

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035845.D
 Acq On : 24 May 2023 18:44
 Operator : JC/MD
 Sample : 02911-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20230522

Quant Time: May 25 05:34:56 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)

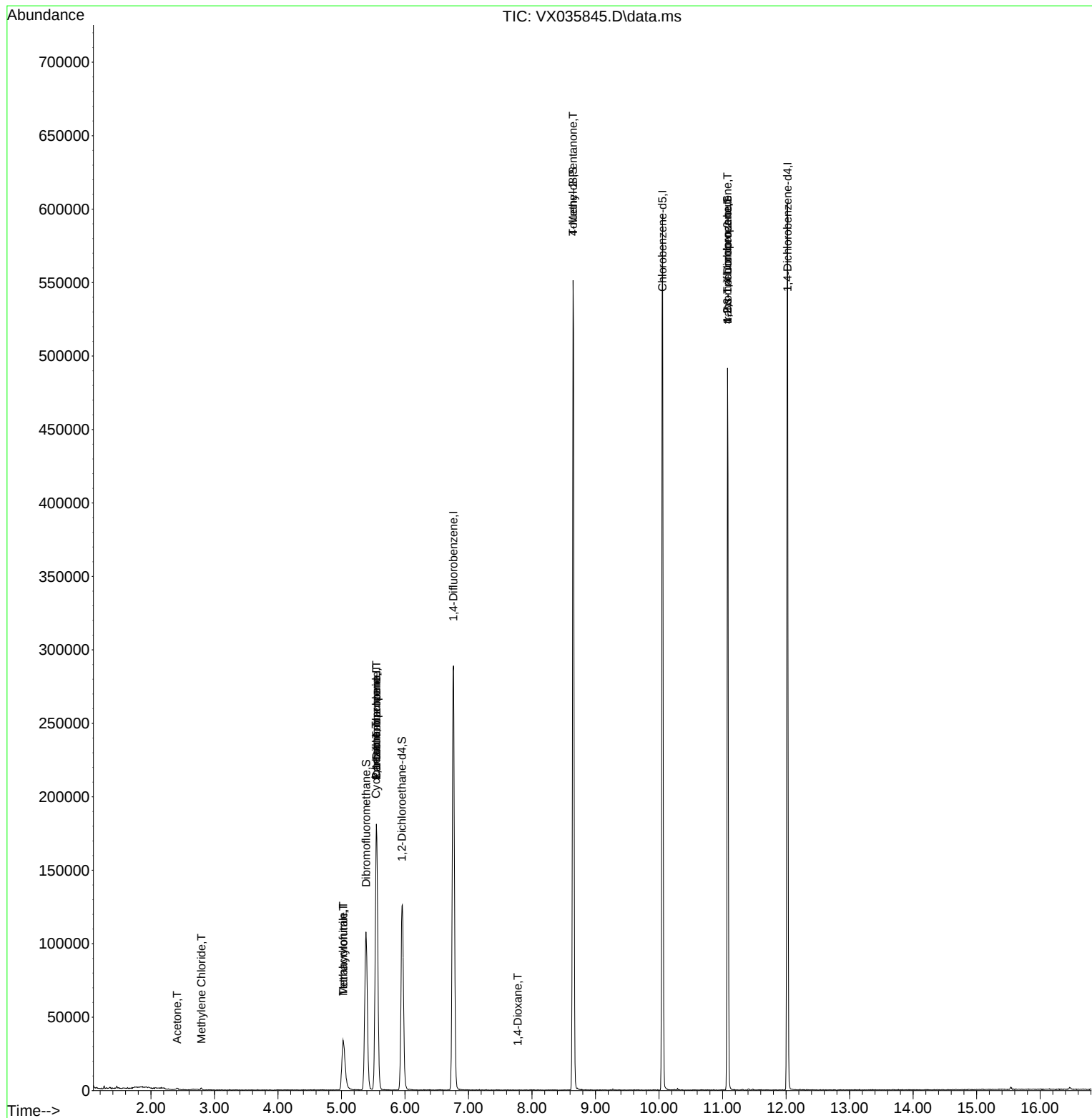
Internal Standards						
1) Pentafluorobenzene	5.550	168	165136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123670	42.928	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.860%	
35) Dibromofluoromethane	5.385	113	93303	47.692	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.380%	
50) Toluene-d8	8.646	98	320875	44.397	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.800%#	
62) 4-Bromofluorobenzene	11.079	95	125428	43.102	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1883	1.521	ug/l #	65
20) Methylene Chloride	2.794	84	498	0.222	ug/l #	86
29) Tetrahydrofuran	5.025	42	38663	35.888	ug/l	97
31) Cyclohexane	5.543	56	3973	1.092	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	14342	4.644	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17287	5.909	ug/l #	16
41) Methacrylonitrile	5.025	41	22226	11.622	ug/l #	48
49) 1,4-Dioxane	7.775	88	19	2.310	ug/l #	23
51) 4-Methyl-2-Pentanone	8.646	43	1658	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66381	22.458	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	66381	72.378	ug/l #	8

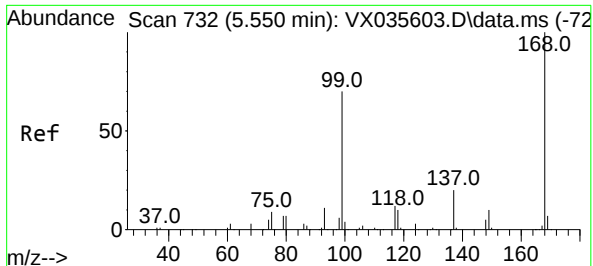
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

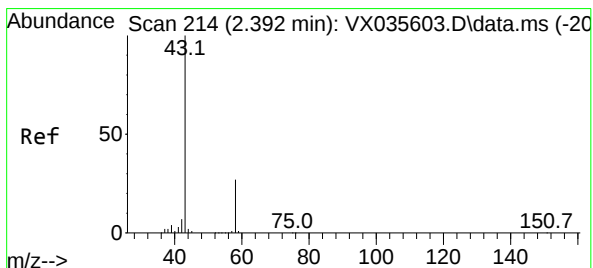
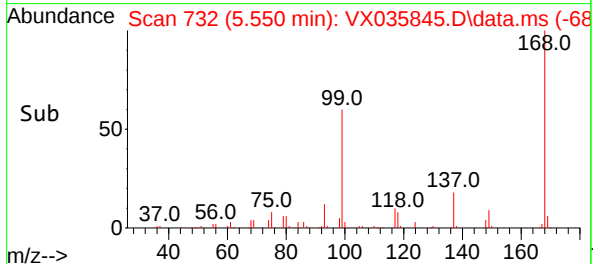
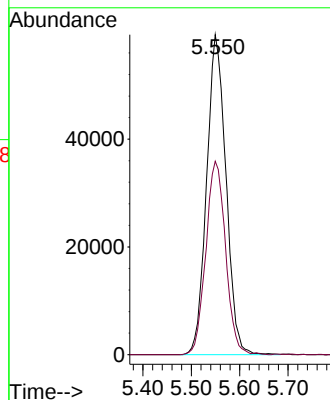
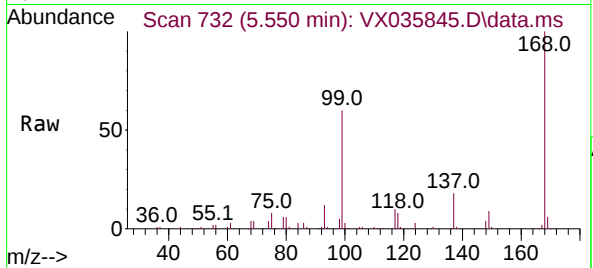




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

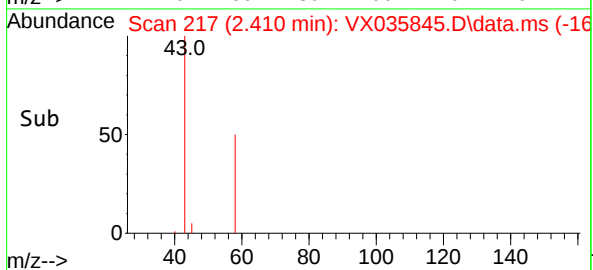
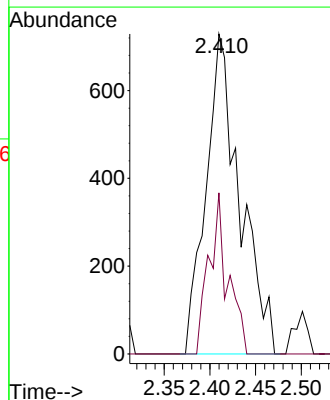
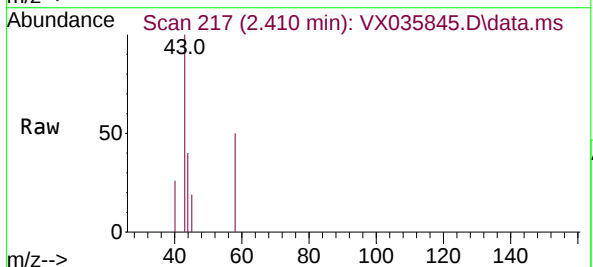
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

Tgt Ion:168 Resp: 165136
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#16
Acetone
Concen: 1.521 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 50.3 24.7 37.1#





#20

Methylene Chloride

Concen: 0.222 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035845.D

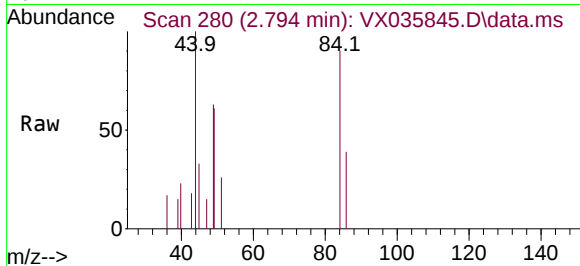
Acq: 24 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20230522



Tgt Ion: 84 Resp: 498

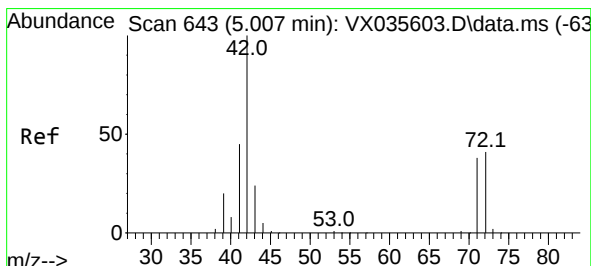
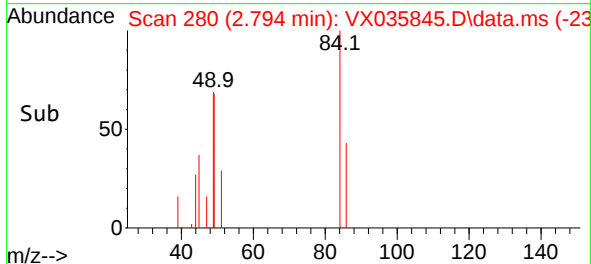
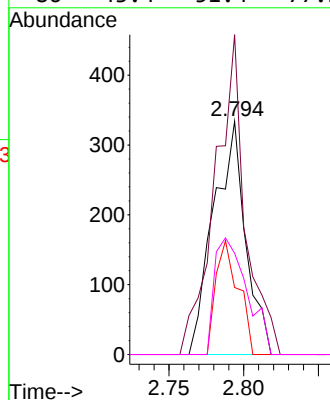
Ion Ratio Lower Upper

84 100

49 137.1 103.8 155.8

51 28.7 31.8 47.8#

86 43.4 51.4 77.2#



#29

Tetrahydrofuran

Concen: 35.888 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX035845.D

Acq: 24 May 2023 18:44

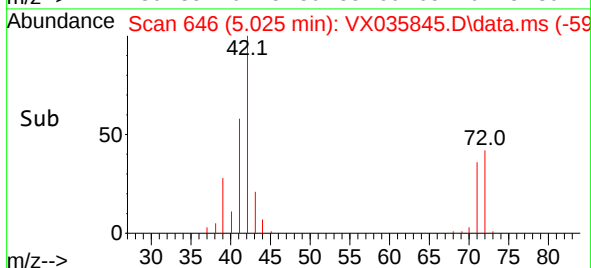
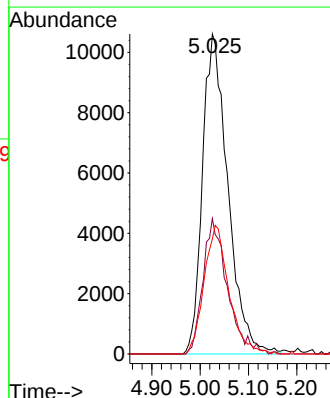
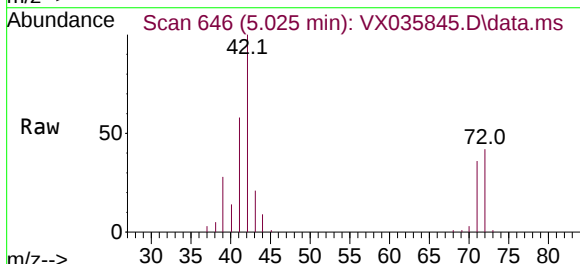
Tgt Ion: 42 Resp: 38663

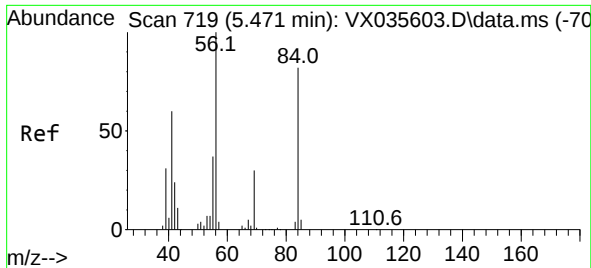
Ion Ratio Lower Upper

42 100

72 40.3 34.5 51.7

71 39.3 32.1 48.1

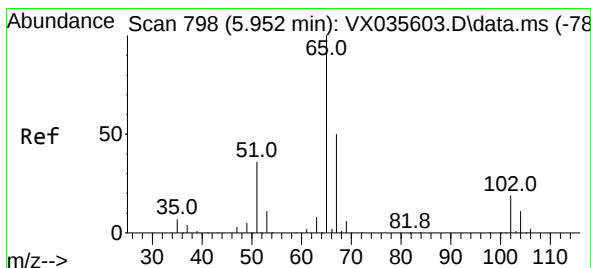
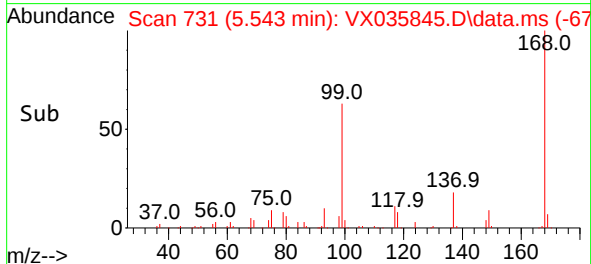
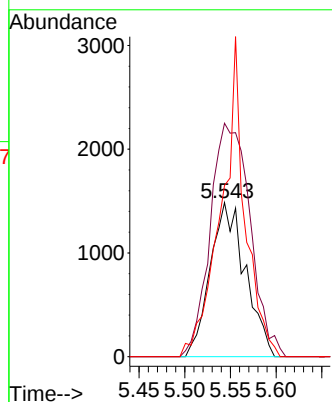
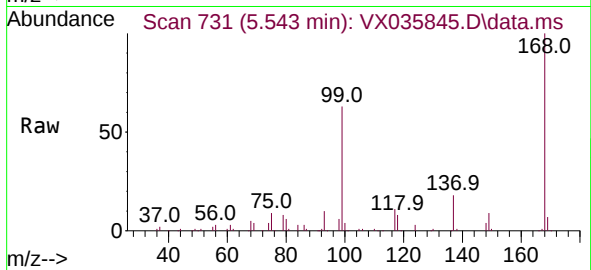




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

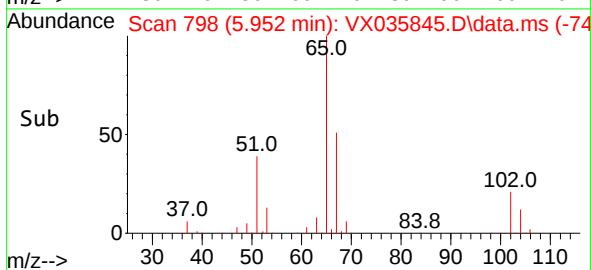
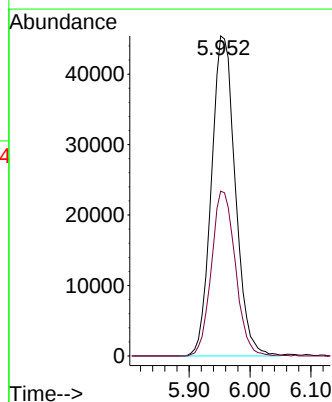
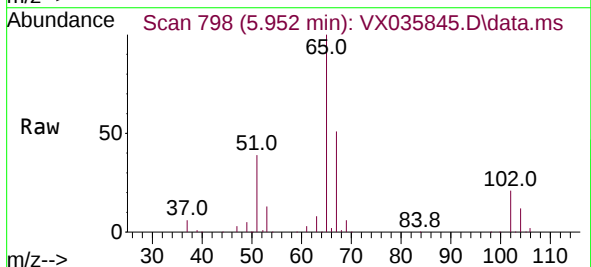
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

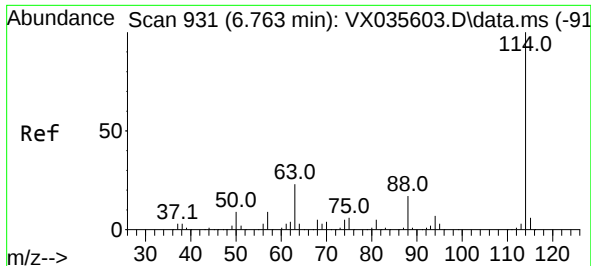
Tgt Ion: 56 Resp: 3973
Ion Ratio Lower Upper
56 100
69 151.5 23.7 35.5#
84 111.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.928 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 65 Resp: 123670
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

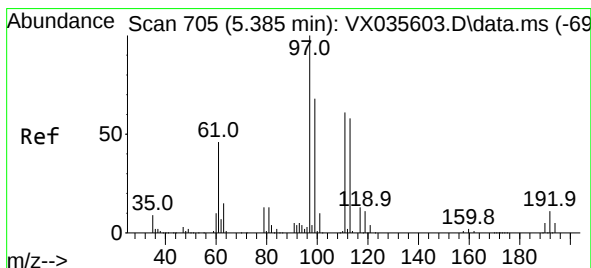
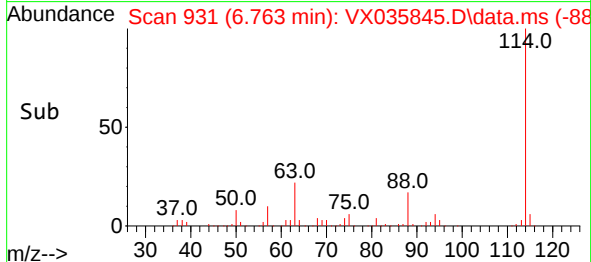
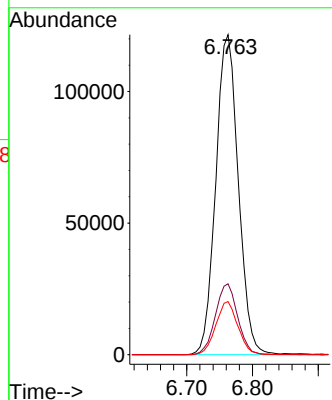
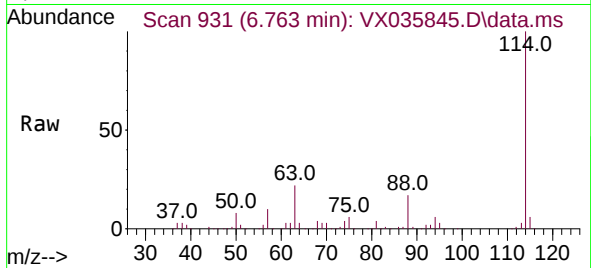




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

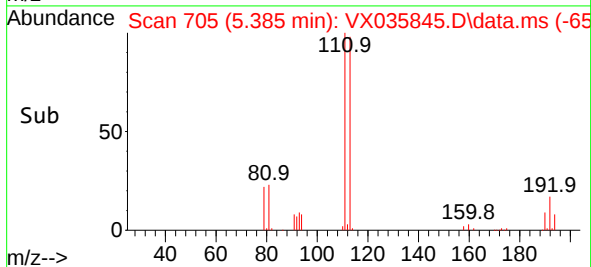
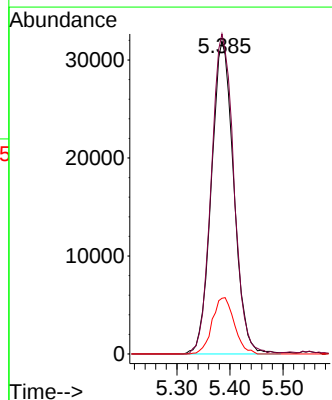
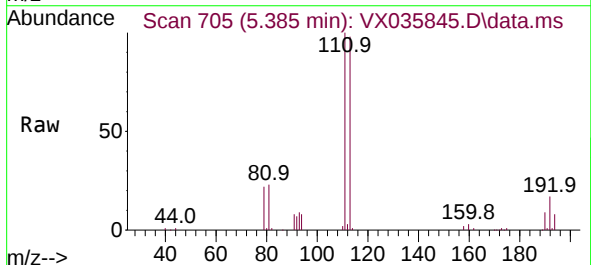
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

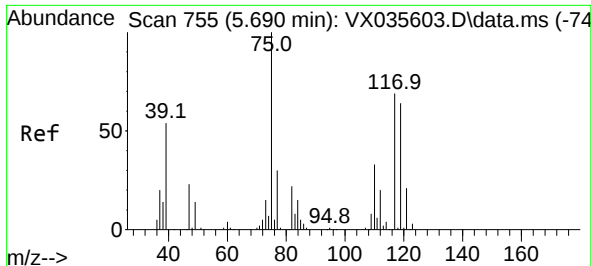
Tgt Ion:114 Resp: 290094
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.692 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion:113 Resp: 93303
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 17.8 15.4 23.2

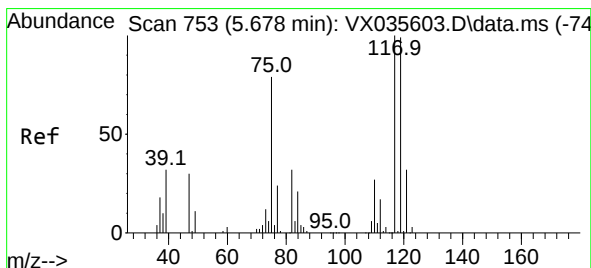
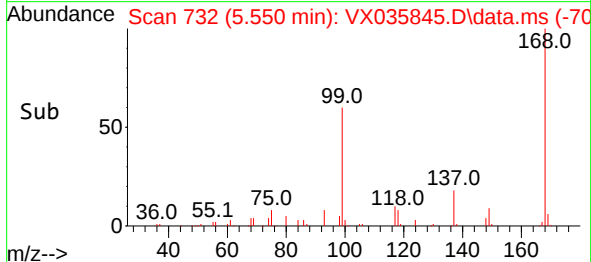
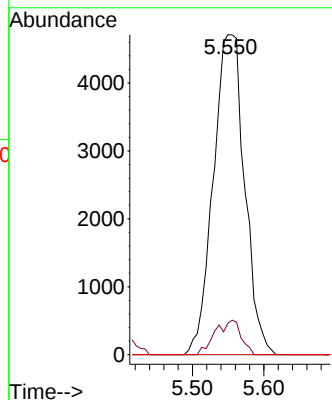
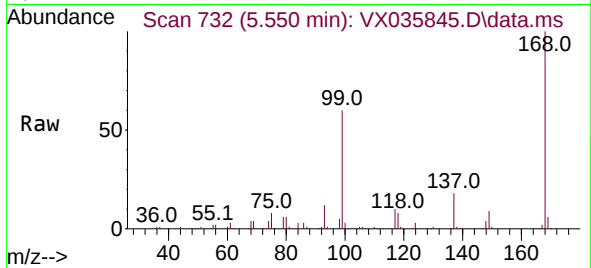




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

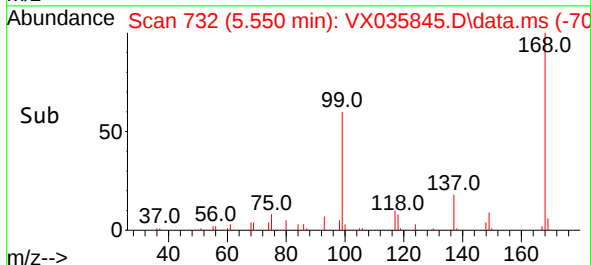
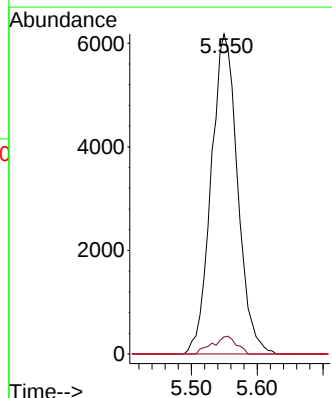
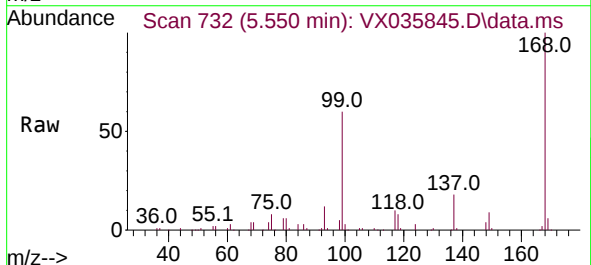
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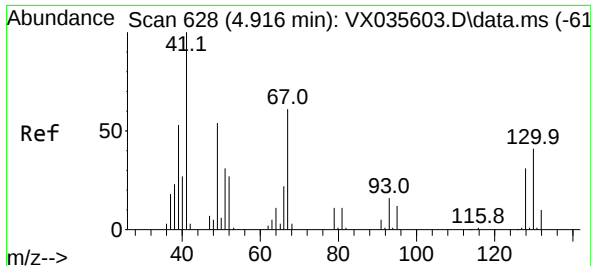
Tgt Ion: 75 Resp: 14342
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 117 Resp: 17287
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#

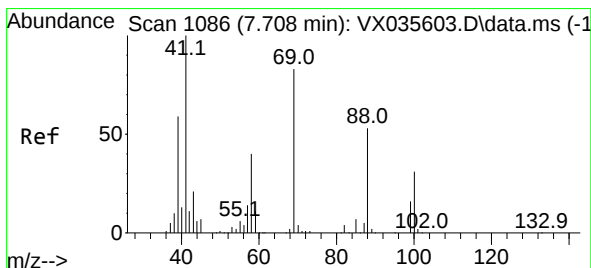
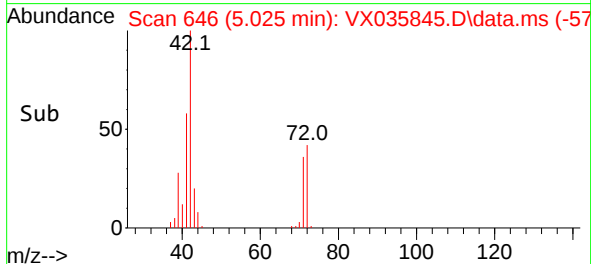
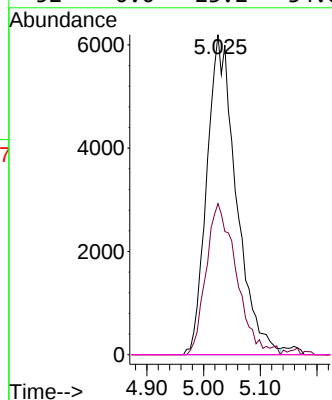
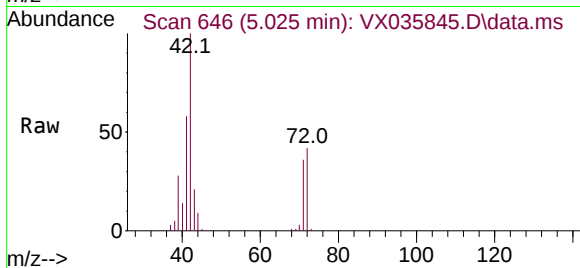




#41
Methacrylonitrile
Concen: 11.622 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.109 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

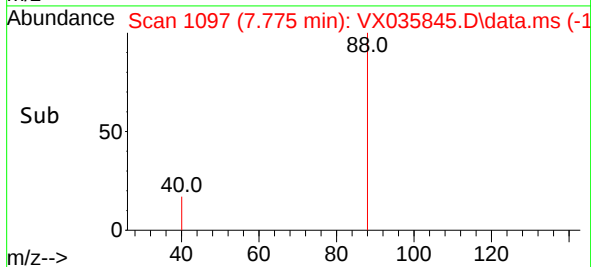
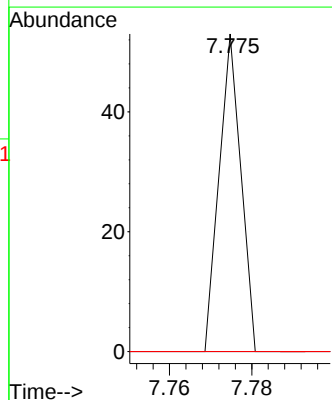
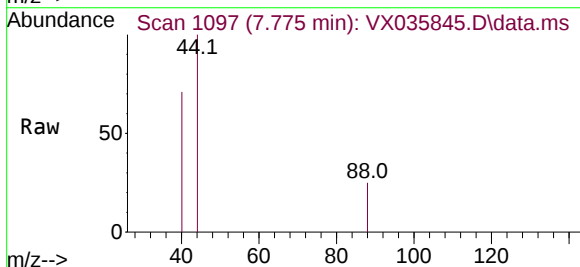
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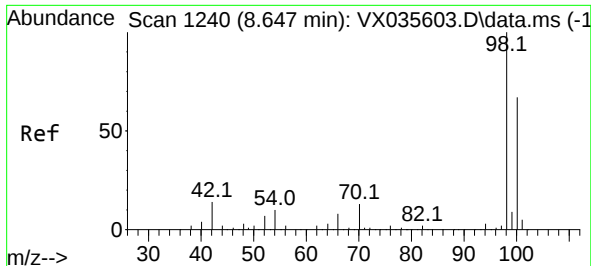
Tgt Ion: 41	Resp: 22226
Ion Ratio	Lower Upper
41 100	
39 48.4	45.0 67.6
67 0.0	55.6 83.4#
52 0.0	23.2 34.8#



#49
1,4-Dioxane
Concen: 2.310 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. 0.067 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 88	Resp: 19
Ion Ratio	Lower Upper
88 100	
43 0.0	27.7 41.5#
58 0.0	56.8 85.2#

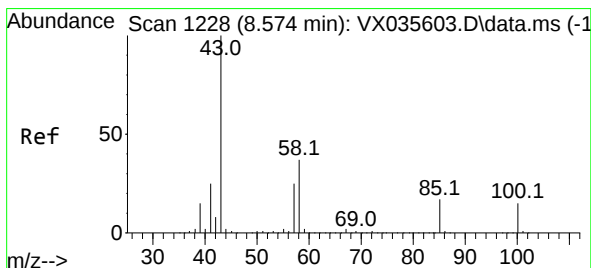
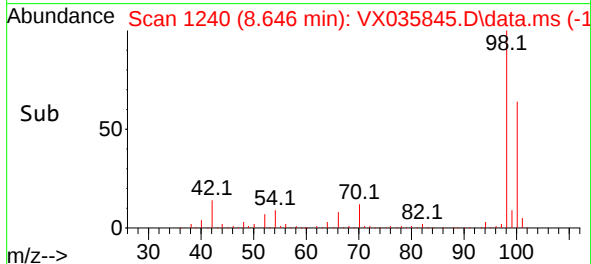
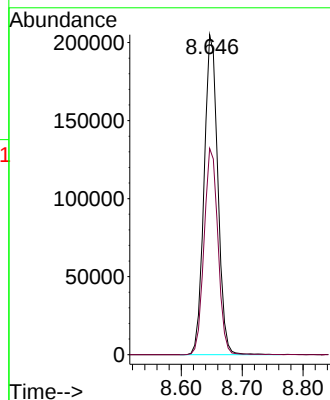
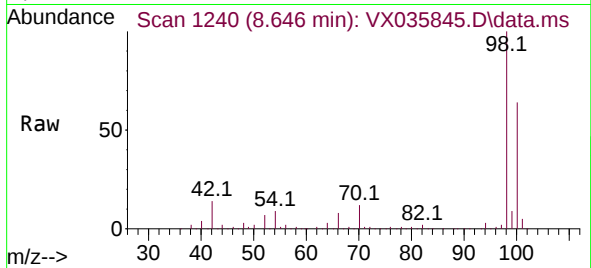




#50
Toluene-d8
Concen: 44.397 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

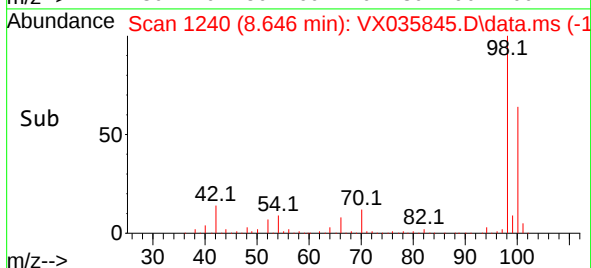
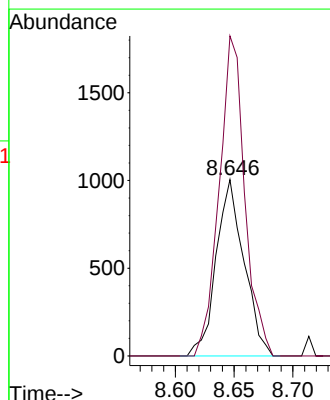
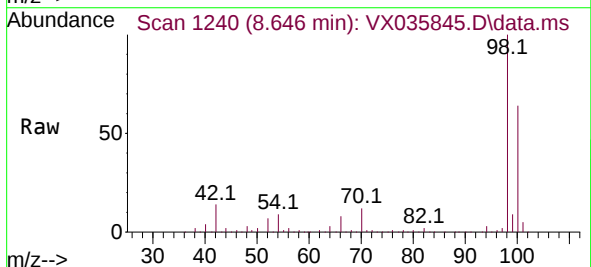
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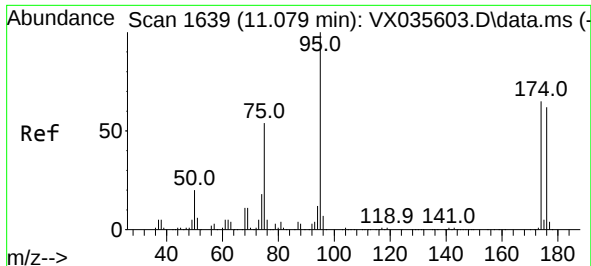
Tgt Ion: 98 Resp: 320875
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 166.9 30.6 46.0#

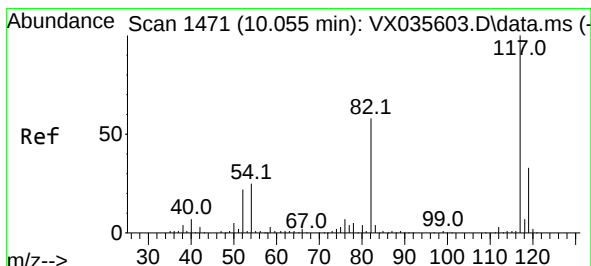
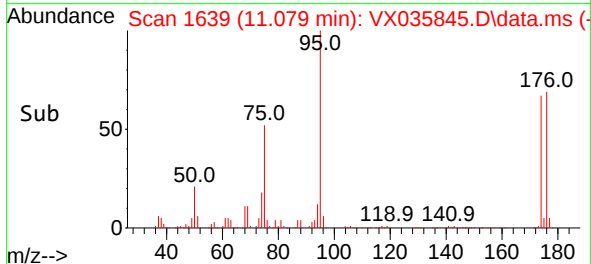
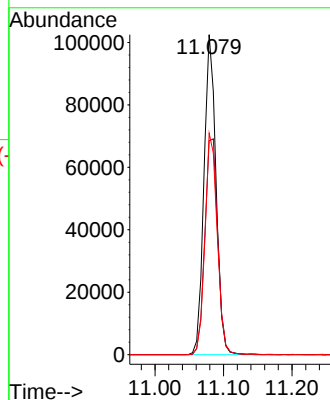
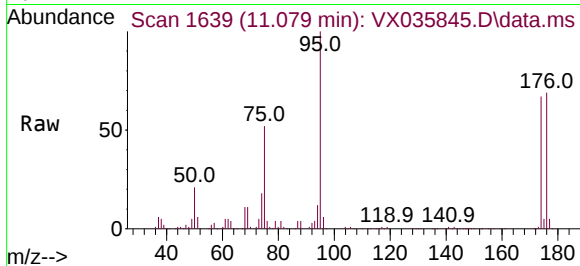




#62
4-Bromofluorobenzene
Concen: 43.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

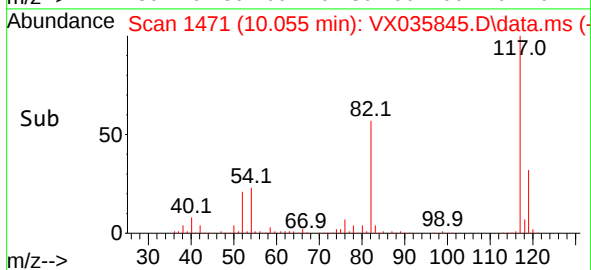
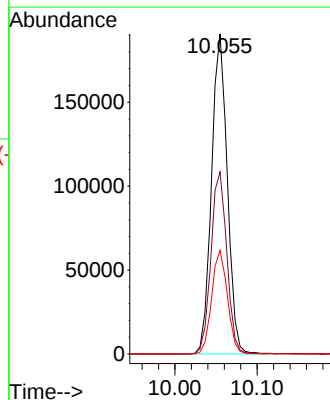
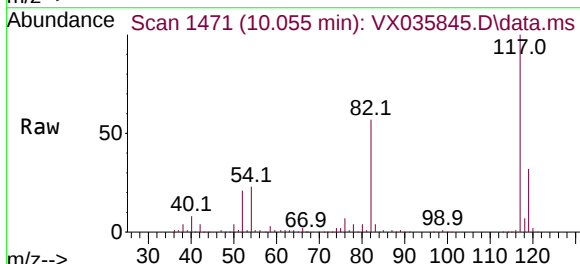
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

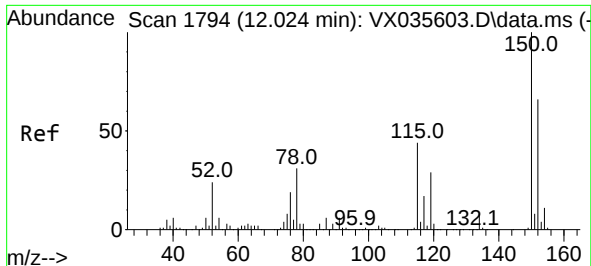
Tgt Ion: 95 Resp: 125428
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 117 Resp: 253863
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.4 26.0 39.0

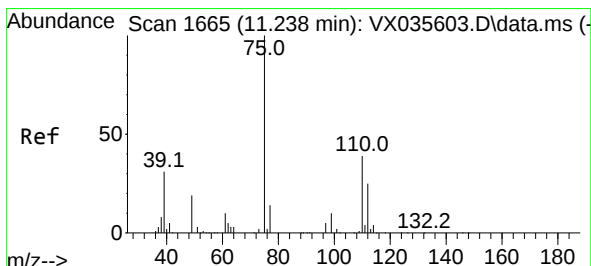
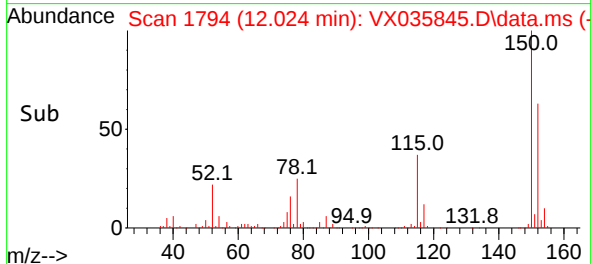
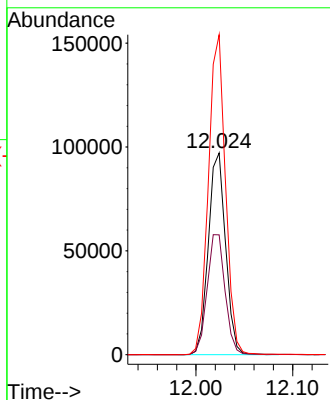
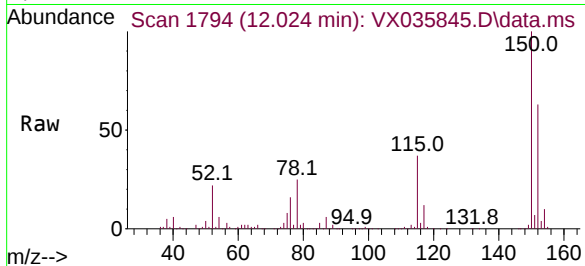




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

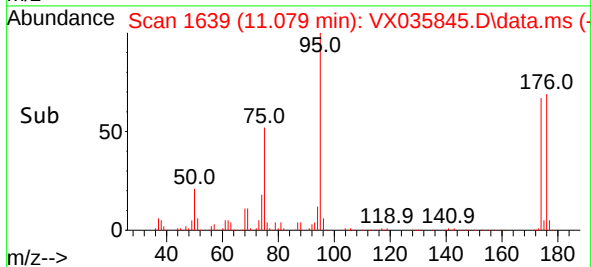
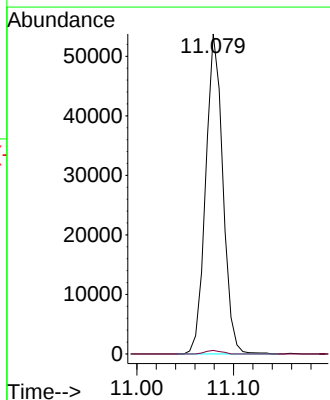
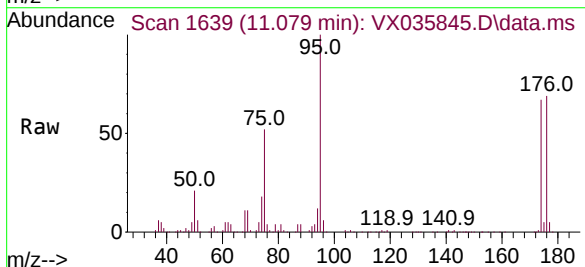
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

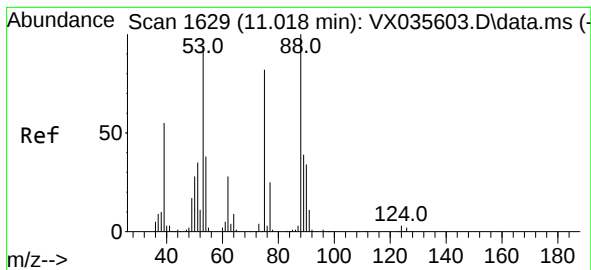
Tgt Ion:152 Resp: 120842
Ion Ratio Lower Upper
152 100
115 61.8 45.0 135.0
150 156.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 22.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 75 Resp: 66381
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.378 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035845.D
 Acq: 24 May 2023 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20230522

Tgt Ion: 75 Resp: 66381
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

