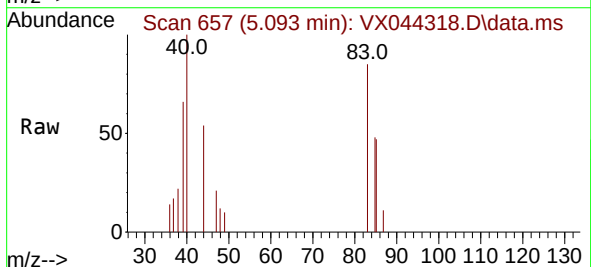
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

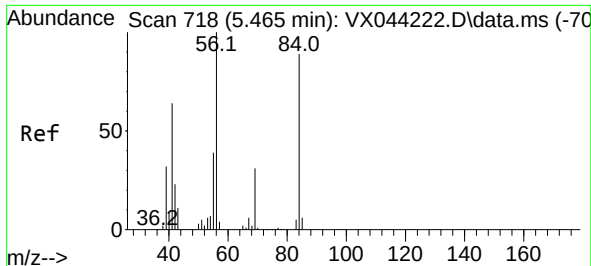
Tgt Ion:	84	Resp:	409
Ion	Ratio	Lower	Upper
84	100		
49	116.5	104.2	156.4
51	20.5	32.2	48.4#
86	73.7	50.9	76.3



#30
Chloroform
Concen: 0.432 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion:	83	Resp:	1323
Ion	Ratio	Lower	Upper
83	100		
85	112.2	51.6	77.4#

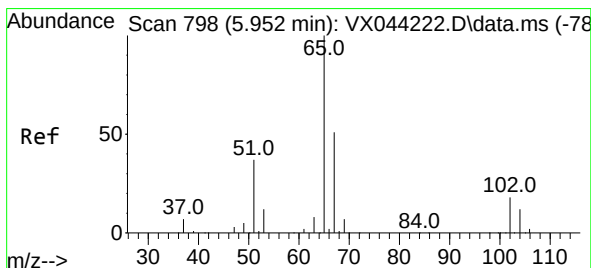
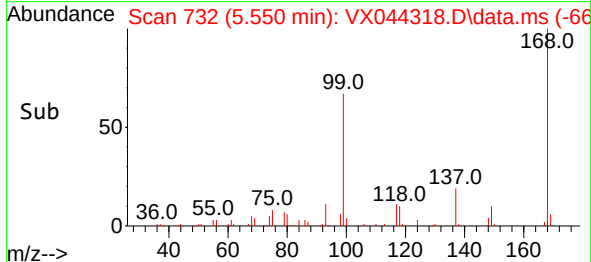
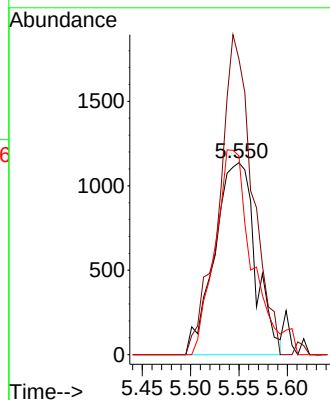
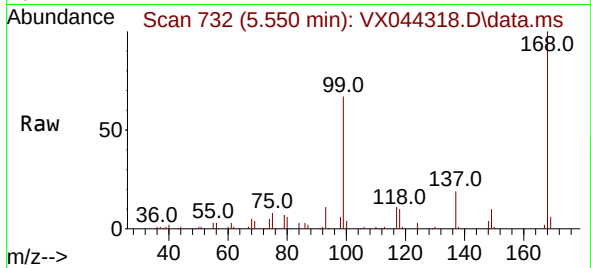




#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

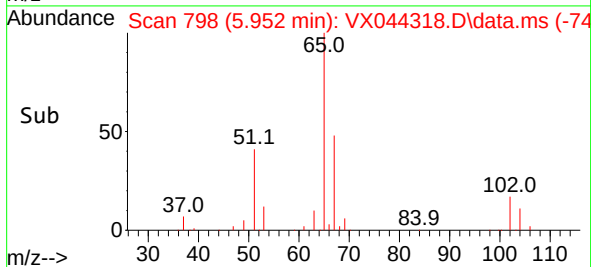
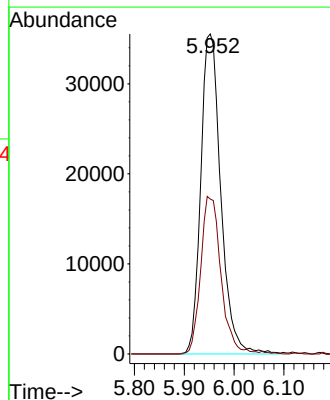
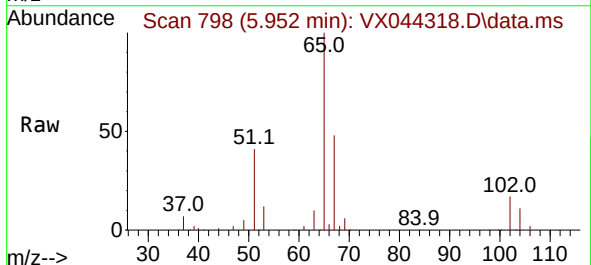
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

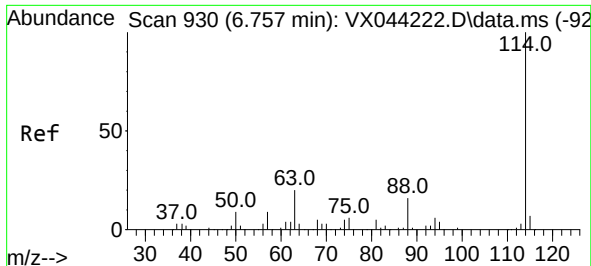
Tgt Ion: 56 Resp: 3327
Ion Ratio Lower Upper
56 100
69 154.0 24.7 37.1#
84 103.6 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 48.548 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 65 Resp: 99121
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

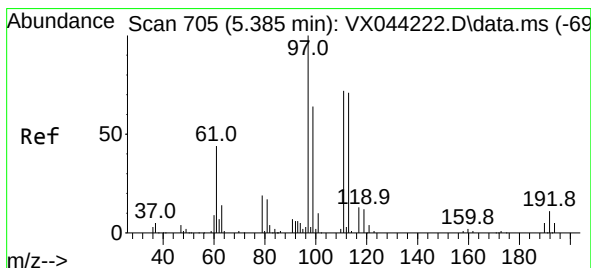
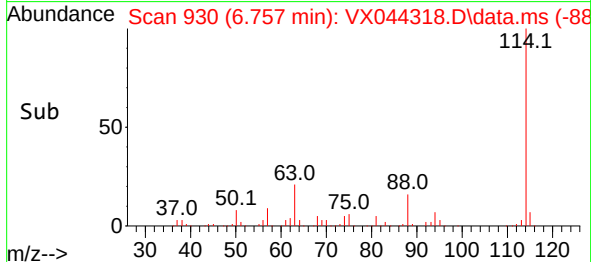
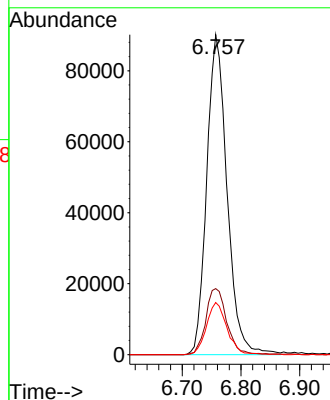
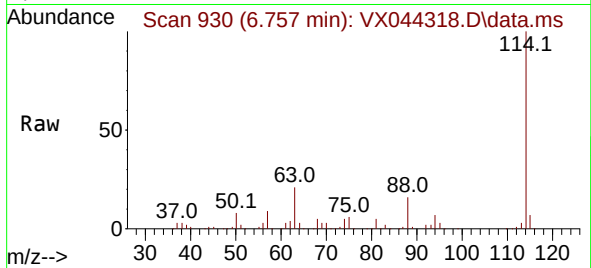




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

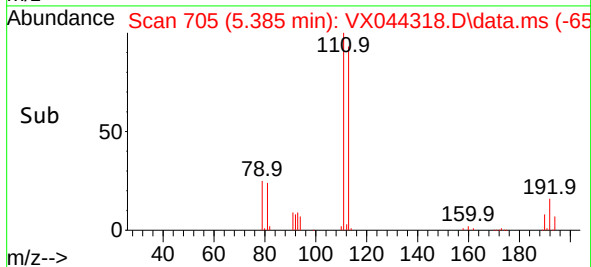
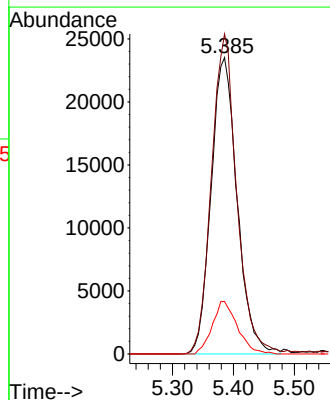
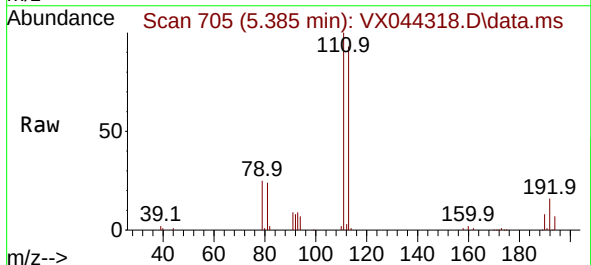
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

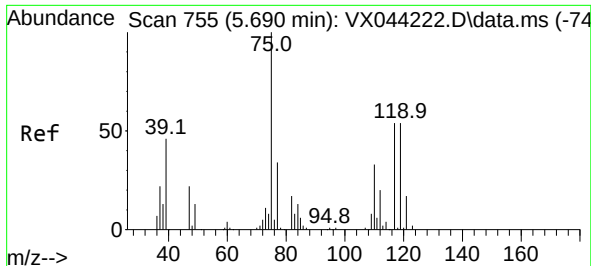
Tgt Ion:114 Resp: 216541
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.535 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion:113 Resp: 69790
Ion Ratio Lower Upper
113 100
111 104.7 80.4 120.6
192 17.2 13.3 19.9

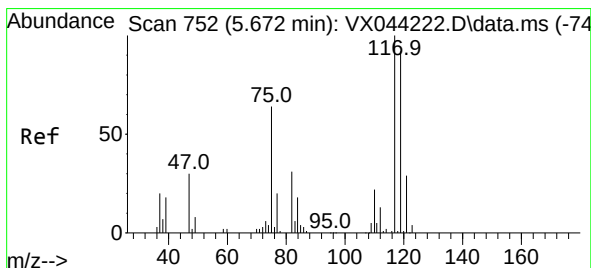
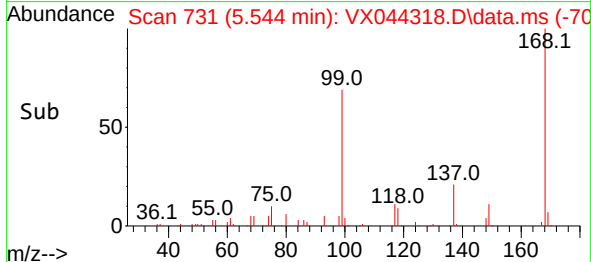
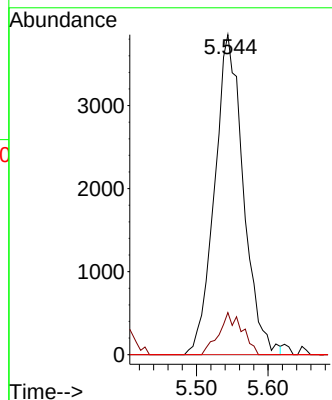
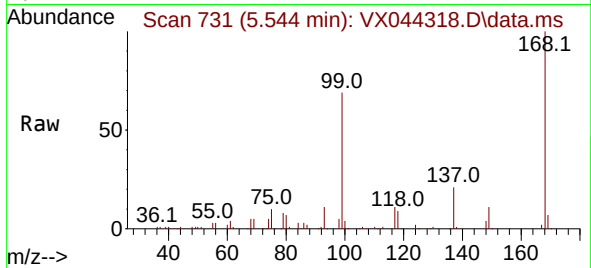




#36
1,1-Dichloropropene
Concen: 5.553 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

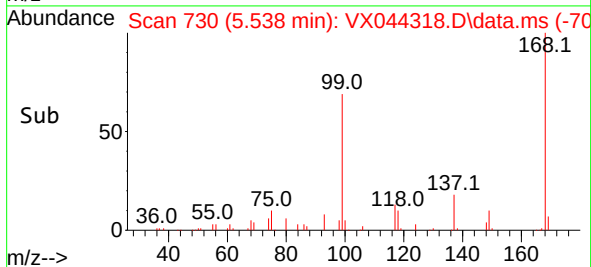
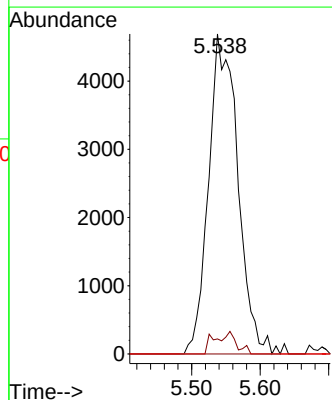
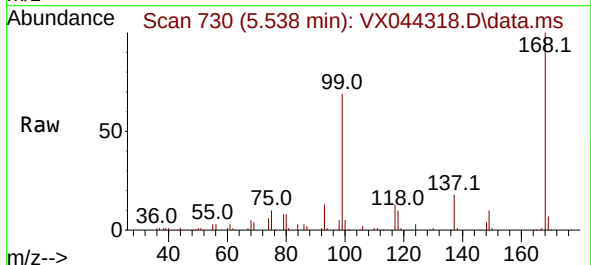
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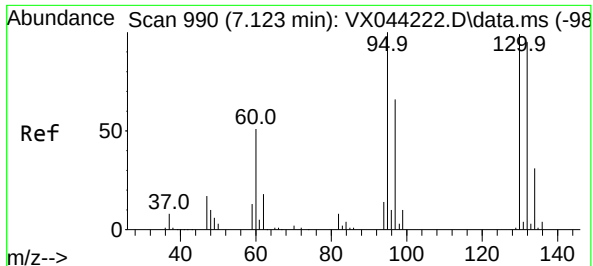
Tgt Ion: 75 Resp: 10766
Ion Ratio Lower Upper
75 100
110 10.7 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 117 Resp: 13876
Ion Ratio Lower Upper
117 100
119 4.7 74.2 111.4#
121 0.0 23.0 34.6#

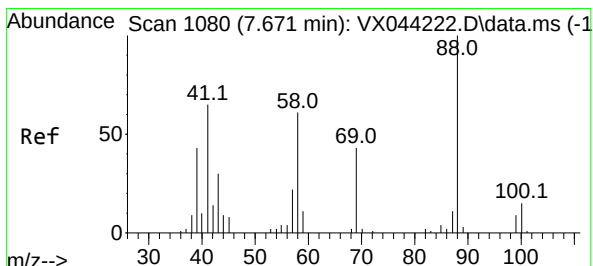
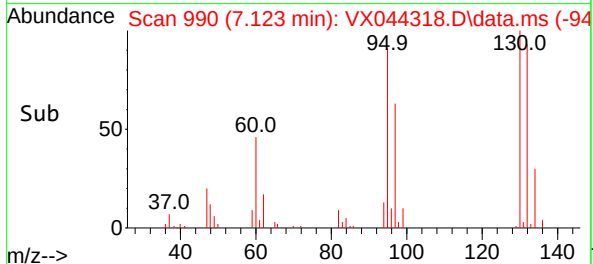
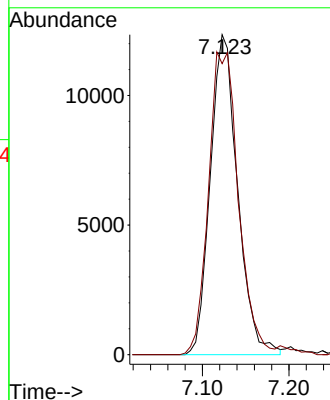
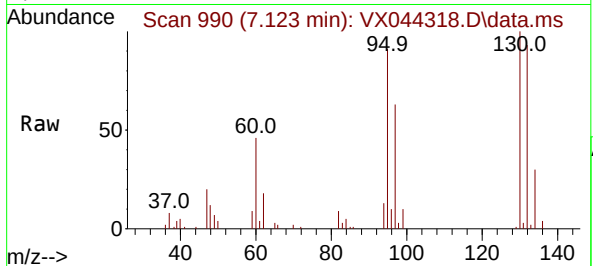




#44
Trichloroethene
Concen: 18.411 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

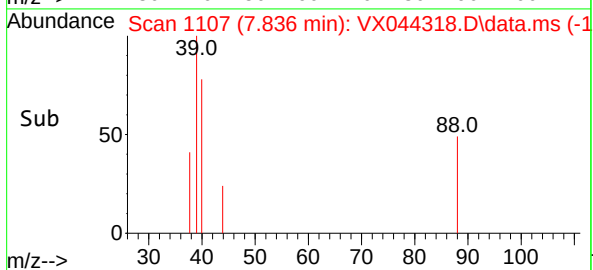
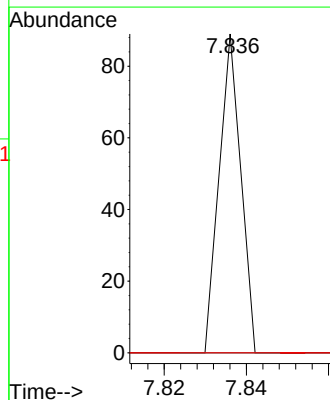
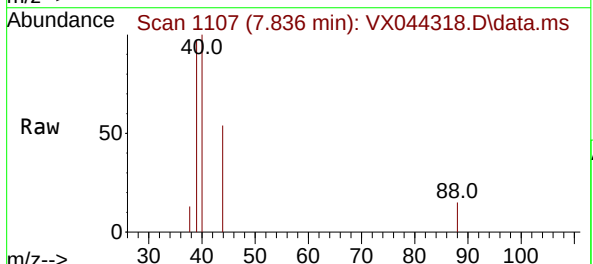
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

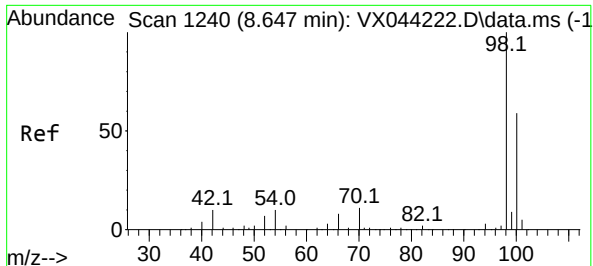
Tgt Ion:130 Resp: 27024
Ion Ratio Lower Upper
130 100
95 91.0 0.0 201.4



#49
1,4-Dioxane
Concen: 1.095 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.165 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 0.0 41.0 61.4#

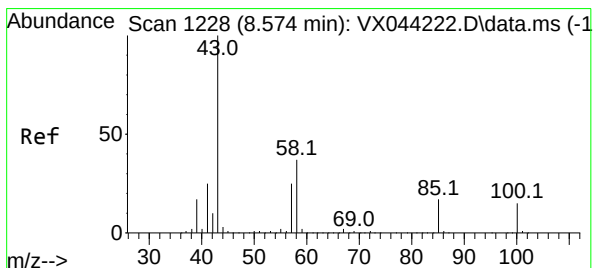
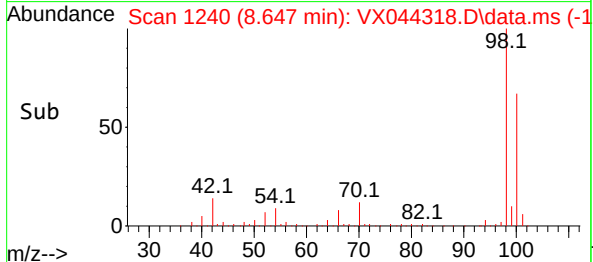
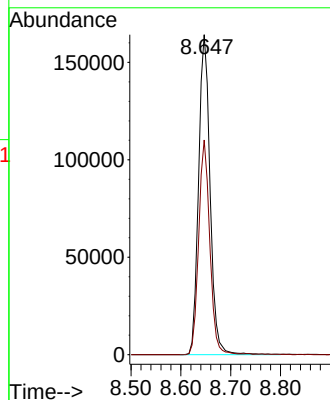
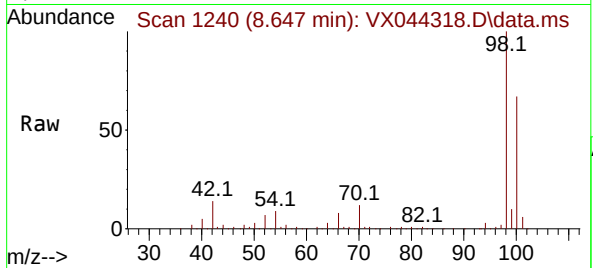




#50
Toluene-d8
Concen: 51.938 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

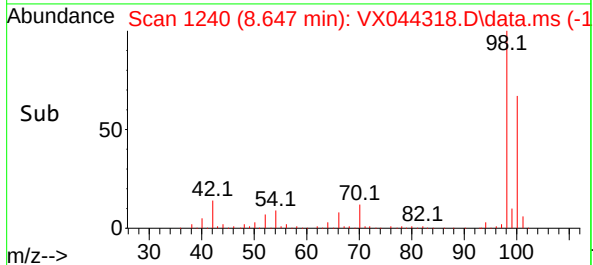
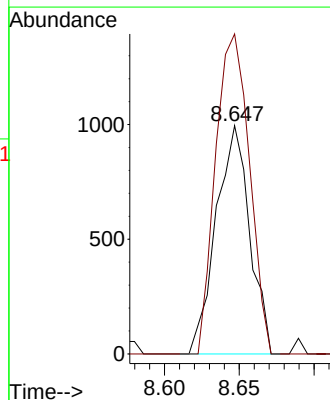
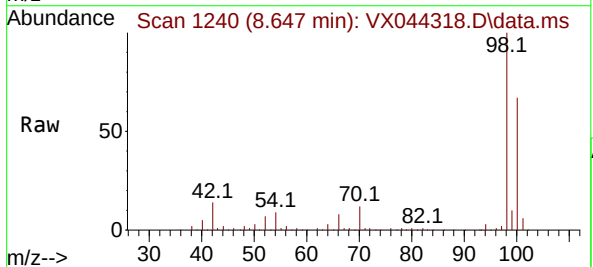
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

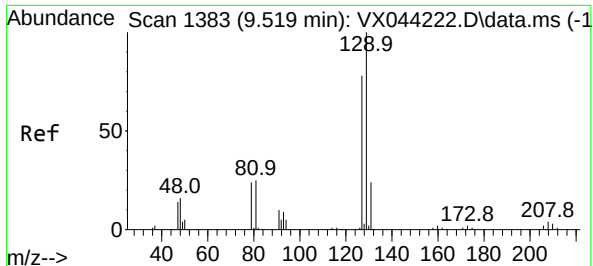
Tgt Ion: 98 Resp: 262789
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 141.3 29.4 44.0#

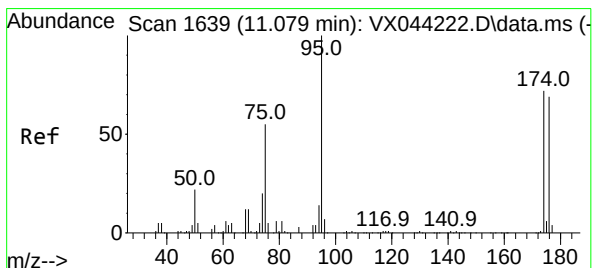
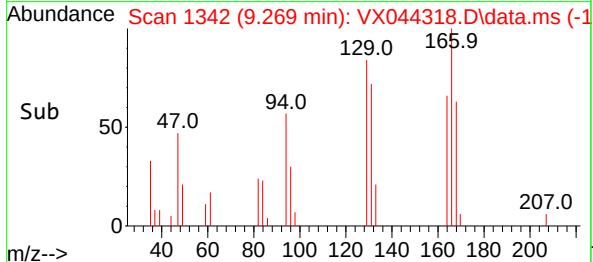
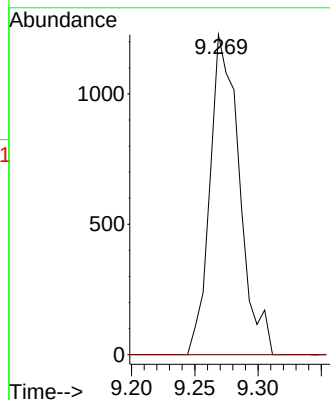
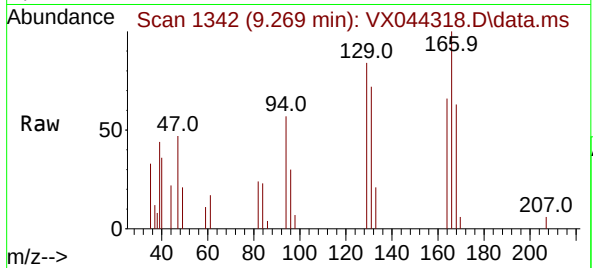




#60
Dibromochloromethane
Concen: 2.533 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

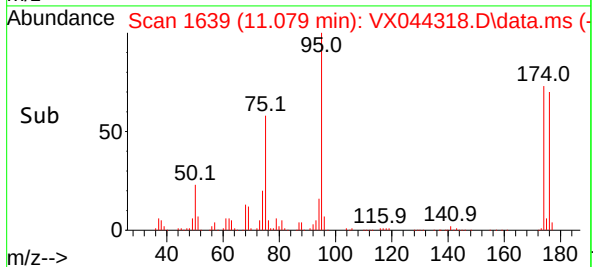
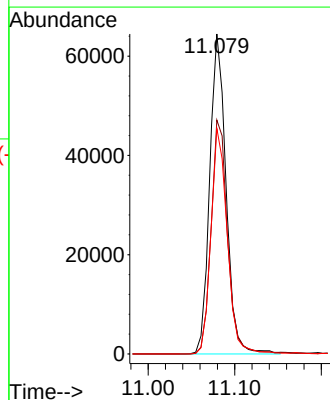
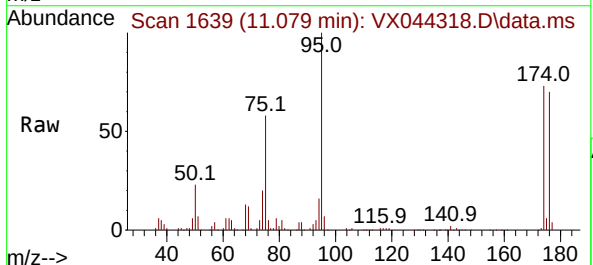
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

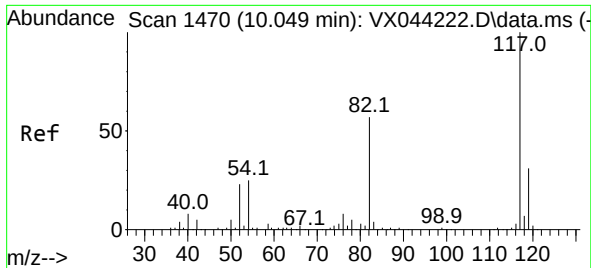
Tgt Ion:129 Resp: 1986
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion: 95 Resp: 84446
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.8
176 70.5 0.0 137.8

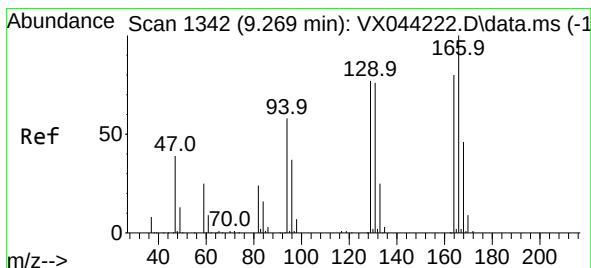
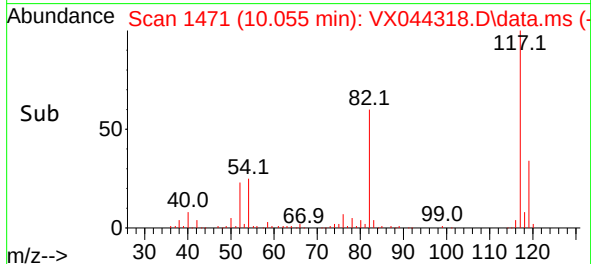
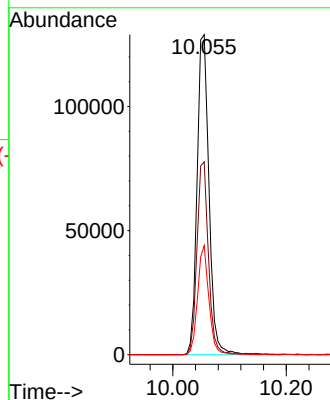
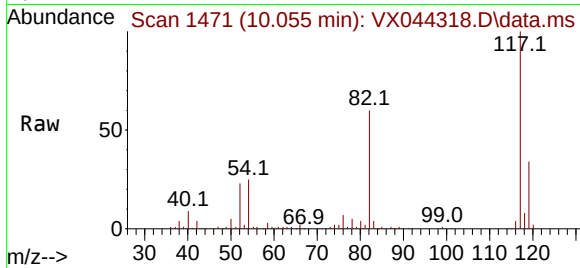




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

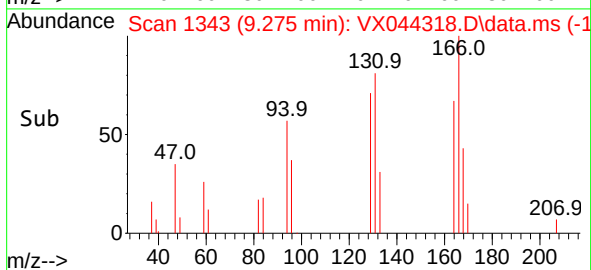
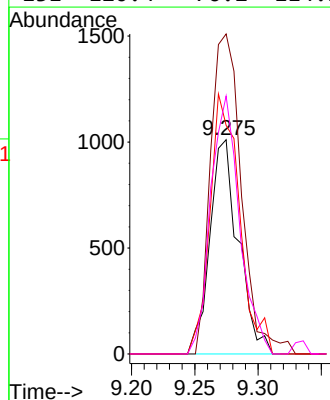
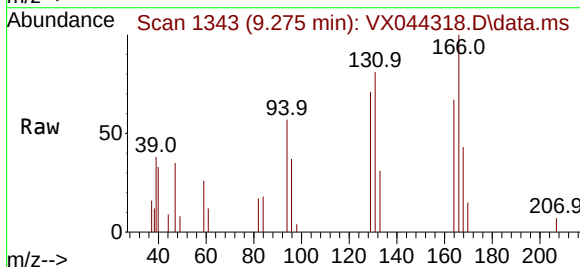
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

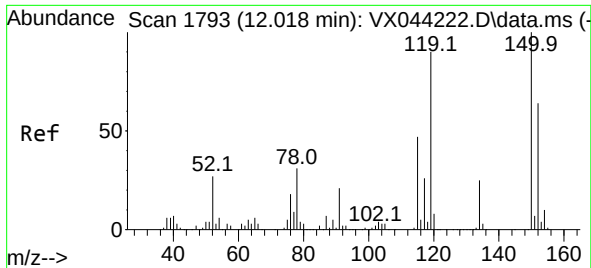
Tgt Ion:117 Resp: 187706
Ion Ratio Lower Upper
117 100
82 60.3 45.8 68.8
119 34.1 25.0 37.4



#64
Tetrachloroethene
Concen: 1.274 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

Tgt Ion:164 Resp: 1587
Ion Ratio Lower Upper
164 100
166 149.4 100.4 150.6
129 106.7 77.2 115.8
131 120.4 76.2 114.2#

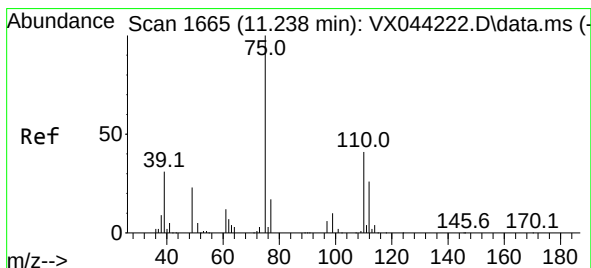
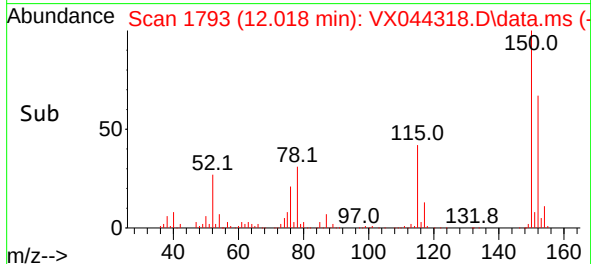
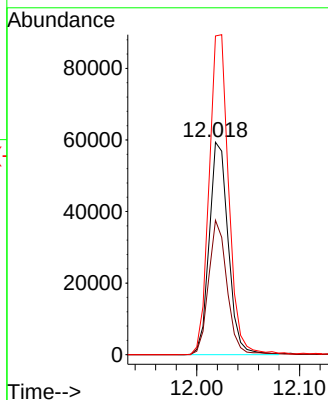
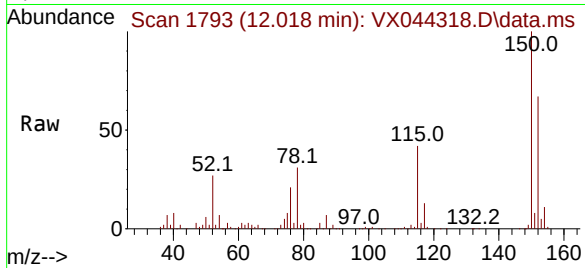




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

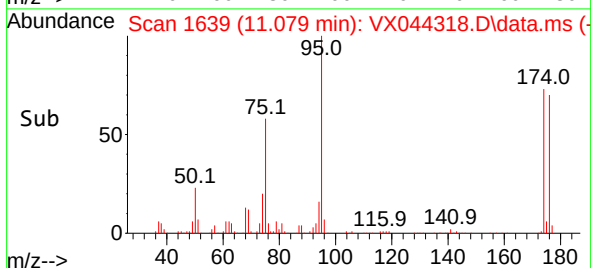
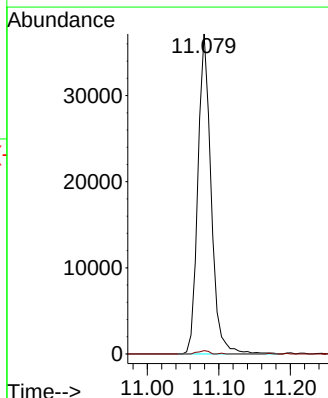
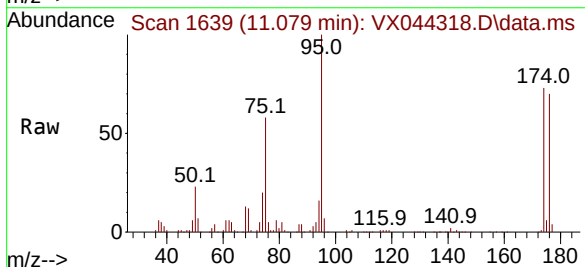
Instrument :
MSVOA_X
ClientSampleId :
GM3-RW3-MW1-20241210

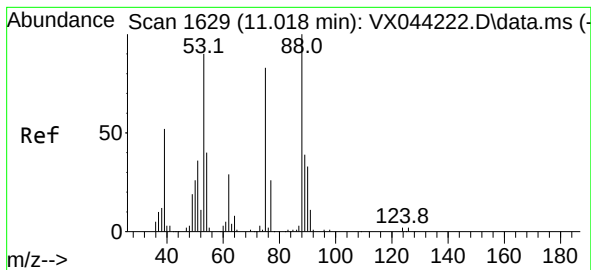
Tgt Ion:152 Resp: 76224
Ion Ratio Lower Upper
152 100
115 61.7 44.5 133.3
150 155.2 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 27.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044318.D
Acq: 16 Dec 2024 13:01

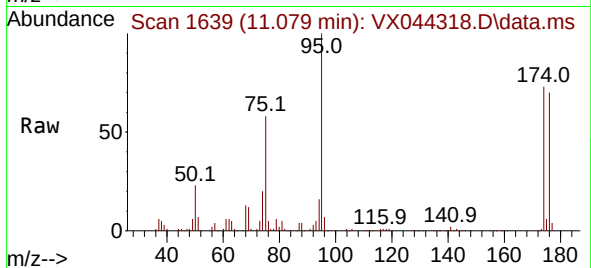
Tgt Ion: 75 Resp: 47616
Ion Ratio Lower Upper
75 100
77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.805 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044318.D
 Acq: 16 Dec 2024 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 GM3-RW3-MW1-20241210



Tgt Ion: 75 Resp: 47616
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.1 37.3 55.9#

