

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035843.D
 Acq On : 24 May 2023 17:58
 Operator : JC/MD
 Sample : 02911-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230522

Quant Time: May 25 05:34:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122624	42.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.020%
35) Dibromofluoromethane	5.385	113	92143	47.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	315476	43.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.680%#
62) 4-Bromofluorobenzene	11.079	95	124949	43.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.260%

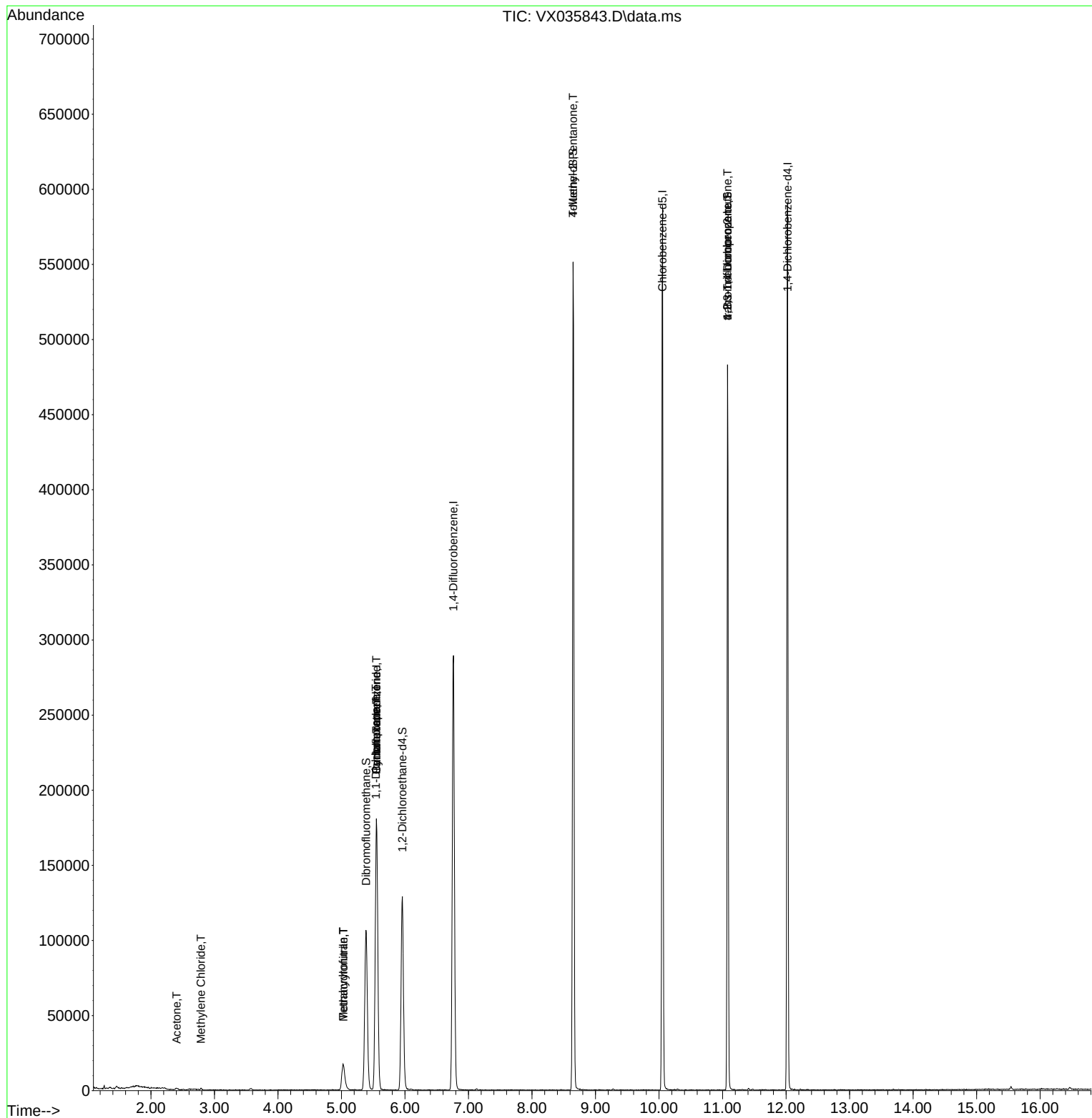
Target Compounds					Qvalue	
16) Acetone	2.404	43	1851	1.493	ug/l #	74
20) Methylene Chloride	2.788	84	461	0.205	ug/l #	66
29) Tetrahydrofuran	5.025	42	18052	16.735	ug/l	99
31) Cyclohexane	5.550	56	4009	1.100	ug/l #	10
36) 1,1-Dichloropropene	5.543	75	13696	4.455	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16926	5.812	ug/l #	15
41) Methacrylonitrile	5.031	41	11434	6.005	ug/l #	46
51) 4-Methyl-2-Pentanone	8.647	43	1576	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65409	22.884	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	65409	73.751	ug/l #	8

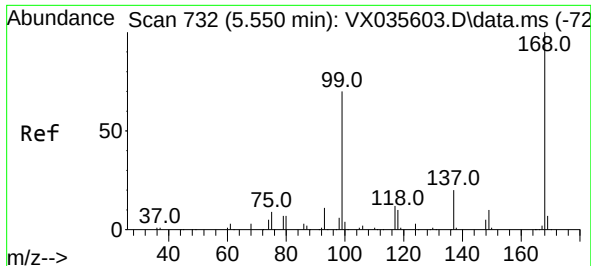
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
RW9-MW01D2-20230522

Quant Time: May 25 05:34:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

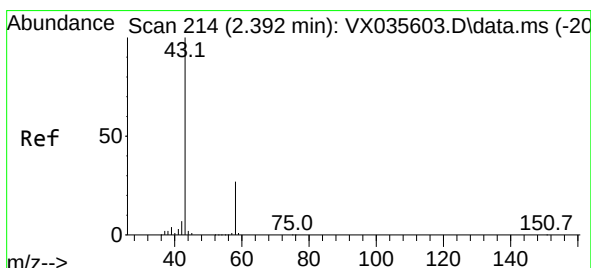
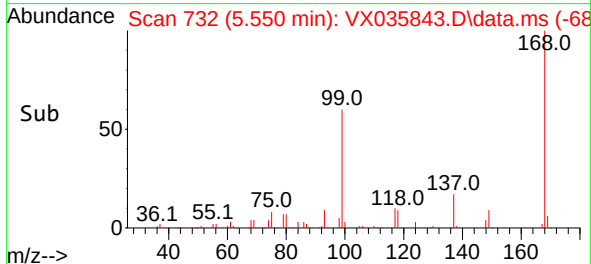
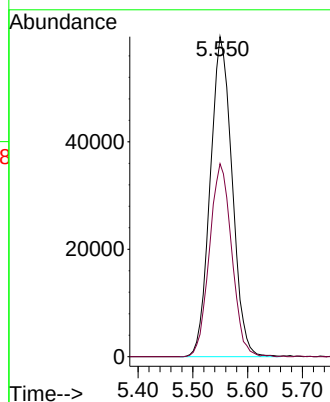
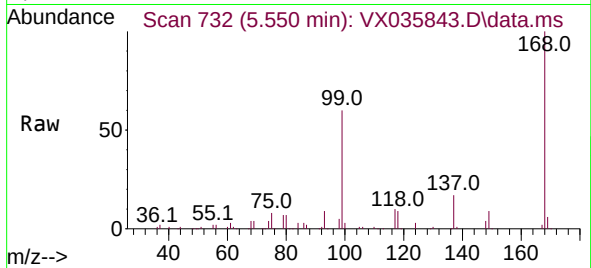




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

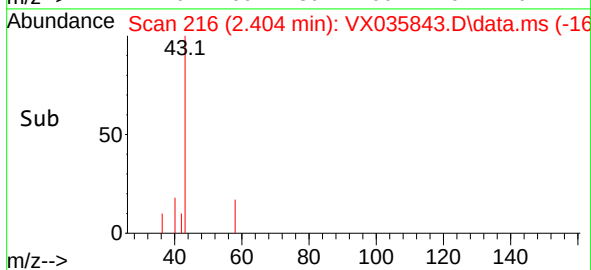
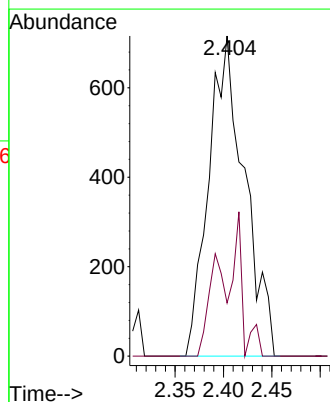
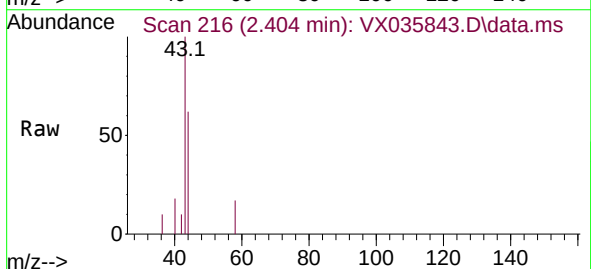
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230522

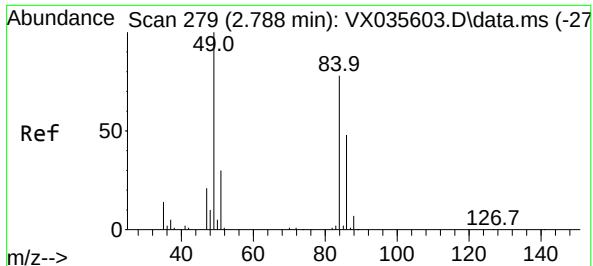
Tgt Ion:168 Resp: 165342
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#16
Acetone
Concen: 1.493 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
58 16.6 24.7 37.1#

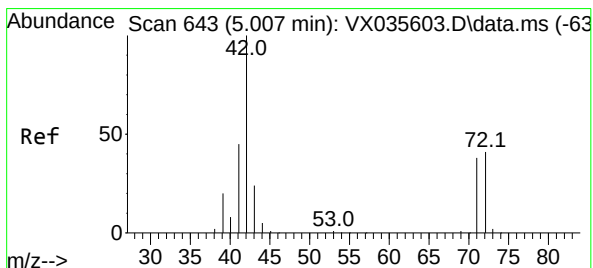
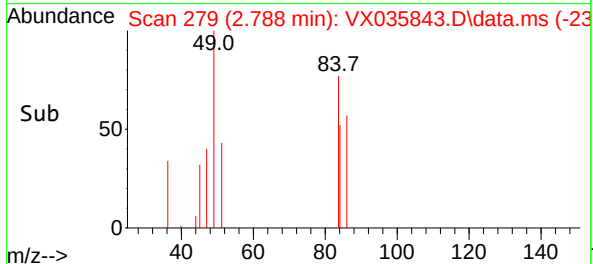
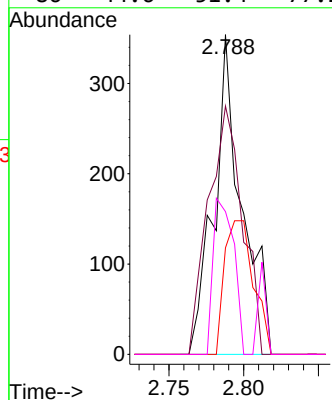
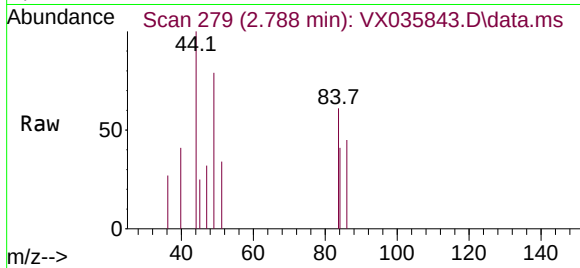




#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

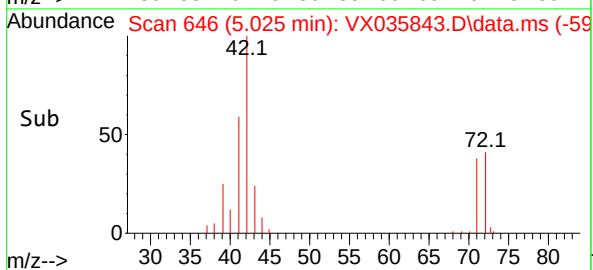
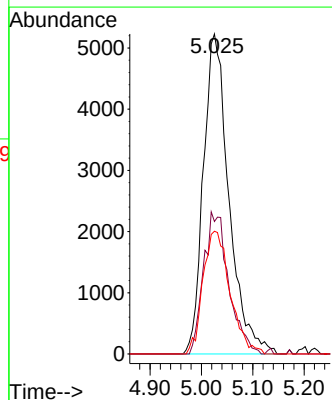
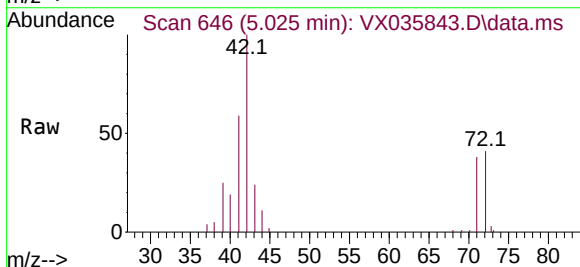
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230522

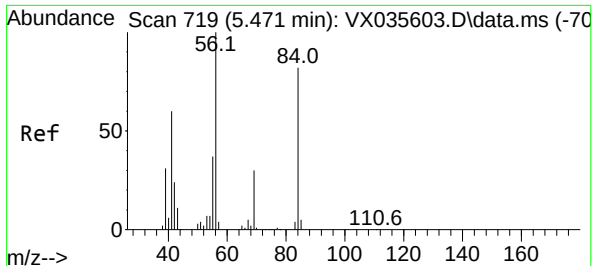
Tgt Ion:	84	Resp:	461
Ion	Ratio	Lower	Upper
84	100		
49	77.7	103.8	155.8#
51	33.3	31.8	47.8
86	44.6	51.4	77.2#



#29
Tetrahydrofuran
Concen: 16.735 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion:	42	Resp:	18052
Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	40.7	32.1	48.1

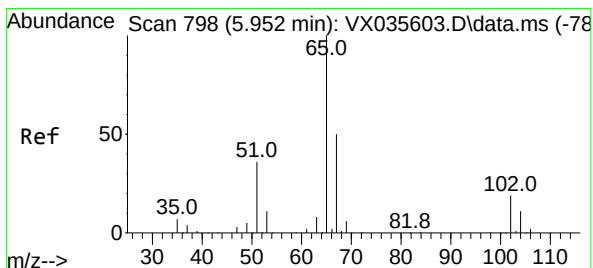
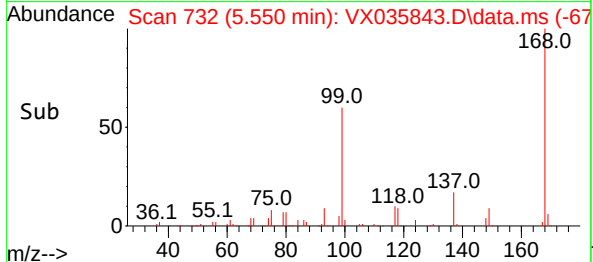
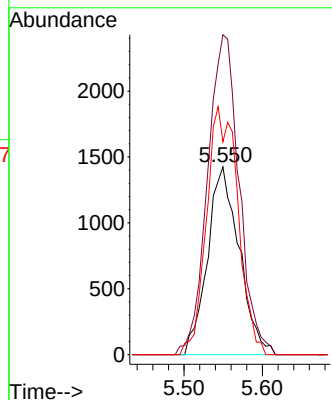
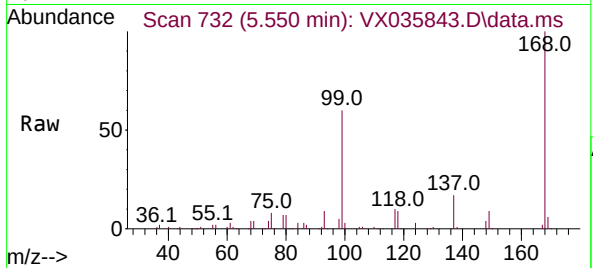




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

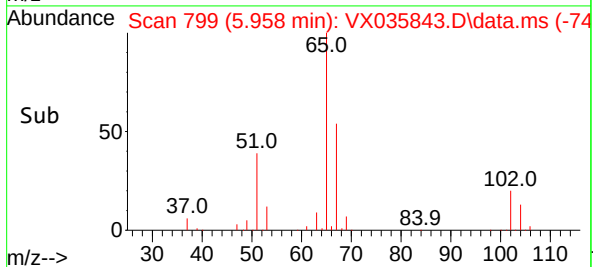
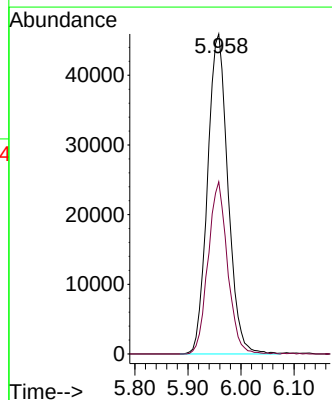
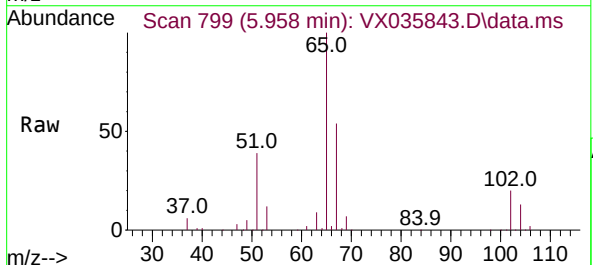
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230522

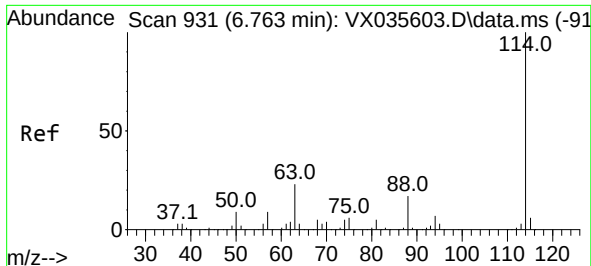
Tgt Ion: 56 Resp: 4009
Ion Ratio Lower Upper
56 100
69 170.5 23.7 35.5#
84 113.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.512 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion: 65 Resp: 122624
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

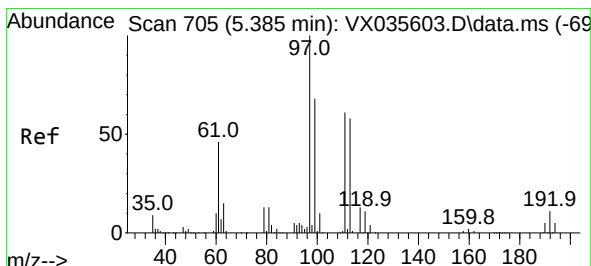
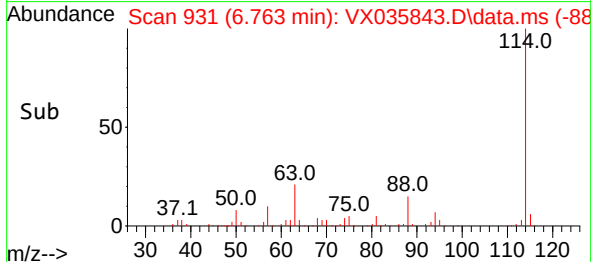
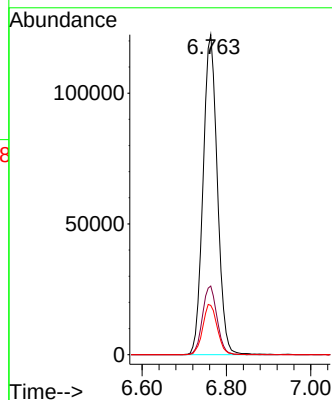
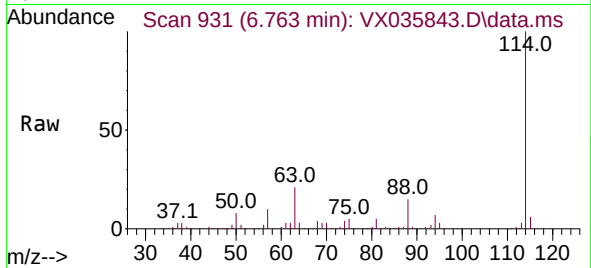




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

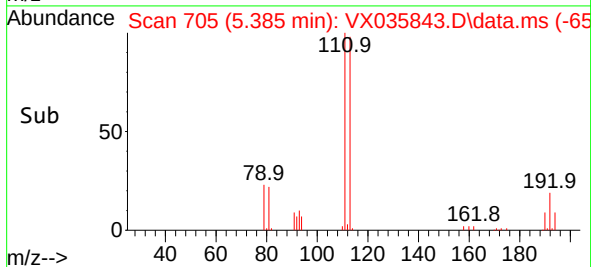
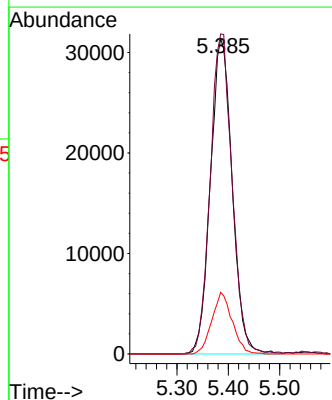
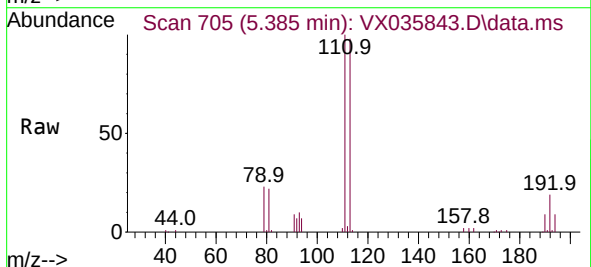
Instrument :
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ClientSampleId :
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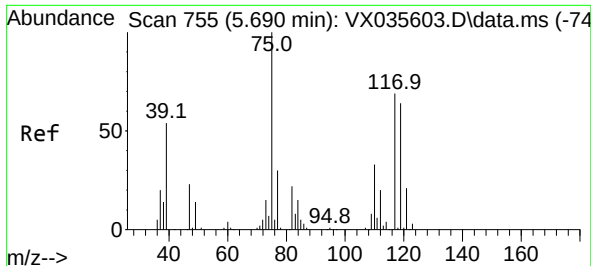
Tgt Ion:114 Resp: 288807
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion:113 Resp: 92143
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.3 15.4 23.2

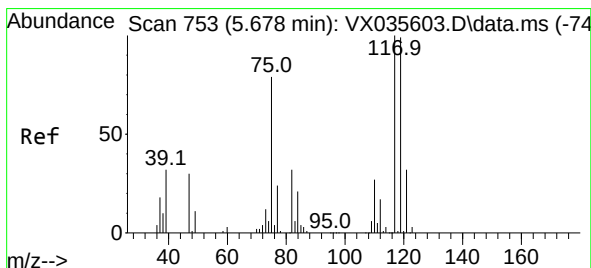
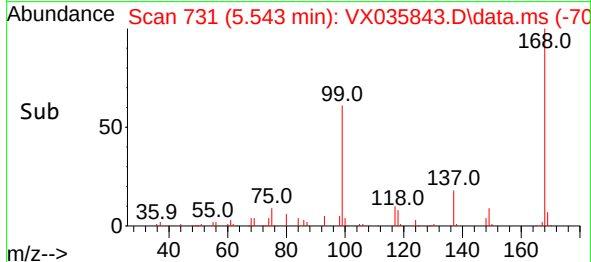
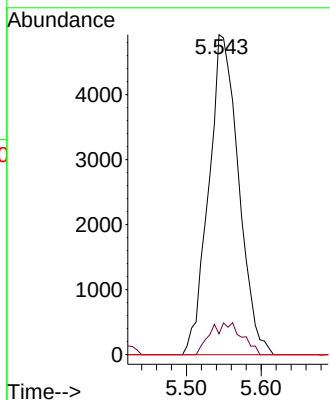
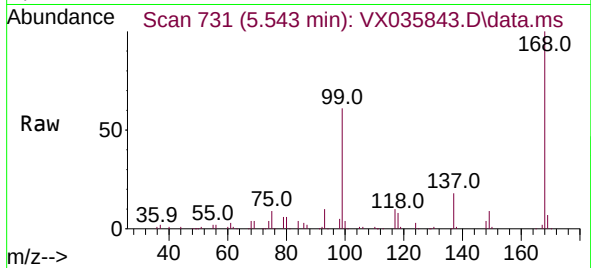




#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

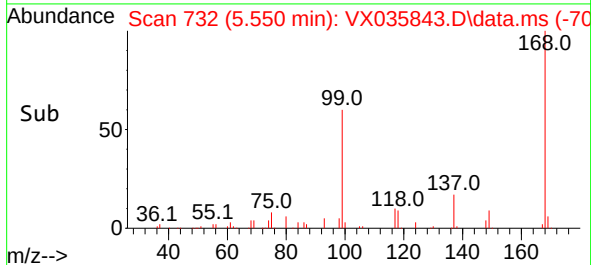
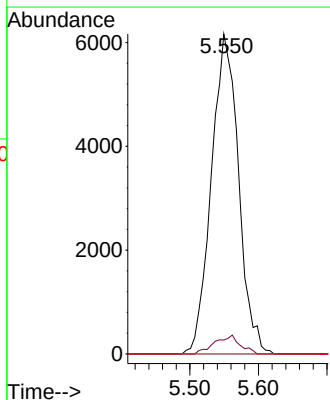
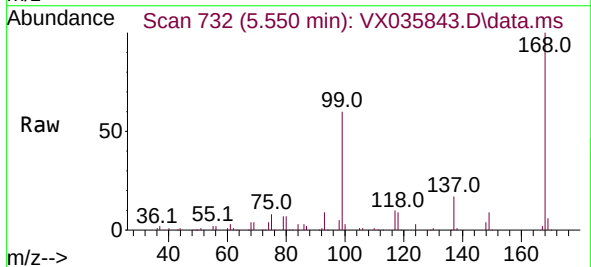
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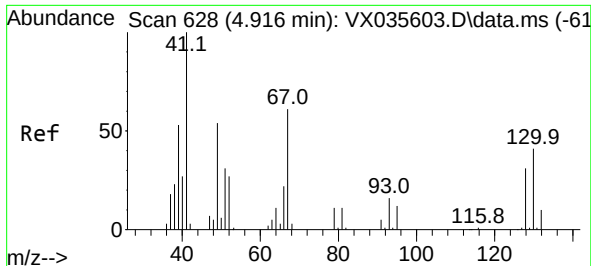
Tgt Ion: 75 Resp: 13696
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion: 117 Resp: 16926
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

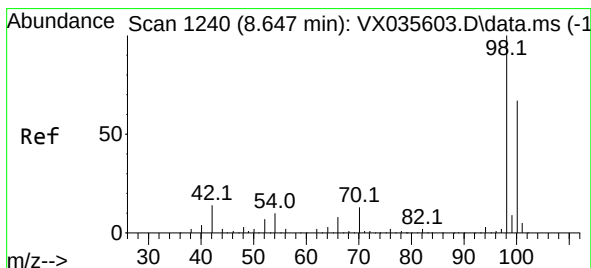
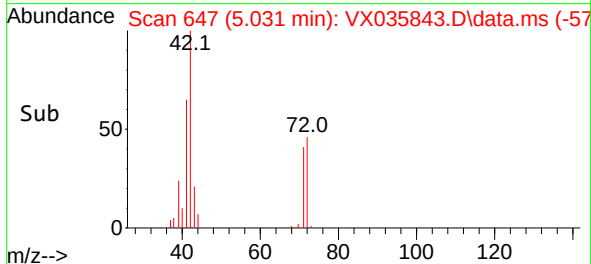
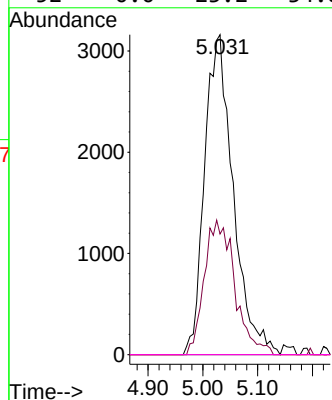
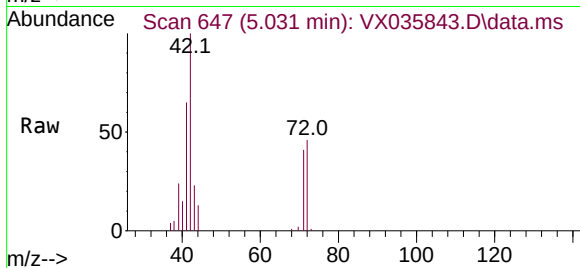




#41
Methacrylonitrile
Concen: 6.005 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.115 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

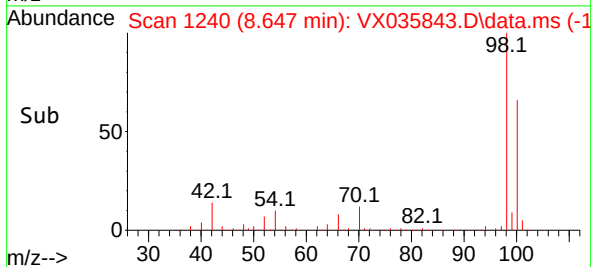
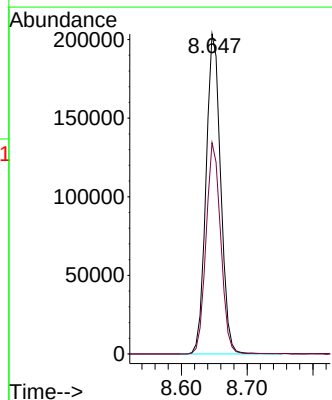
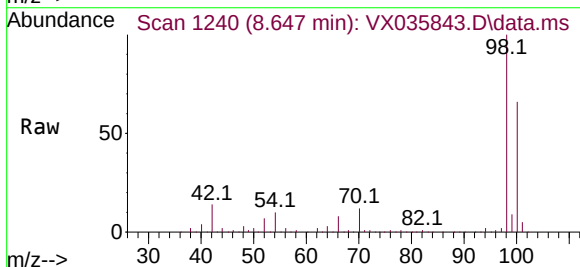
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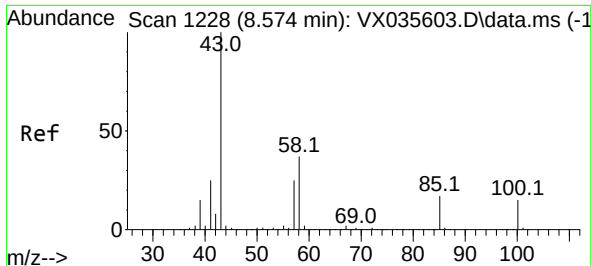
Tgt Ion:	41	Resp:	11434
Ion	Ratio	Lower	Upper
41	100		
39	45.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#50
Toluene-d8
Concen: 43.845 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion:	98	Resp:	315476
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7

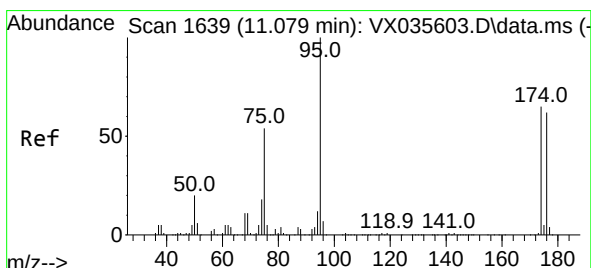
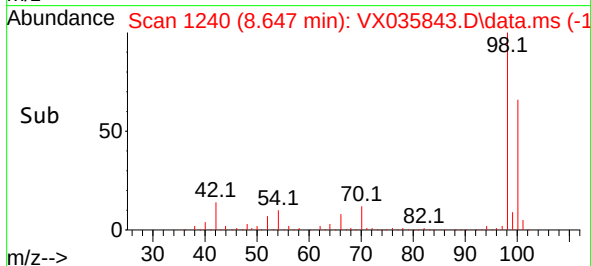
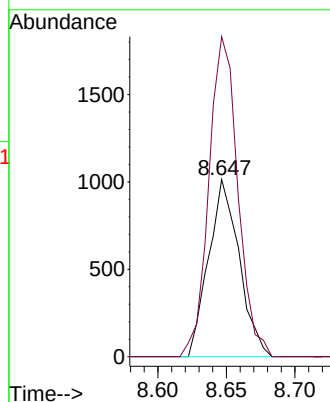
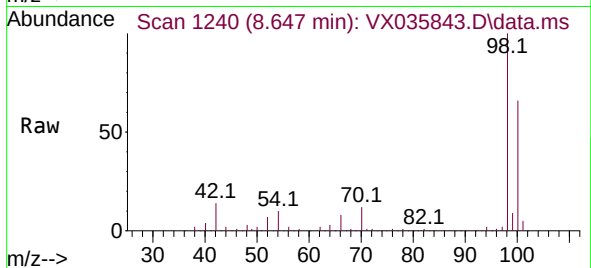




#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

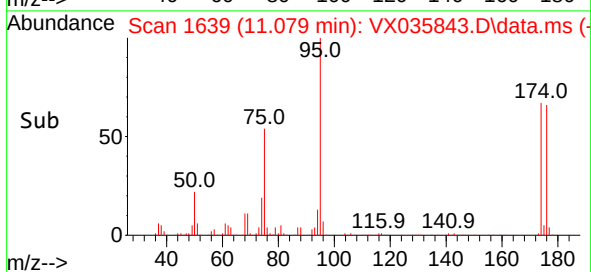
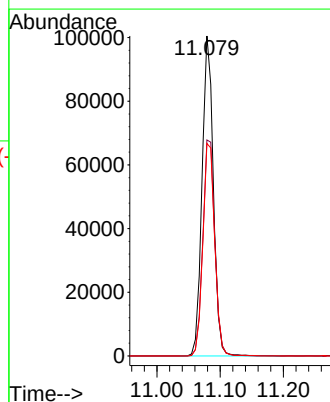
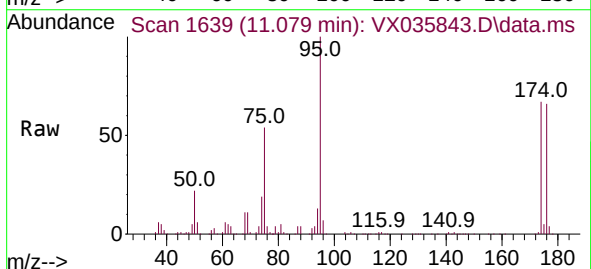
Instrument :
MSVOA_X
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RW9-MW01D2-20230522

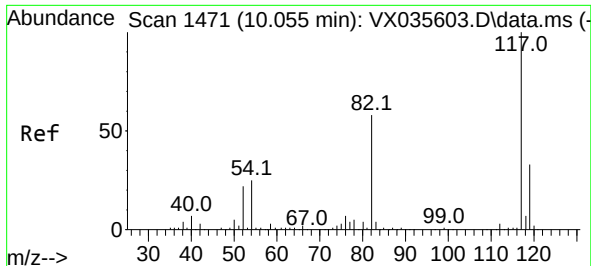
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 170.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 43.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion: 95 Resp: 124949
Ion Ratio Lower Upper
95 100
174 71.4 0.0 147.4
176 69.9 0.0 140.6

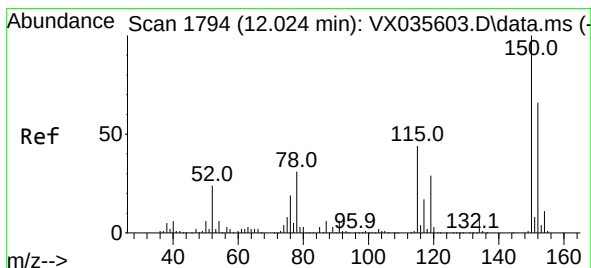
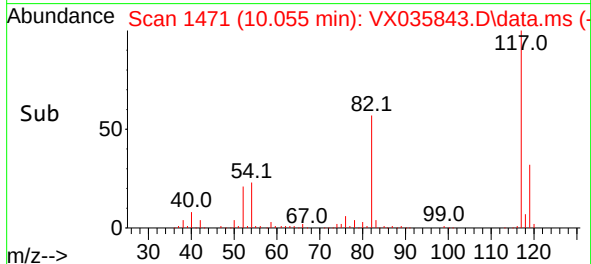
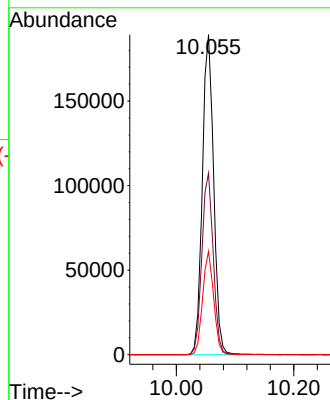
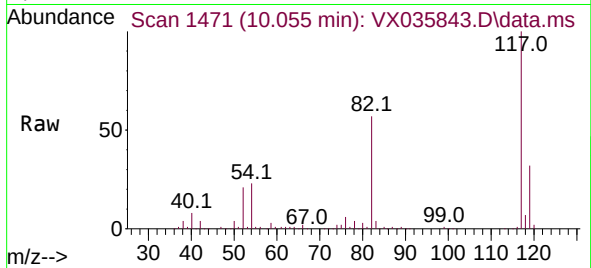




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

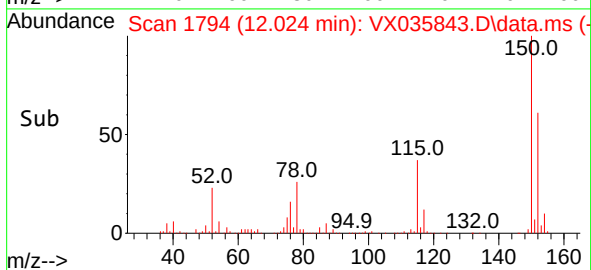
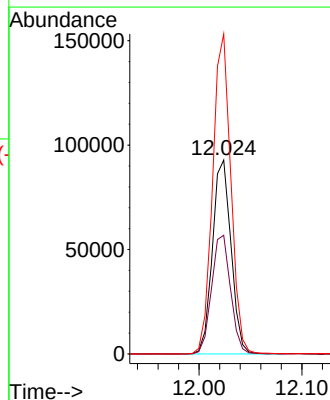
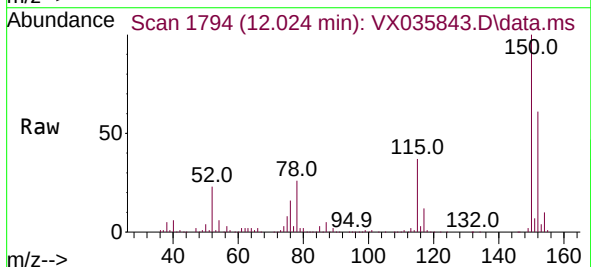
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230522

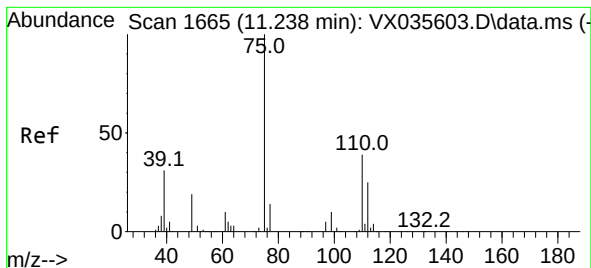
Tgt Ion:117 Resp: 252988
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035843.D
Acq: 24 May 2023 17:58

Tgt Ion:152 Resp: 116856
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 161.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 22.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035843.D

Acq: 24 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

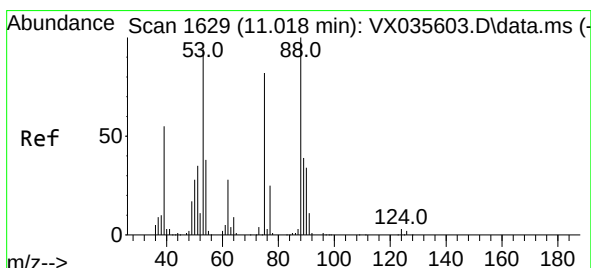
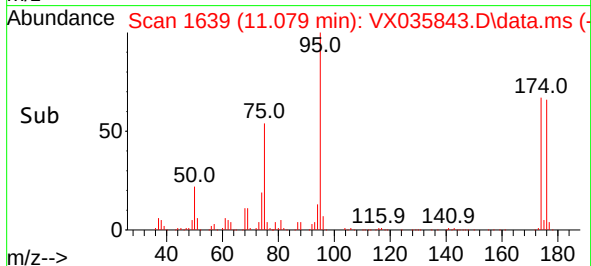
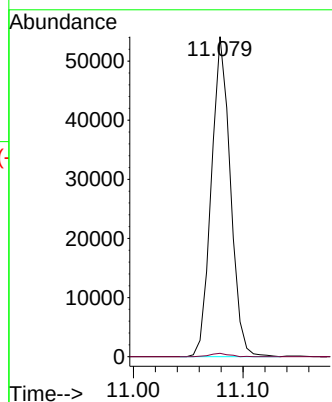
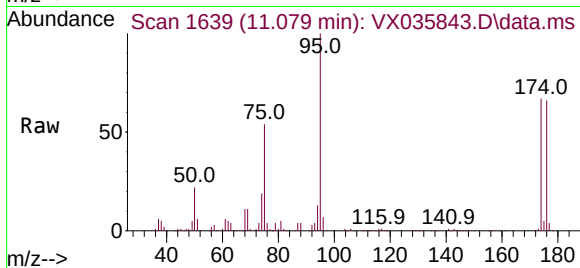
RW9-MW01D2-20230522

Tgt Ion: 75 Resp: 65409

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.751 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035843.D

Acq: 24 May 2023 17:58

Tgt Ion: 75 Resp: 65409

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

