

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034500.D
 Acq On : 15 Mar 2023 11:42
 Operator : JC/MD
 Sample : 01903-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230312

Quant Time: Mar 21 10:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	238537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	408010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153144	50.000	ug/l	0.00

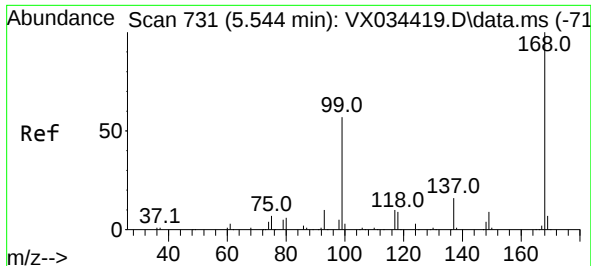
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161562	46.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.385	113	128656	47.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.647	98	493260	49.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	184255	45.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	447	Below Cal		92
9) 1,1,2-Trichlorotrifluo...	2.325	101	923	0.348	ug/l #	93
16) Acetone	2.380	43	895	0.548	ug/l #	85
29) Tetrahydrofuran	5.013	42	19933	13.811	ug/l	99
31) Cyclohexane	5.550	56	5652	1.161	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	18662	4.510	ug/l #	51
38) Carbon Tetrachloride	5.544	117	23892	5.804	ug/l #	15
41) Methacrylonitrile	5.013	41	11159	4.505	ug/l #	50
44) Trichloroethene	7.123	130	826	0.263	ug/l	60
49) 1,4-Dioxane	7.482	88	26	0.336	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	2378	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	97503	27.728	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97503	75.014	ug/l #	8

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

Quant Time: Mar 21 10:26:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

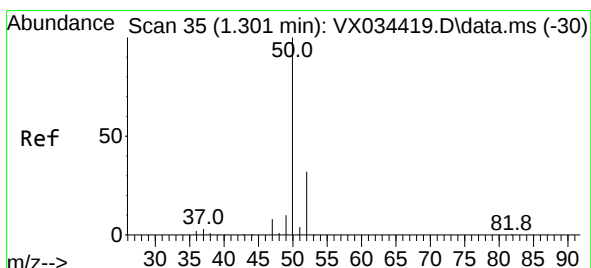
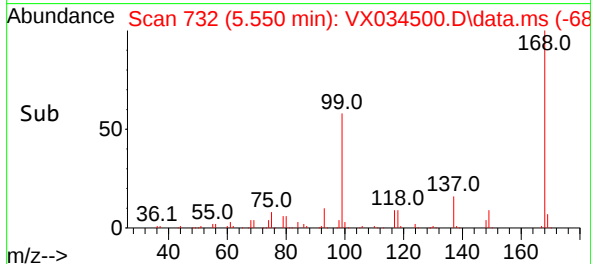
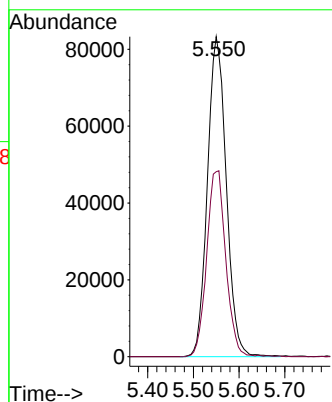
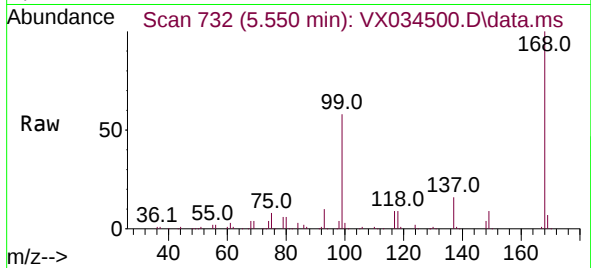




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

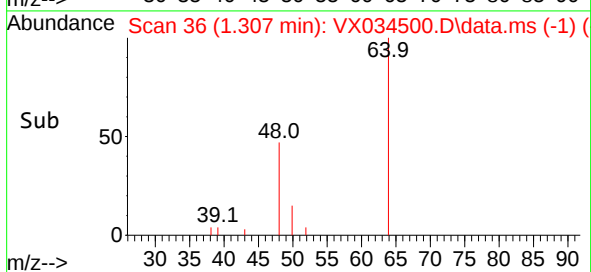
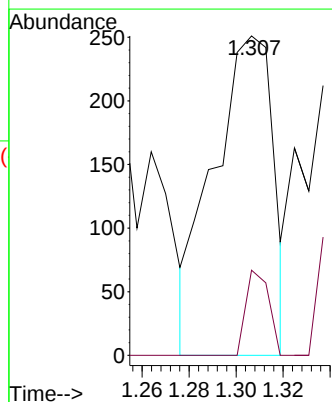
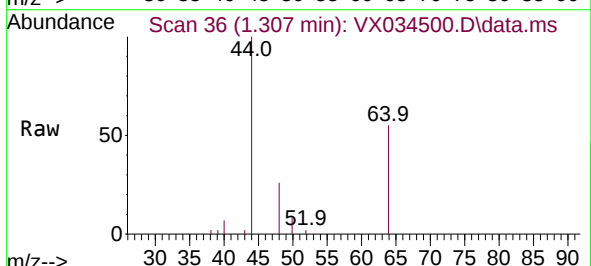
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

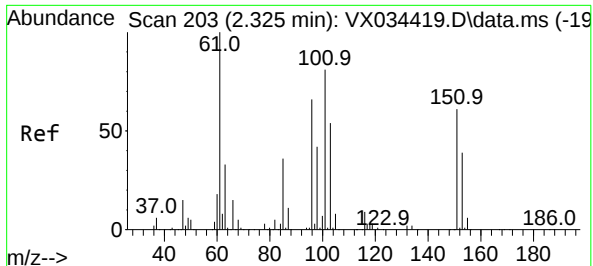
Tgt Ion:168 Resp: 238537
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 36.8 25.9 38.9

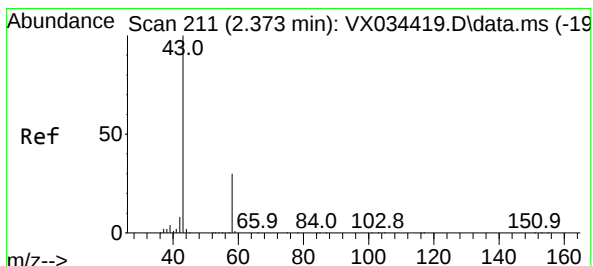
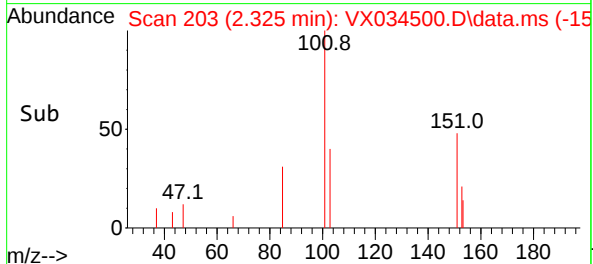
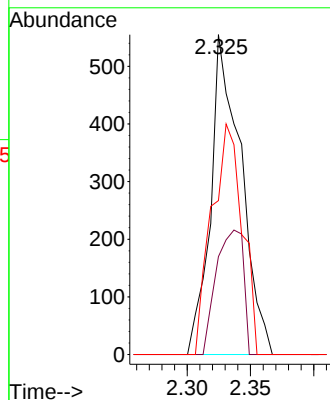
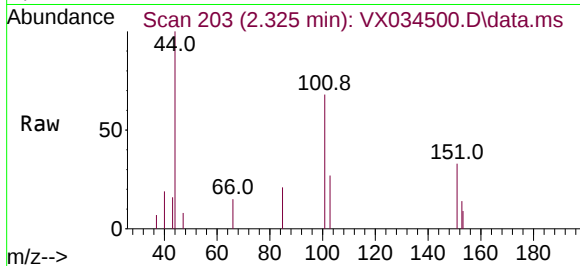




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.348 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

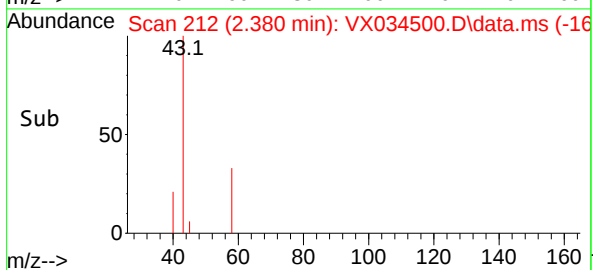
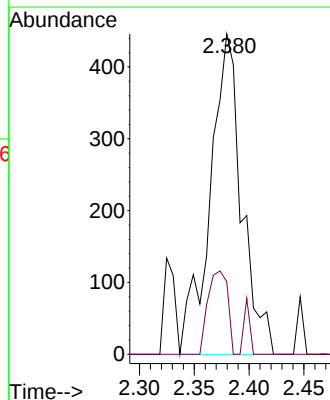
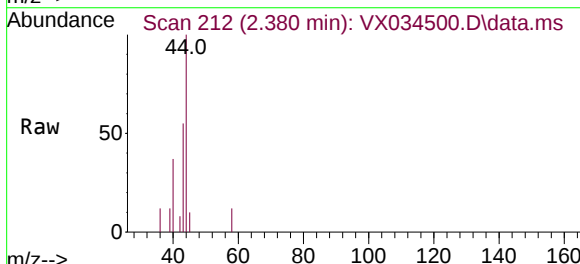
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

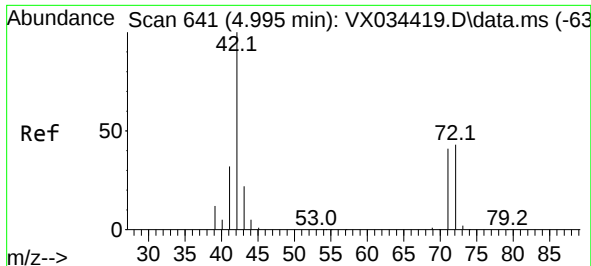
Tgt Ion:101 Resp: 923
Ion Ratio Lower Upper
101 100
85 34.9 35.4 53.2#
151 72.7 60.2 90.4



#16
Acetone
Concen: 0.548 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 22.6 24.7 37.1#





#29

Tetrahydrofuran

Concen: 13.811 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX034500.D

Acq: 15 Mar 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20230312

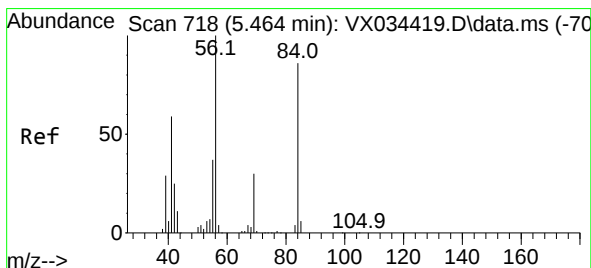
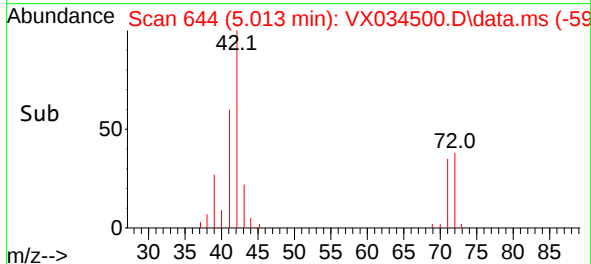
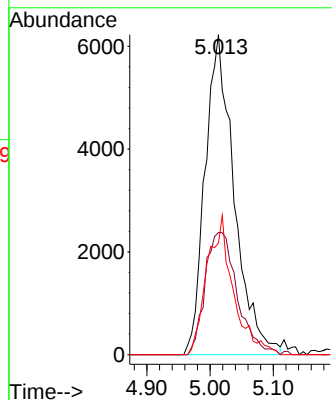
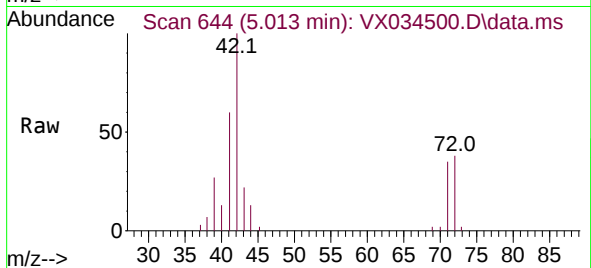
Tgt Ion: 42 Resp: 19933

Ion Ratio Lower Upper

42 100

72 42.2 34.5 51.7

71 39.3 32.1 48.1



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX034500.D

Acq: 15 Mar 2023 11:42

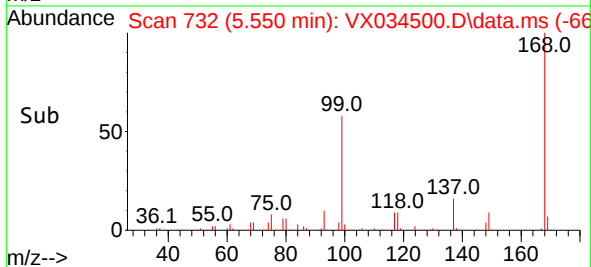
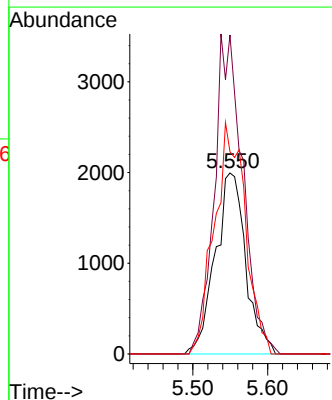
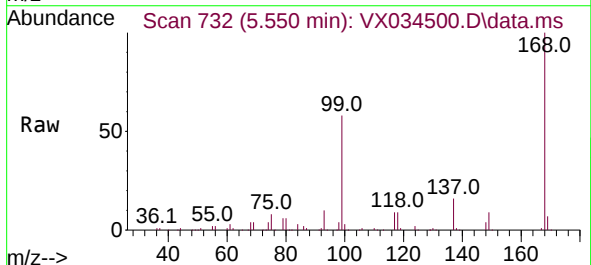
Tgt Ion: 56 Resp: 5652

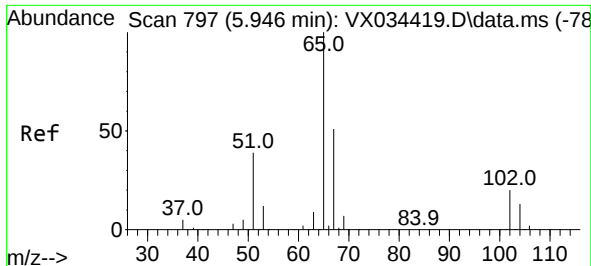
Ion Ratio Lower Upper

56 100

69 176.3 23.7 35.5#

84 111.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.557 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034500.D

Acq: 15 Mar 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

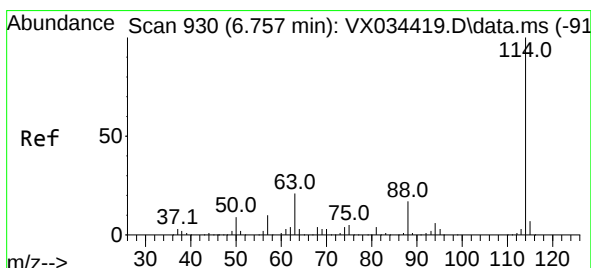
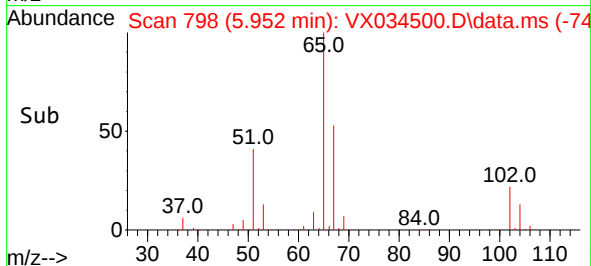
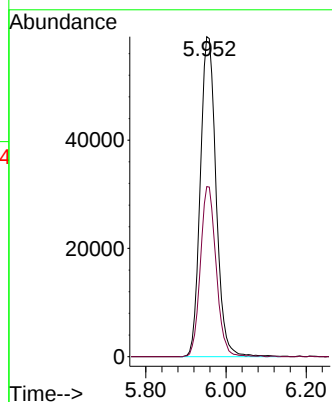
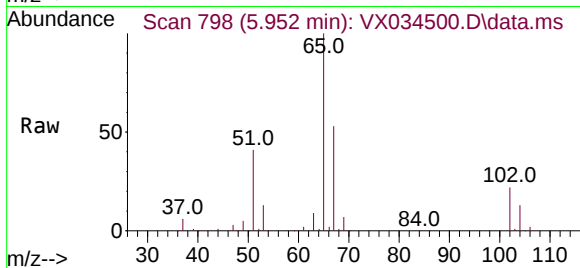
RW9-MW01D2-20230312

Tgt Ion: 65 Resp: 161562

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034500.D

Acq: 15 Mar 2023 11:42

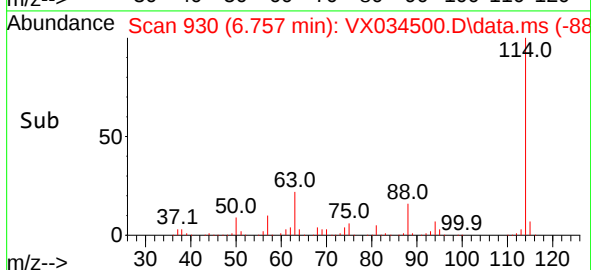
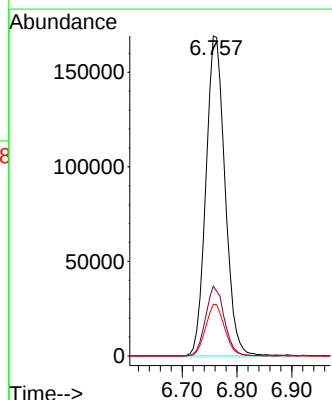
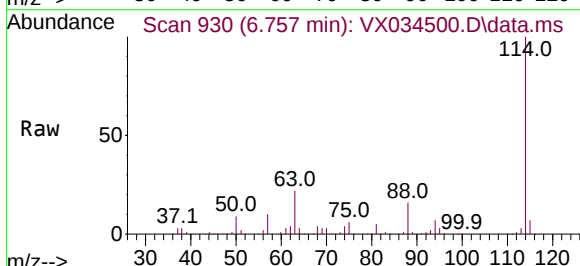
Tgt Ion: 114 Resp: 408010

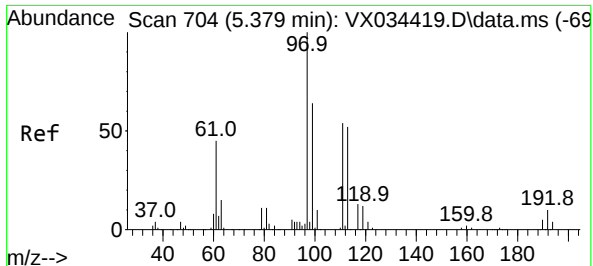
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.1 0.0 33.2

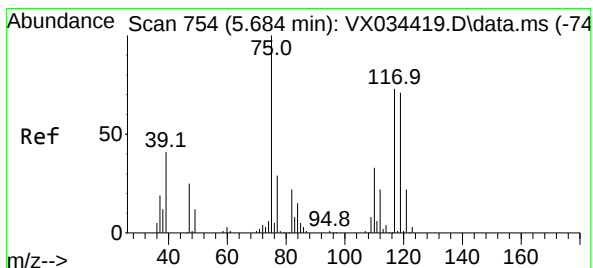
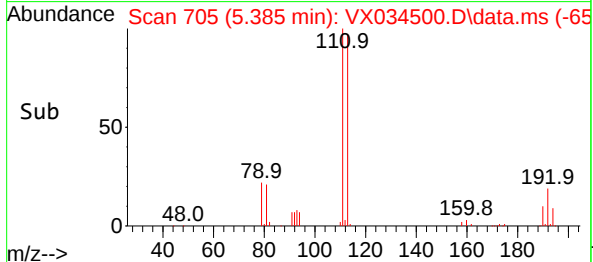
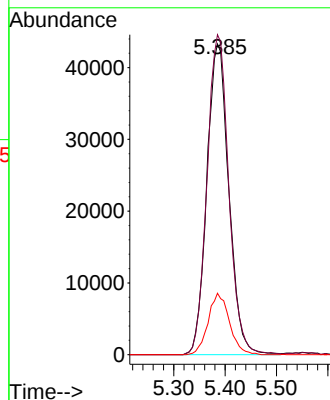
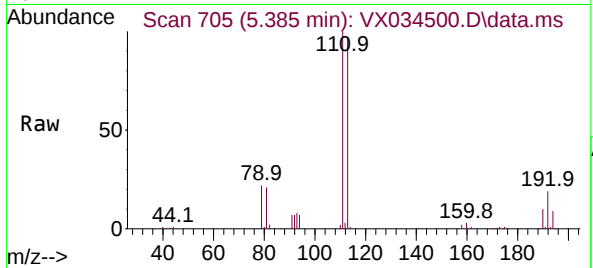




#35
Dibromofluoromethane
Concen: 47.759 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

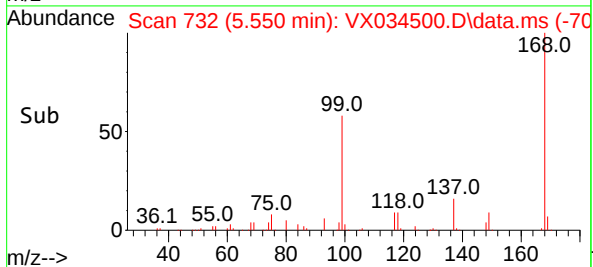
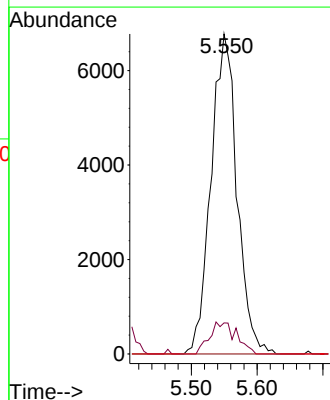
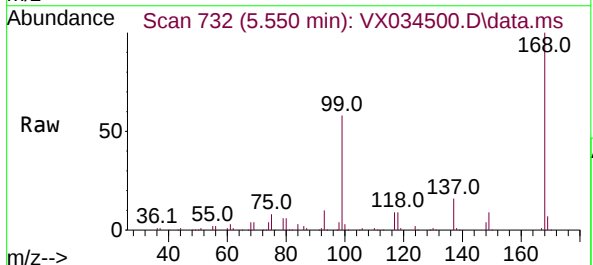
Instrument :
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RW9-MW01D2-20230312

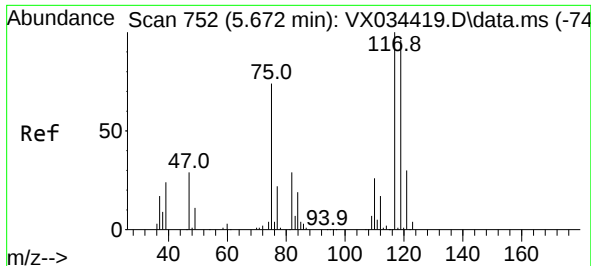
Tgt Ion:113 Resp: 128656
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.510 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

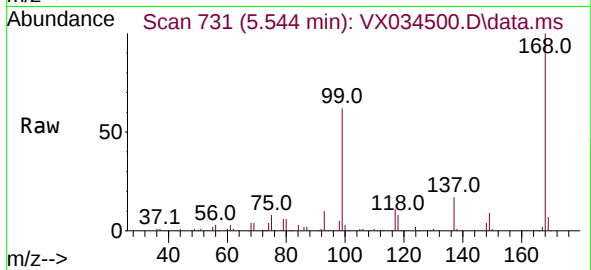
Tgt Ion: 75 Resp: 18662
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



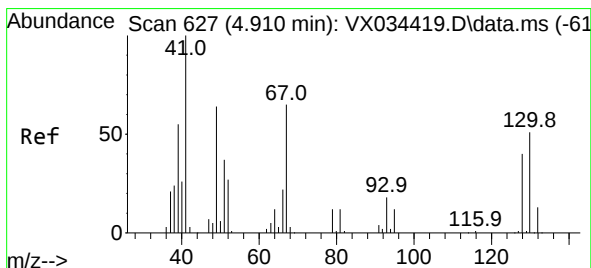
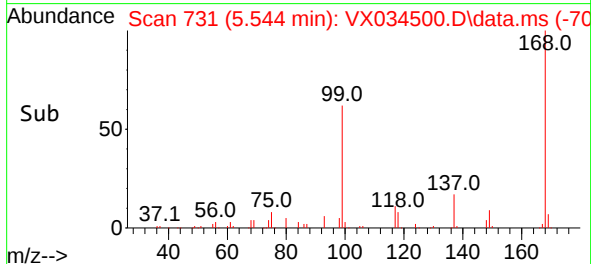
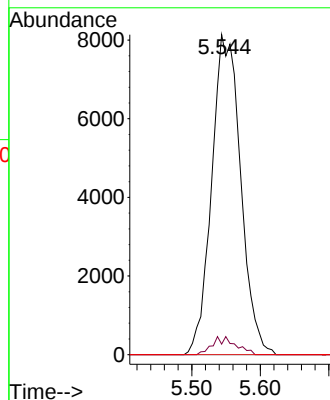


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

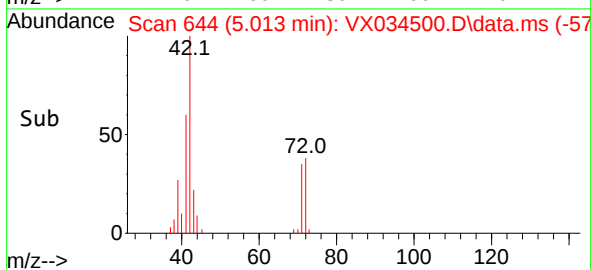
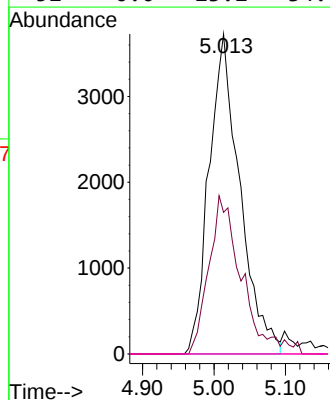
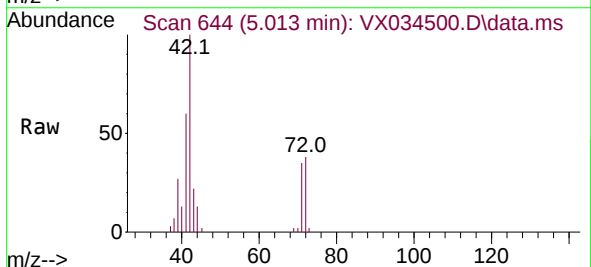


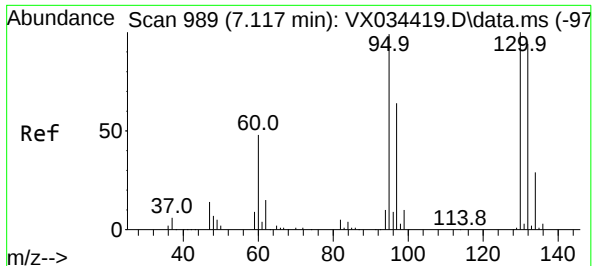
Tgt Ion:117 Resp: 23892
Ion Ratio Lower Upper
117 100
119 3.3 76.6 114.8#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 4.505 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.104 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 41 Resp: 11159
Ion Ratio Lower Upper
41 100
39 52.7 45.0 67.6
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

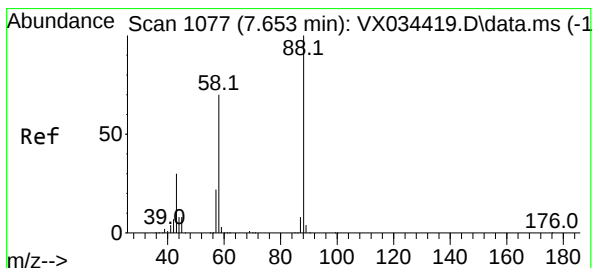
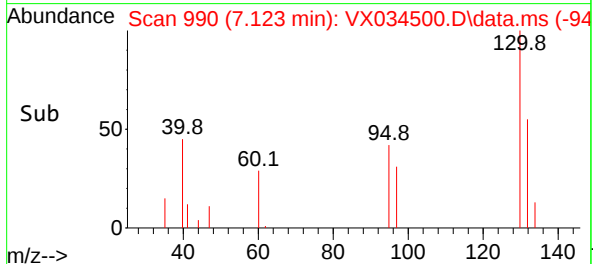
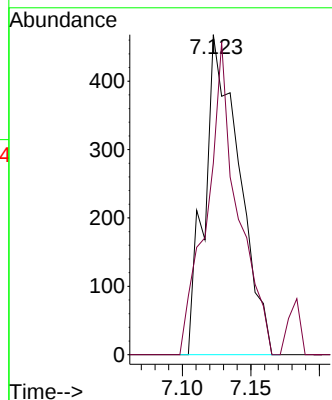
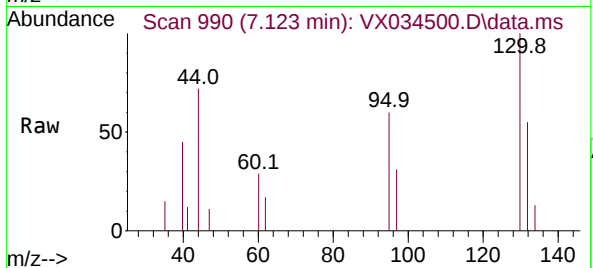




#44
Trichloroethene
Concen: 0.263 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

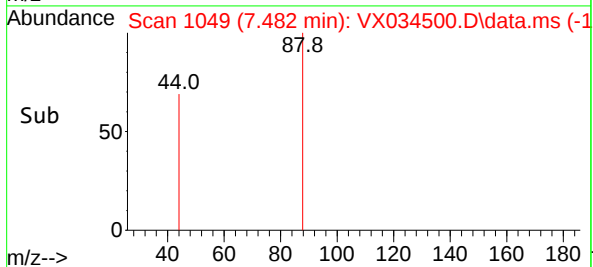
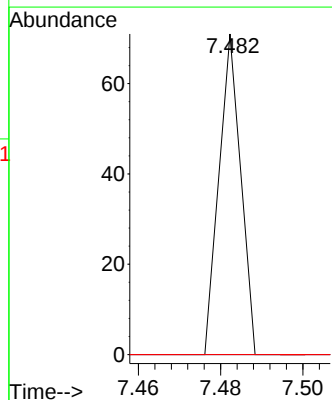
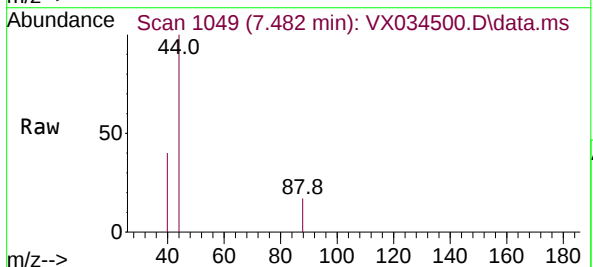
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

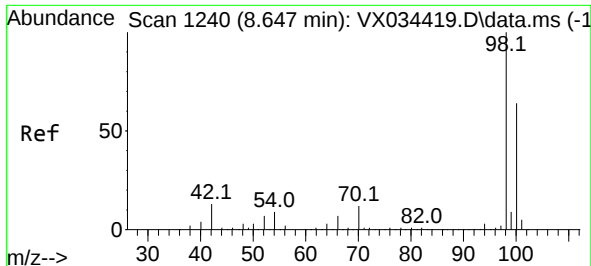
Tgt Ion:130 Resp: 826
Ion Ratio Lower Upper
130 100
95 59.8 0.0 198.4



#49
1,4-Dioxane
Concen: 0.336 ug/l
RT: 7.482 min Scan# 1049
Delta R.T. -0.171 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

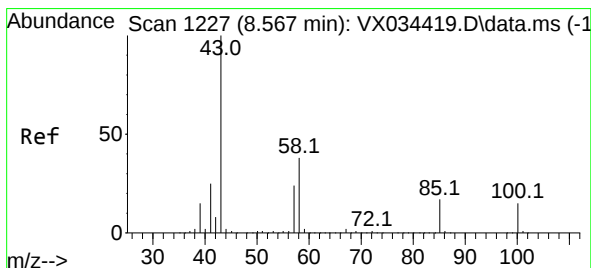
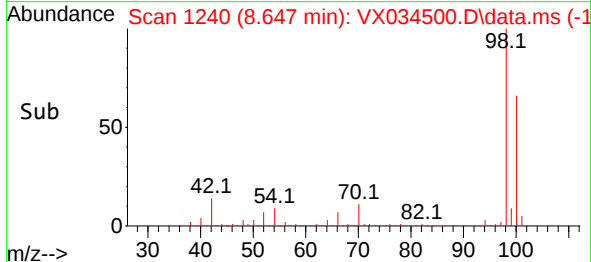
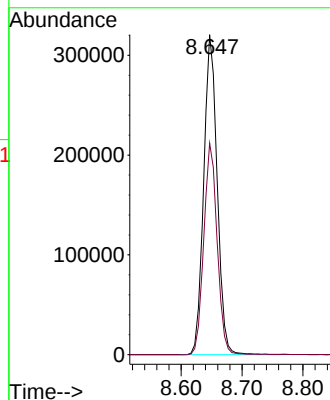
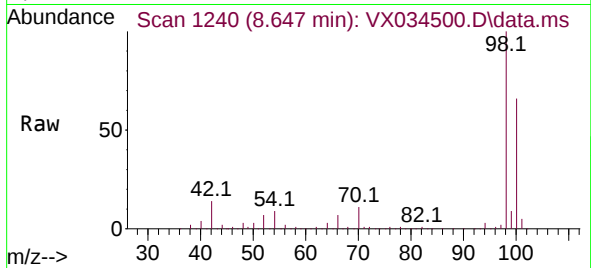




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

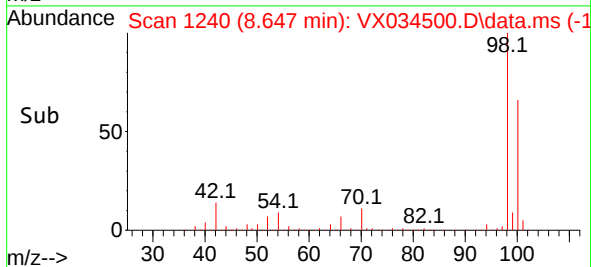
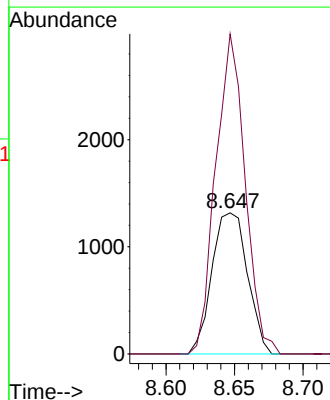
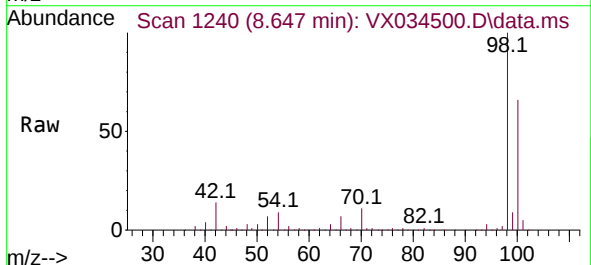
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

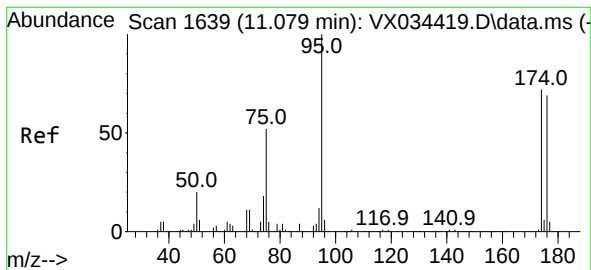
Tgt Ion: 98 Resp: 493260
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 187.5 30.6 46.0#

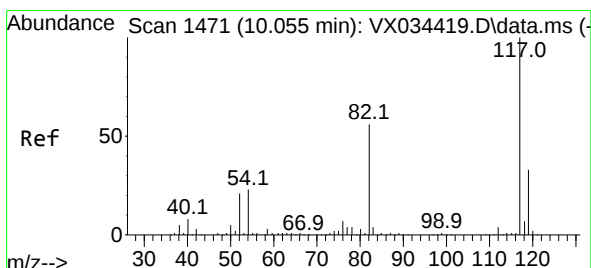
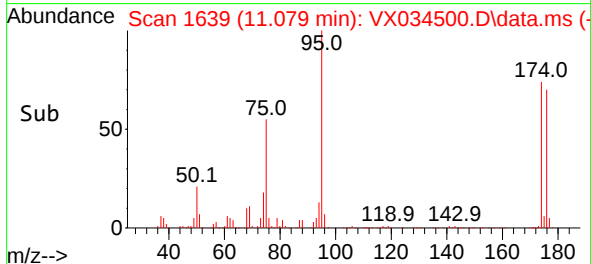
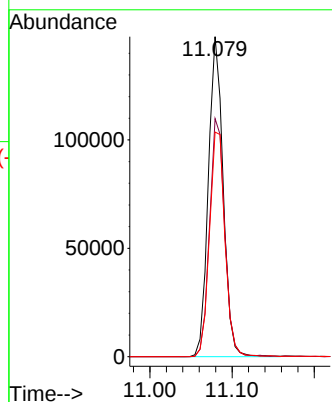
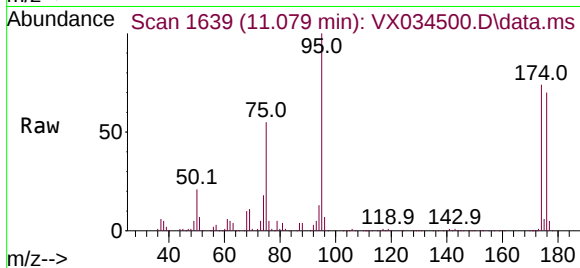




#62
4-Bromofluorobenzene
Concen: 45.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

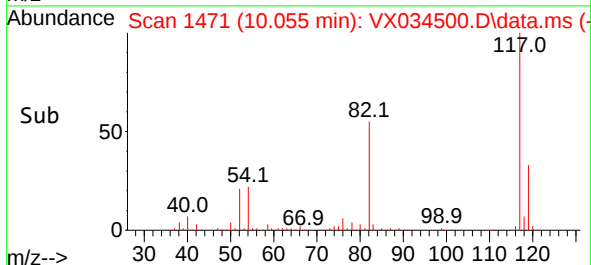
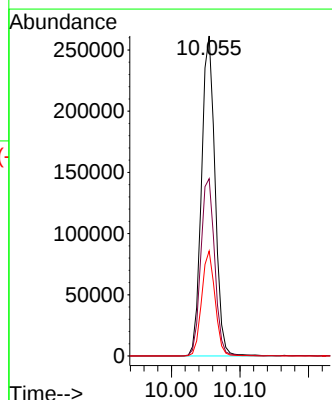
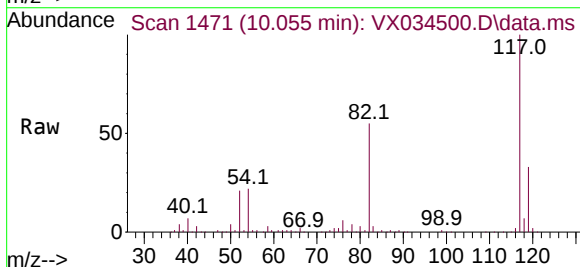
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230312

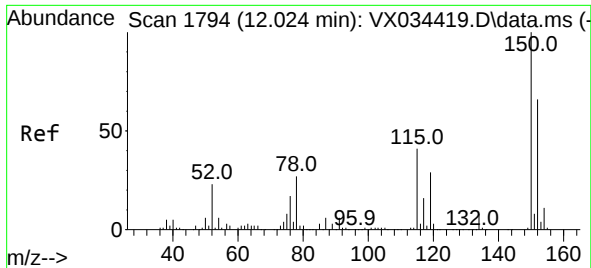
Tgt Ion: 95 Resp: 184255
Ion Ratio Lower Upper
95 100
174 76.5 0.0 147.4
176 73.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034500.D
Acq: 15 Mar 2023 11:42

Tgt Ion: 117 Resp: 360361
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.8 26.0 39.0

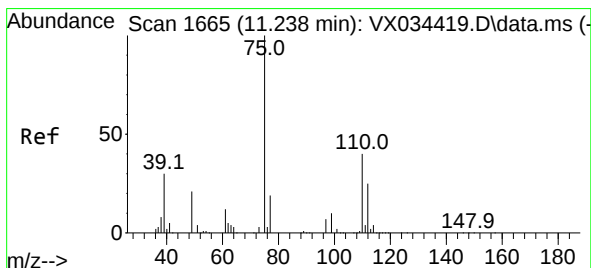
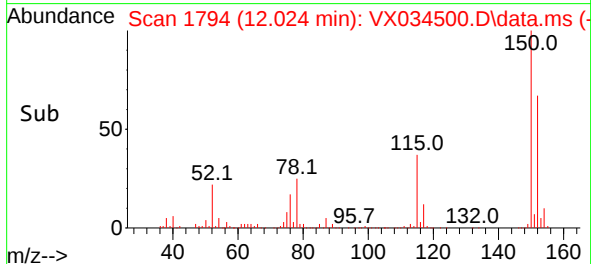
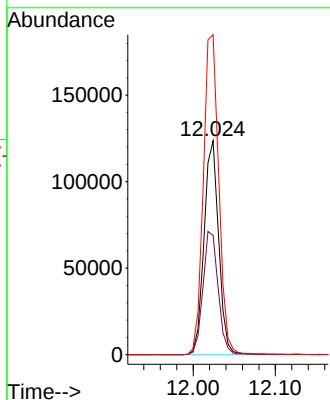
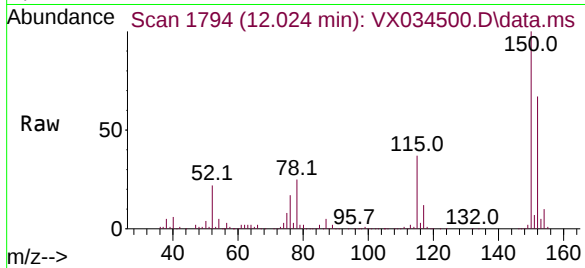




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX034500.D
 Acq: 15 Mar 2023 11:42

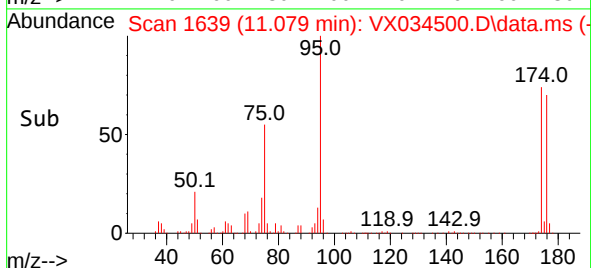
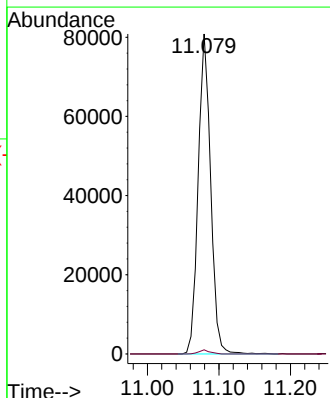
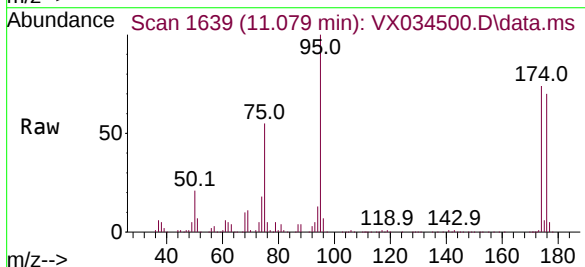
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230312

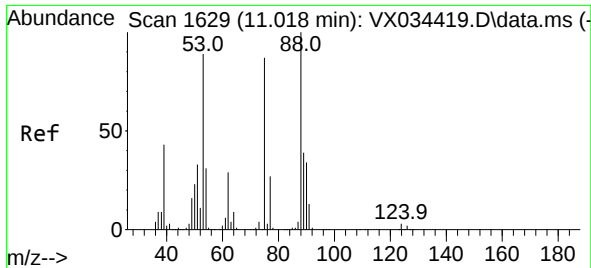
Tgt Ion:152 Resp: 153144
 Ion Ratio Lower Upper
 152 100
 115 60.0 45.0 135.0
 150 158.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.728 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034500.D
 Acq: 15 Mar 2023 11:42

Tgt Ion: 75 Resp: 97503
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.014 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034500.D
 Acq: 15 Mar 2023 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230312

Tgt Ion: 75 Resp: 97503
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

