

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035844.D
 Acq On : 24 May 2023 18:21
 Operator : JC/MD
 Sample : 02911-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20230522

Quant Time: May 25 05:34:35 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)

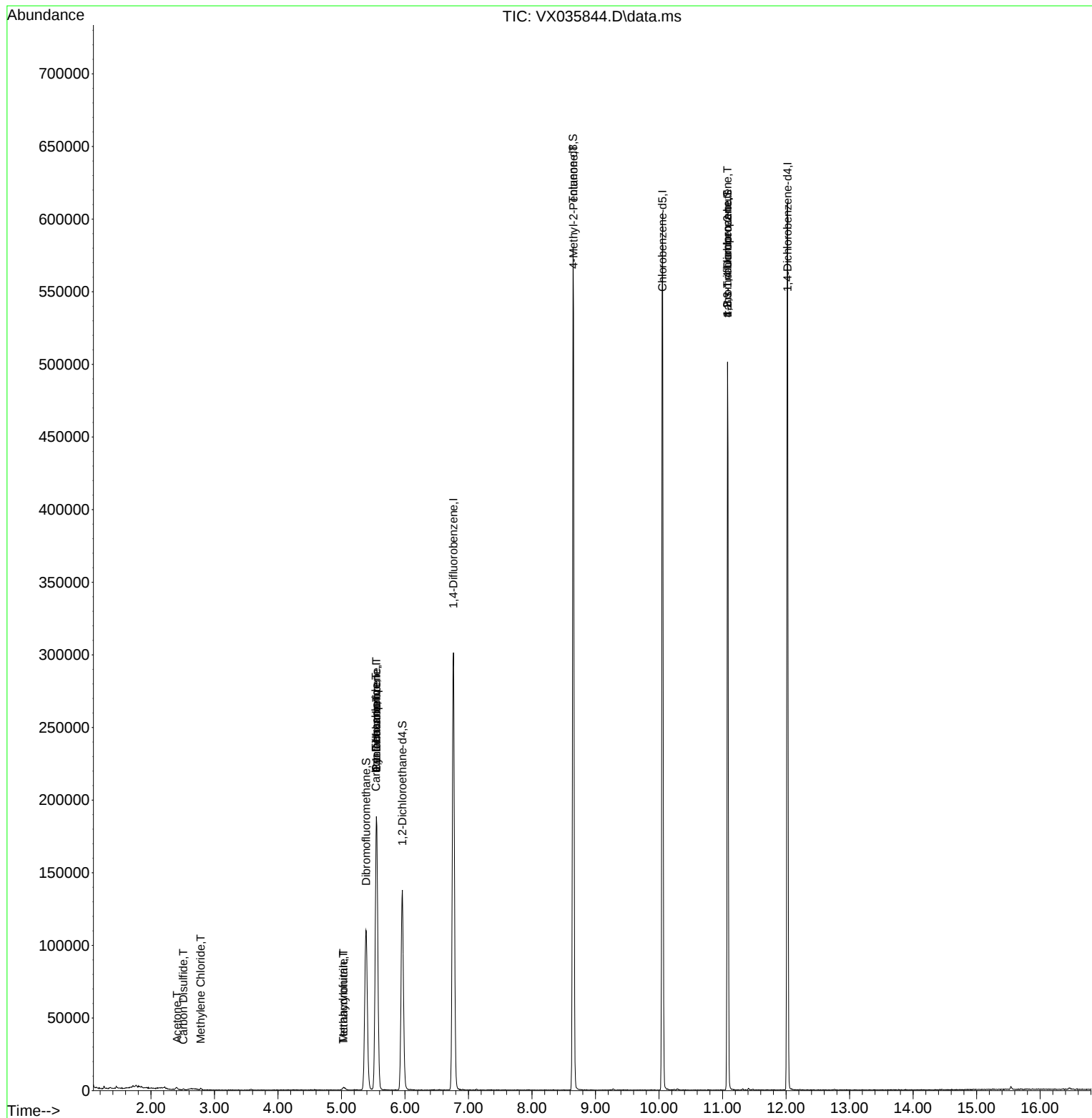
Internal Standards						
1) Pentafluorobenzene	5.550	168	173258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127806	42.284	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.560%
35) Dibromofluoromethane	5.385	113	96828	47.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.646	98	332344	44.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.780%#
62) 4-Bromofluorobenzene	11.079	95	128857	42.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.480%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	2609	2.008	ug/l #	89
17) Carbon Disulfide	2.507	76	992	0.213	ug/l #	75
20) Methylene Chloride	2.782	84	499	0.212	ug/l #	69
29) Tetrahydrofuran	5.025	42	616	0.545	ug/l #	21
31) Cyclohexane	5.550	56	4347	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14643	4.577	ug/l #	50
38) Carbon Tetrachloride	5.543	117	18053	5.957	ug/l #	15
41) Methacrylonitrile	5.031	41	1154	0.582	ug/l #	45
51) 4-Methyl-2-Pentanone	8.653	43	1725	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68235	22.581	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	68235	72.777	ug/l #	8

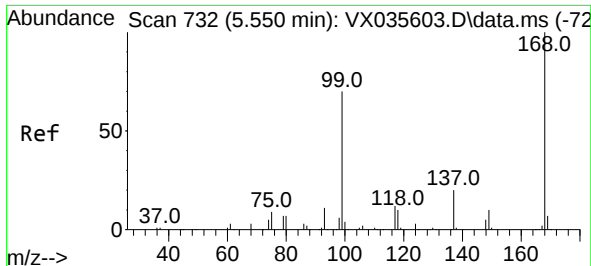
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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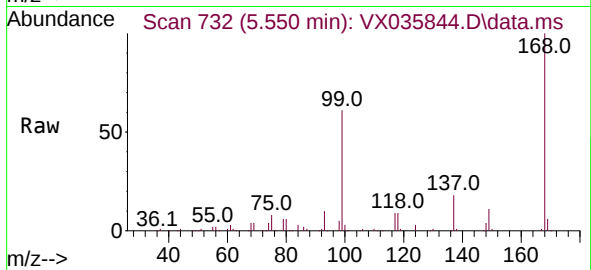
Quant Time: May 25 05:34:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



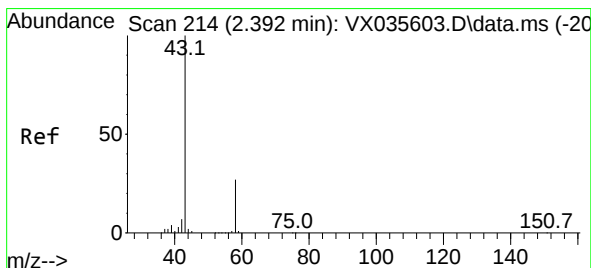
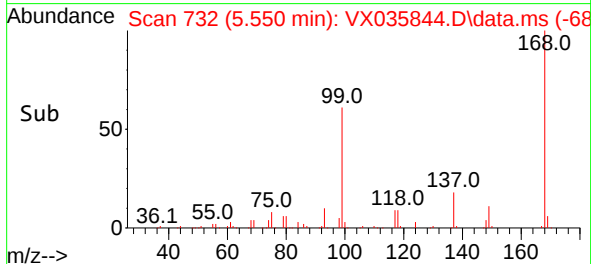
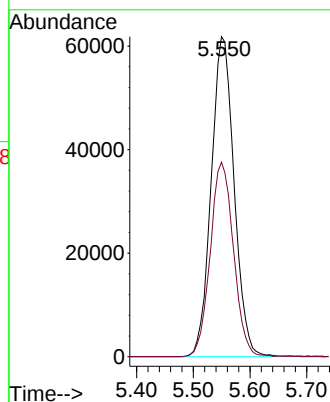


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230522

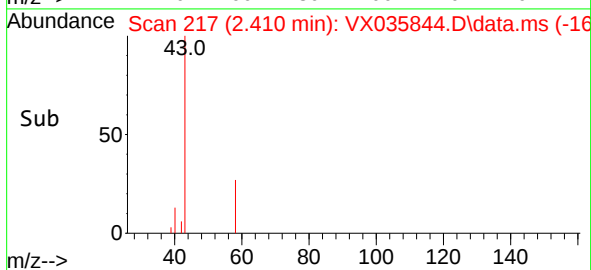
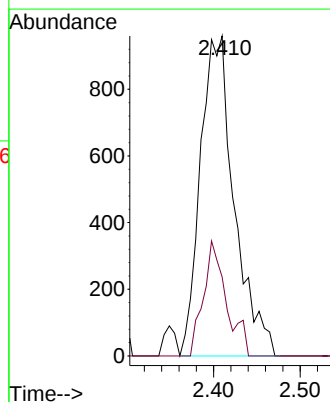
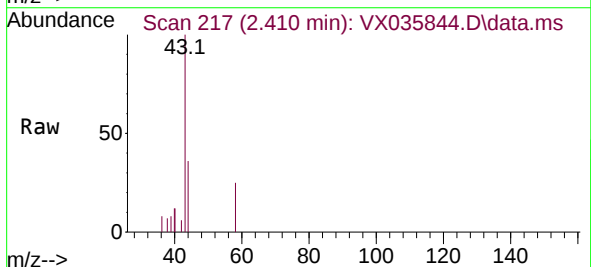


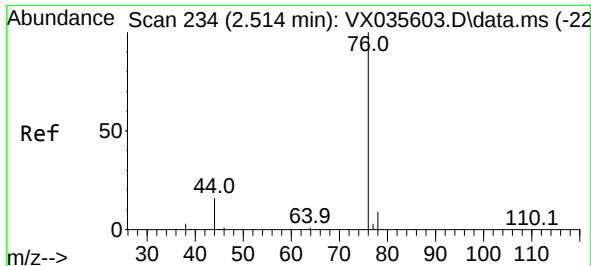
Tgt Ion:168 Resp: 173258
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#16
Acetone
Concen: 2.008 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 24.7 24.7 37.1#

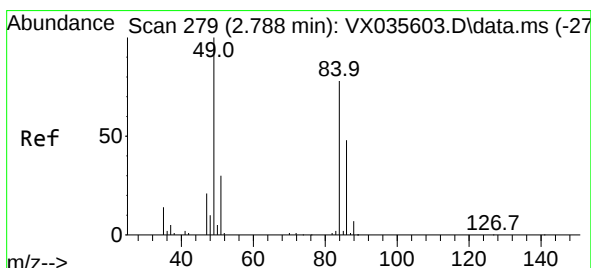
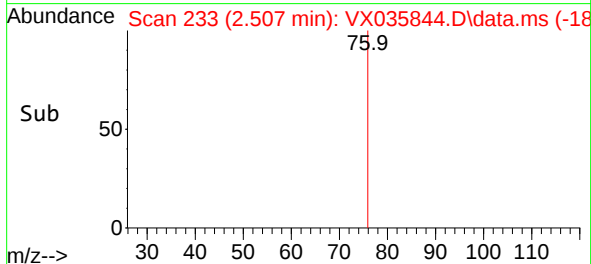
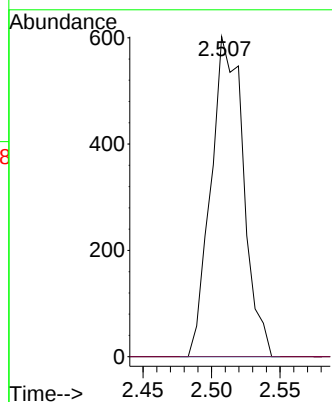
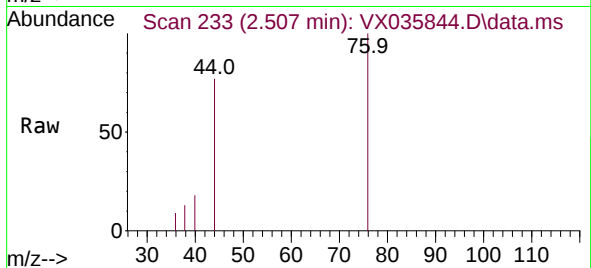




#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

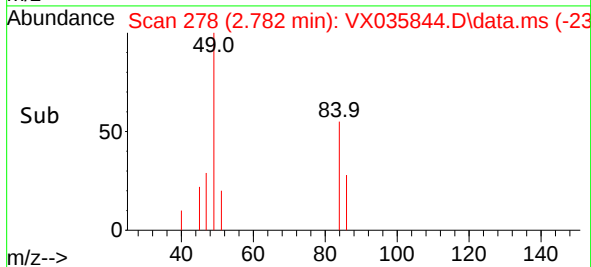
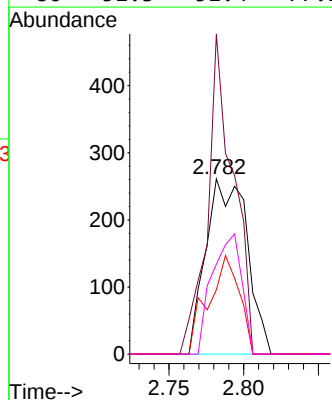
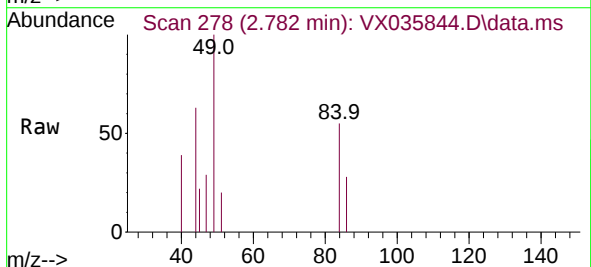
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230522

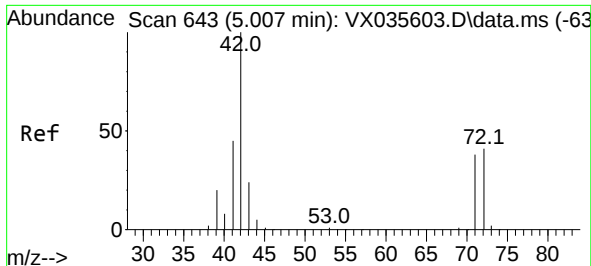
Tgt Ion: 76 Resp: 992
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 182.8 103.8 155.8#
51 36.8 31.8 47.8
86 51.3 51.4 77.2#





#29

Tetrahydrofuran

Concen: 0.545 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX035844.D

Acq: 24 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20230522

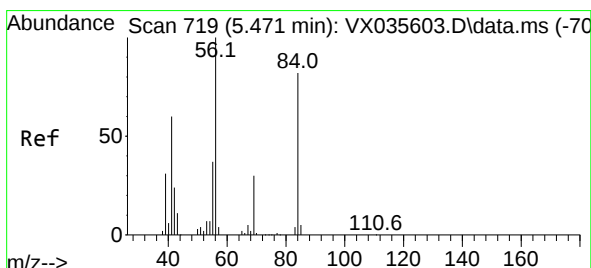
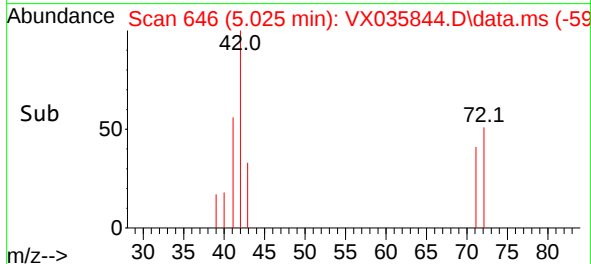
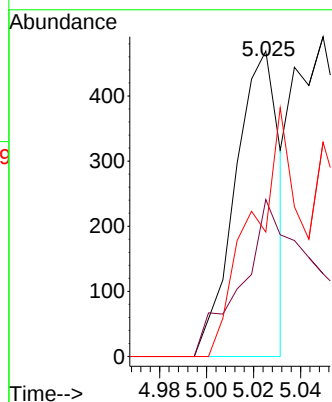
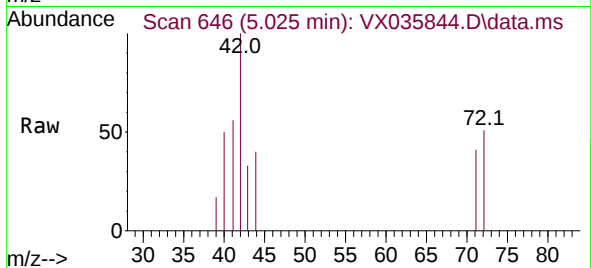
Tgt Ion: 42 Resp: 616

Ion Ratio Lower Upper

42 100

72 97.1 34.5 51.7#

71 85.7 32.1 48.1#



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035844.D

Acq: 24 May 2023 18:21

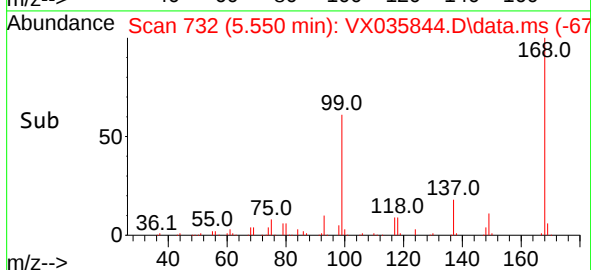
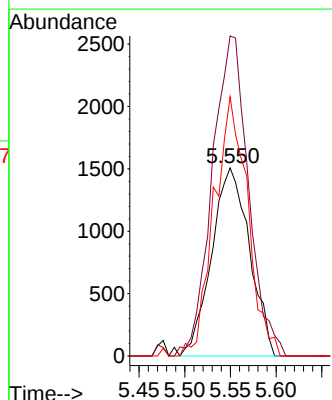
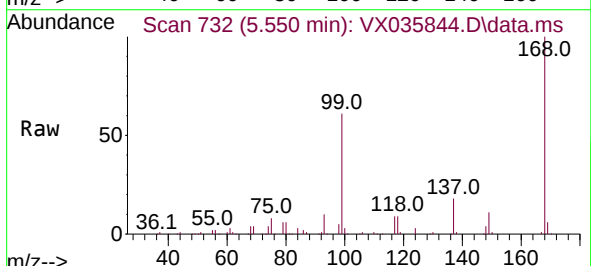
Tgt Ion: 56 Resp: 4347

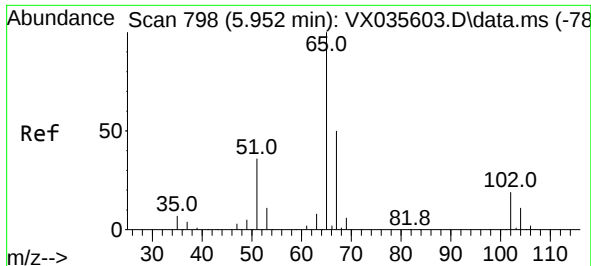
Ion Ratio Lower Upper

56 100

69 165.5 23.7 35.5#

84 137.9 68.5 102.7#

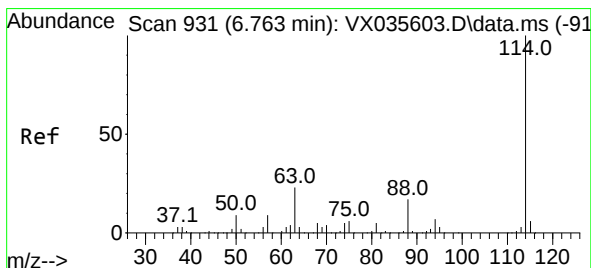
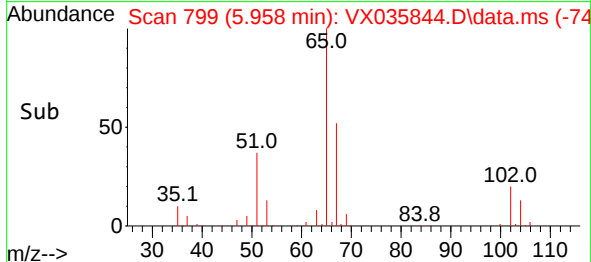
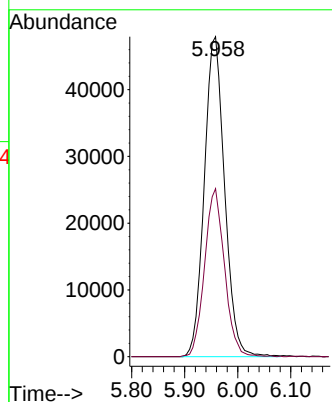
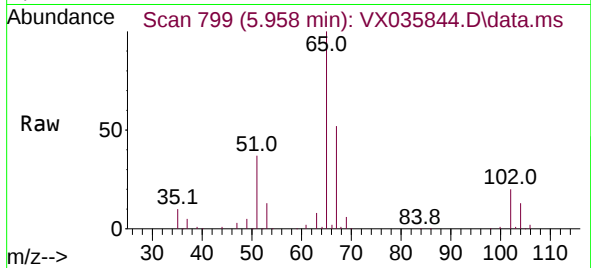




#33
 1,2-Dichloroethane-d4
 Concen: 42.284 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX035844.D
 Acq: 24 May 2023 18:21

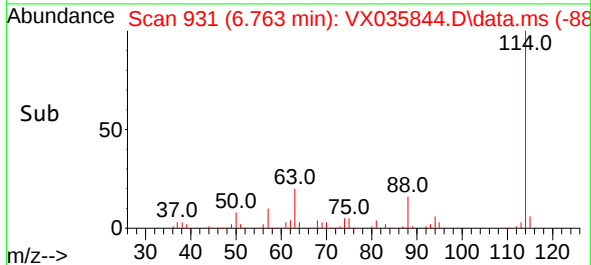
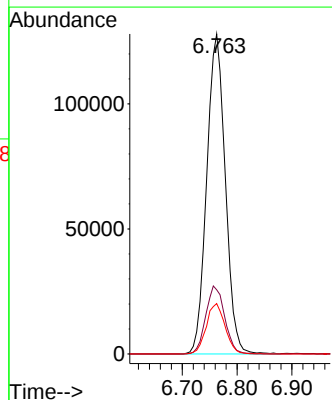
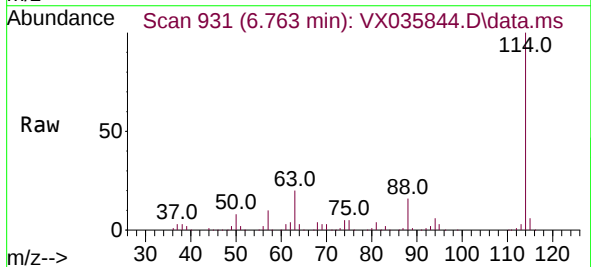
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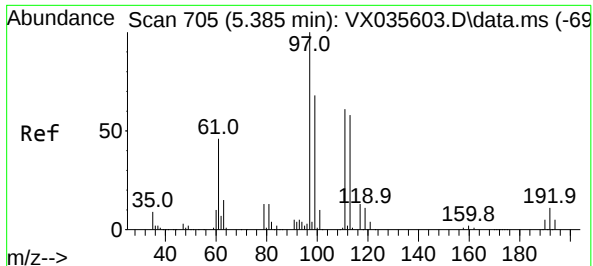
Tgt Ion: 65 Resp: 127806
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035844.D
 Acq: 24 May 2023 18:21

Tgt Ion: 114 Resp: 300544
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.2
 88 15.8 0.0 33.2

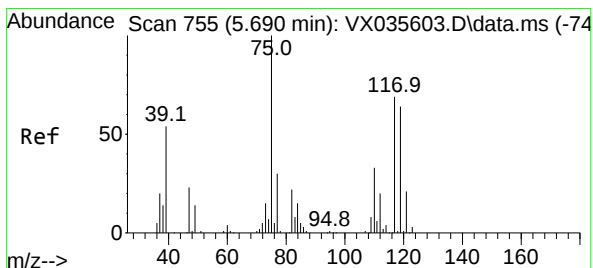
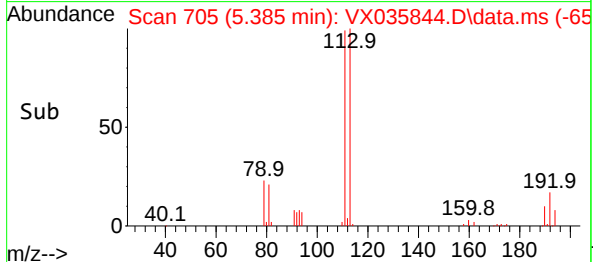
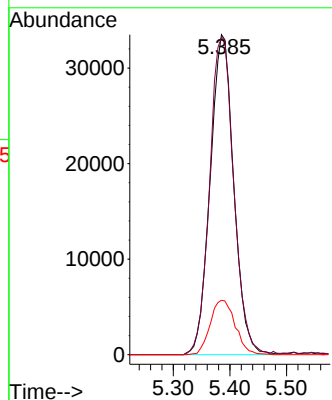
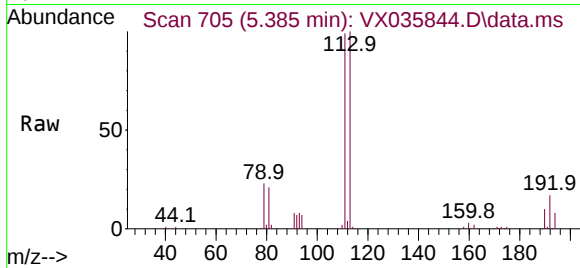




#35
Dibromofluoromethane
Concen: 47.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

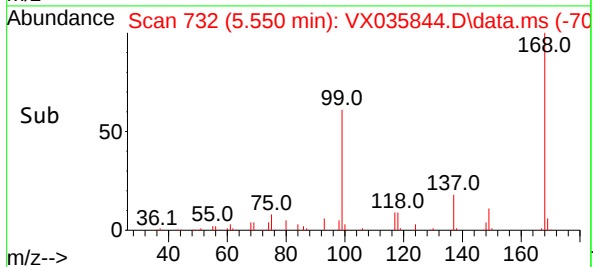
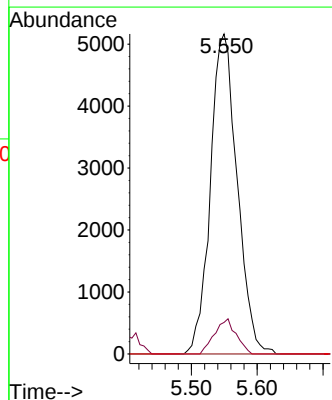
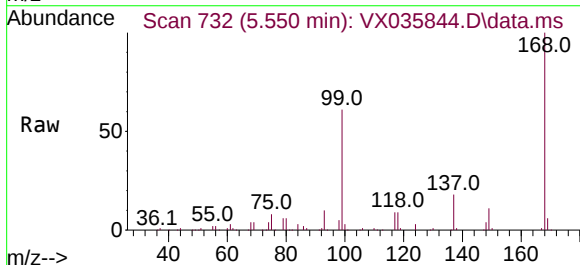
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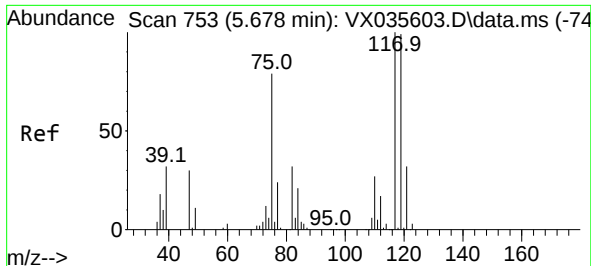
Tgt Ion:113 Resp: 96828
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 18.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

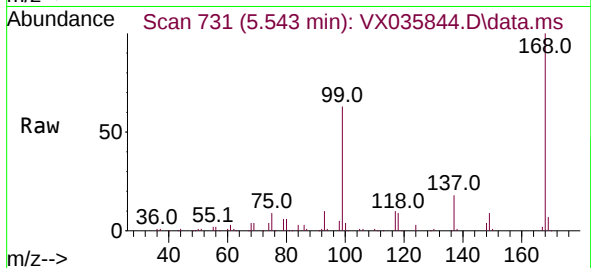
Tgt Ion: 75 Resp: 14643
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



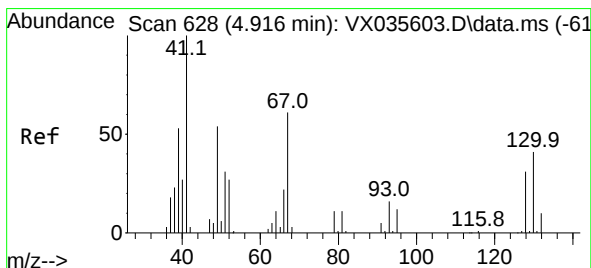
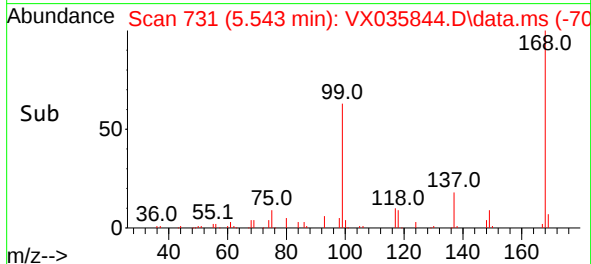
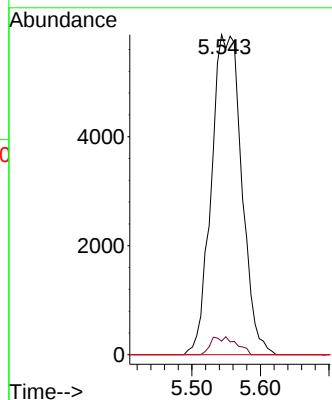


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230522

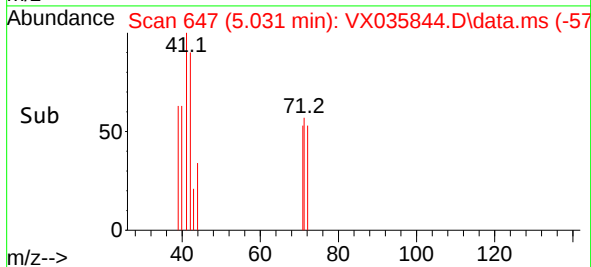
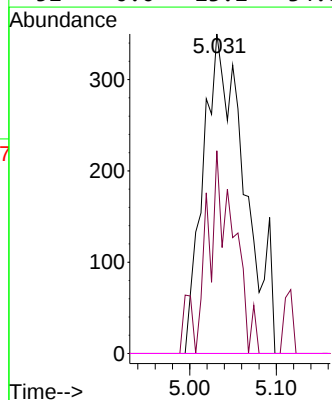
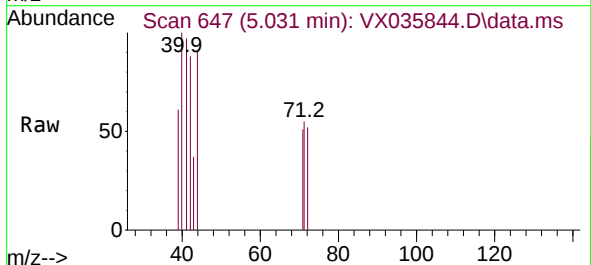


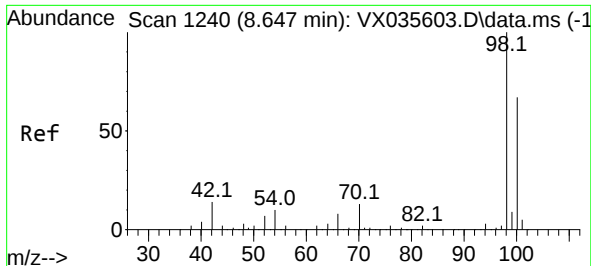
Tgt Ion:117 Resp: 18053
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 0.582 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.115 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 41 Resp: 1154
Ion Ratio Lower Upper
41 100
39 43.2 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

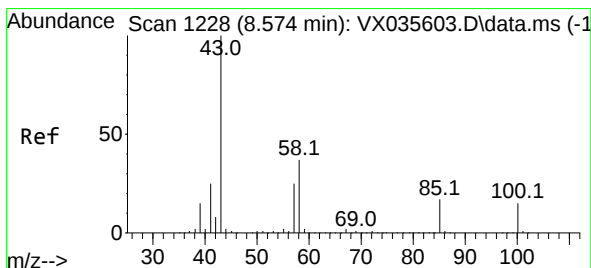
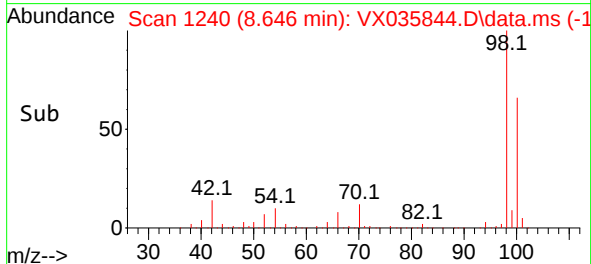
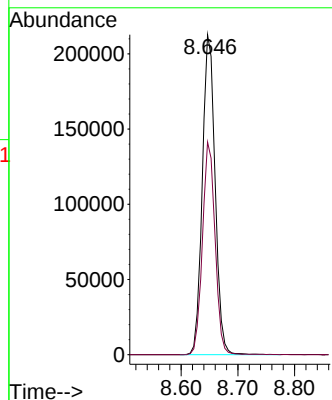
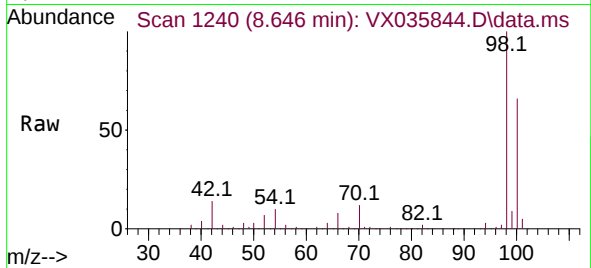




#50
Toluene-d8
Concen: 44.385 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

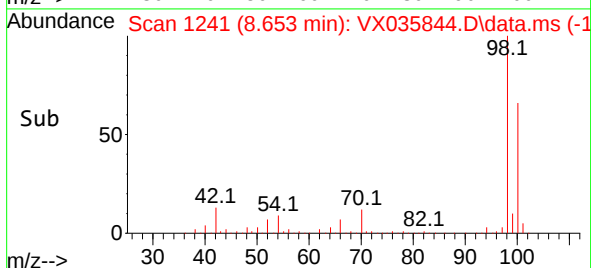
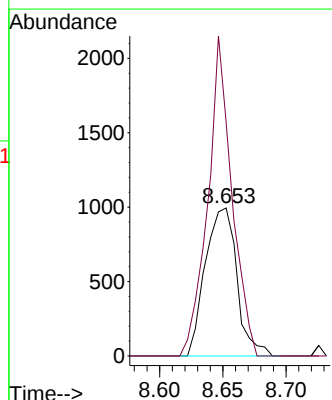
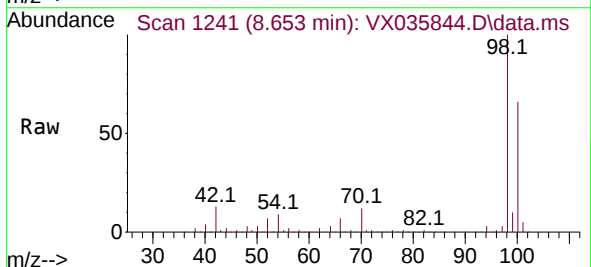
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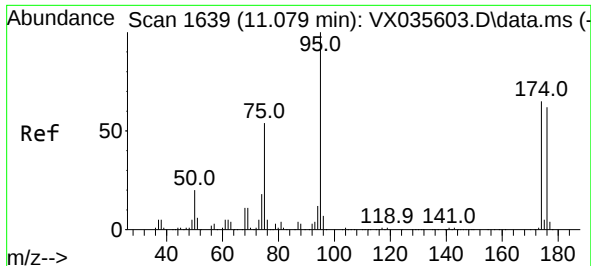
Tgt Ion: 98 Resp: 332344
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 165.3 30.6 46.0#

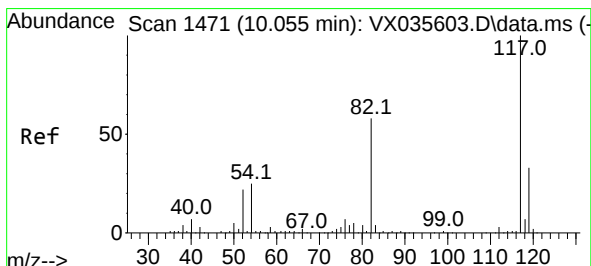
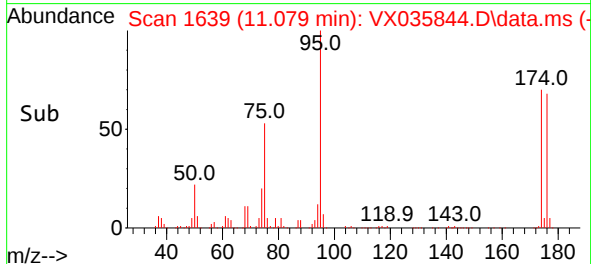
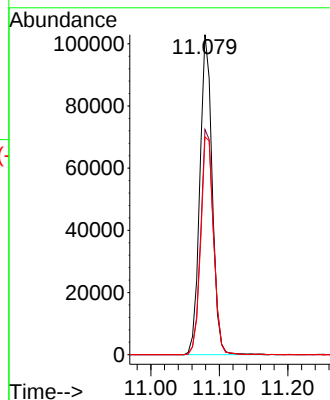
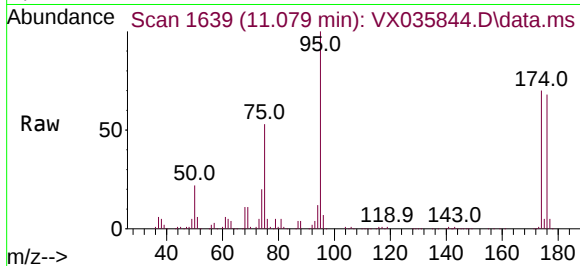




#62
4-Bromofluorobenzene
Concen: 42.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

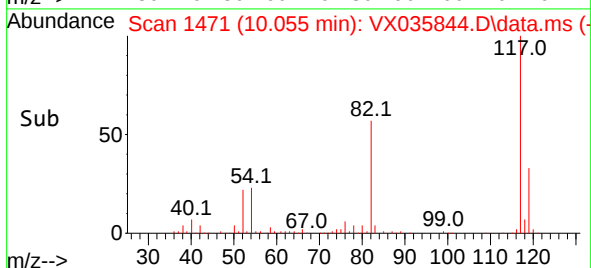
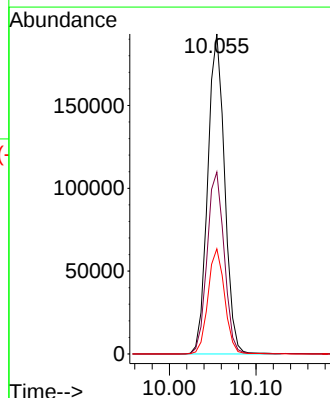
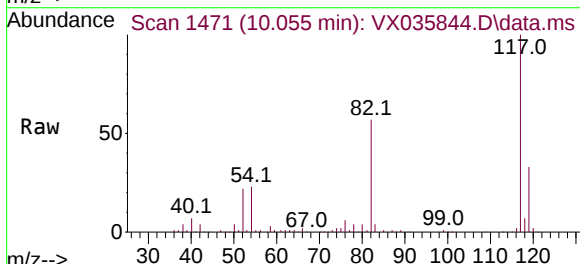
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230522

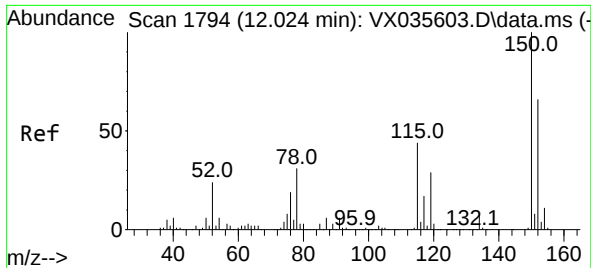
Tgt Ion: 95 Resp: 128857
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.4
176 70.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 117 Resp: 261708
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.8 26.0 39.0

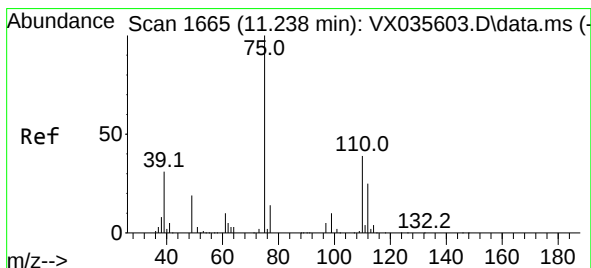
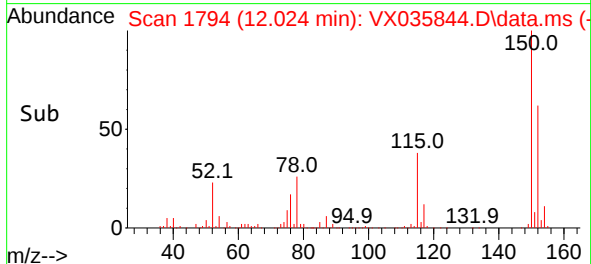
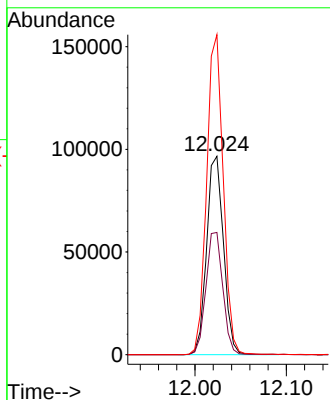
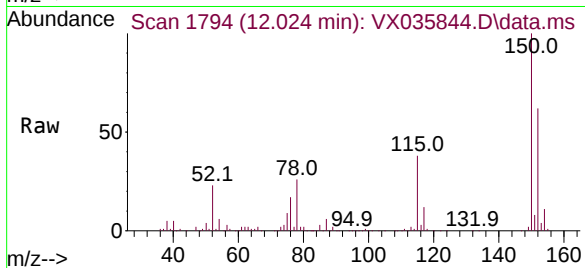




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

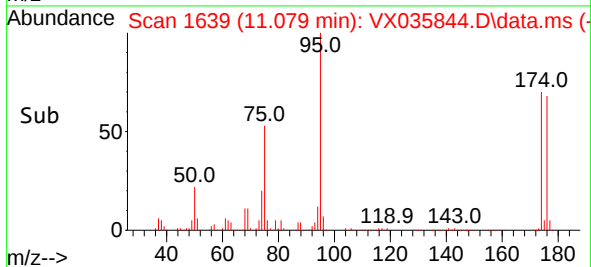
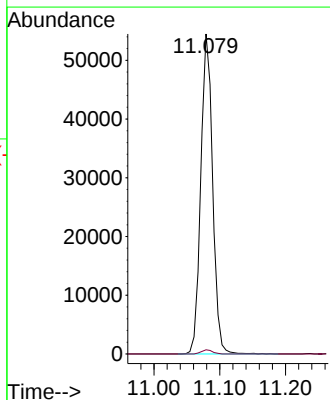
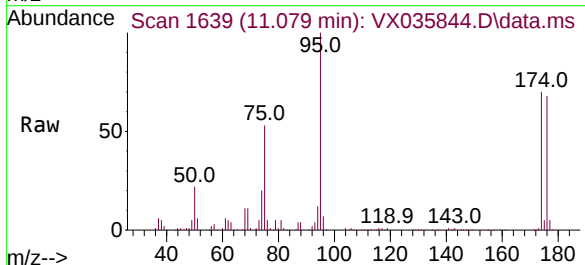
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20230522

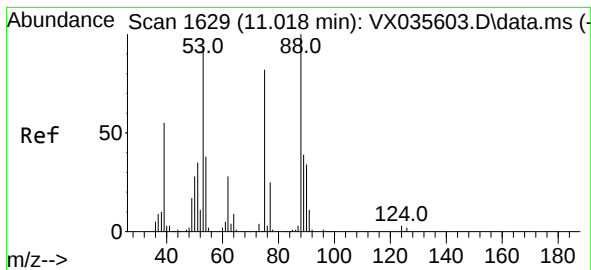
Tgt Ion:152 Resp: 123536
Ion Ratio Lower Upper
152 100
115 61.8 45.0 135.0
150 158.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 22.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035844.D
Acq: 24 May 2023 18:21

Tgt Ion: 75 Resp: 68235
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 72.777 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035844.D

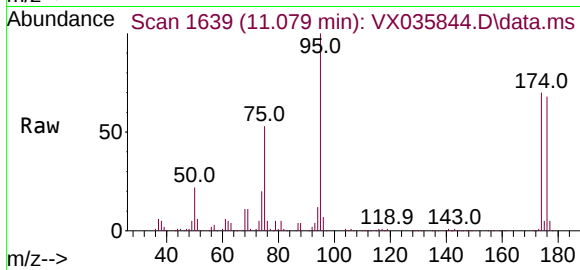
Acq: 24 May 2023 18:21

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20230522



Tgt Ion: 75 Resp: 68235

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

