

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032922.D
 Acq On : 18 Nov 2022 14:09
 Operator : JC/MD
 Sample : N5671-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20221115DL

Quant Time: Nov 19 03:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

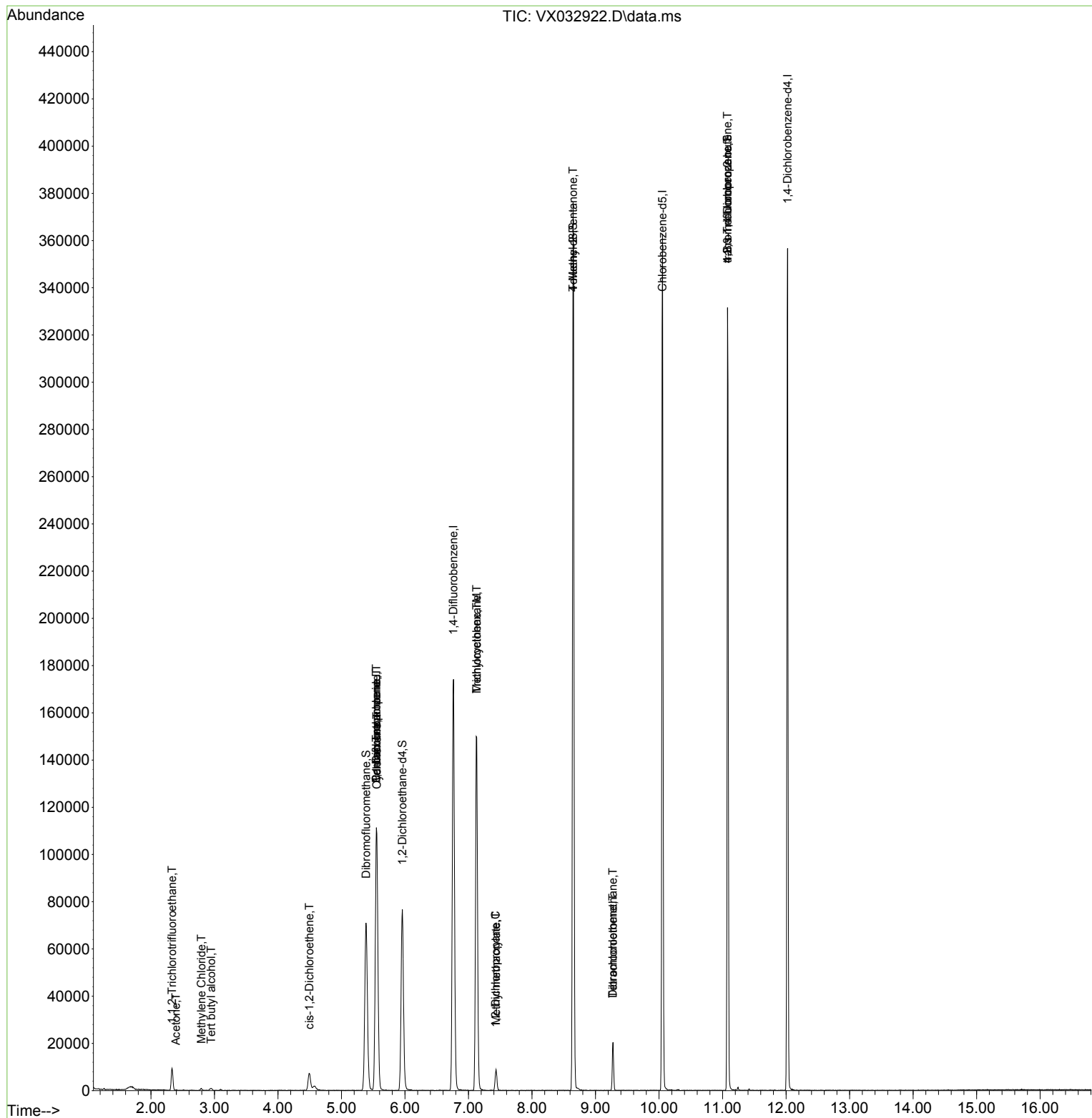
Internal Standards						
1) Pentafluorobenzene	5.550	168	106857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76858	51.765	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.520%
35) Dibromofluoromethane	5.385	113	60903	48.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	222468	50.427	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	83770	48.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	3546	3.091	ug/l	97
11) Tert butyl alcohol	2.947	59	650	3.008	ug/l #	72
16) Acetone	2.392	43	188	0.348	ug/l #	45
20) Methylene Chloride	2.794	84	400	0.323	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	4982	3.695	ug/l	87
31) Cyclohexane	5.556	56	2331	1.295	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	8235	4.661	ug/l #	46
38) Carbon Tetrachloride	5.550	117	11142	5.686	ug/l #	17
39) Methylcyclohexane	7.129	83	712	0.341	ug/l #	1
44) Trichloroethene	7.129	130	59086	41.981	ug/l	98
45) 1,2-Dichloropropane	7.427	63	3268	2.546	ug/l	95
48) Methyl methacrylate	7.434	41	2105	1.443	ug/l #	38
51) 4-Methyl-2-Pentanone	8.647	43	1028	0.578	ug/l #	1
60) Dibromochloromethane	9.275	129	3752	2.501	ug/l #	11
64) Tetrachloroethene	9.275	164	3639	3.083	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	44936	28.223	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44936	89.805	ug/l #	6

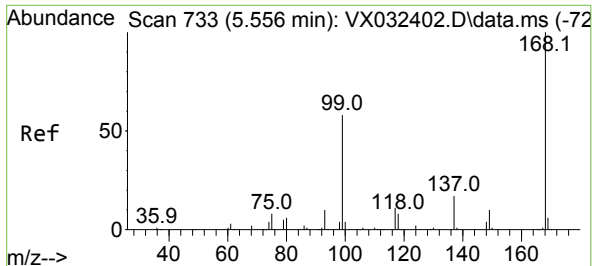
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
Data File : VX032922.D
Acq On : 18 Nov 2022 14:09
Operator : JC/MD
Sample : N5671-03DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

Quant Time: Nov 19 03:05:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

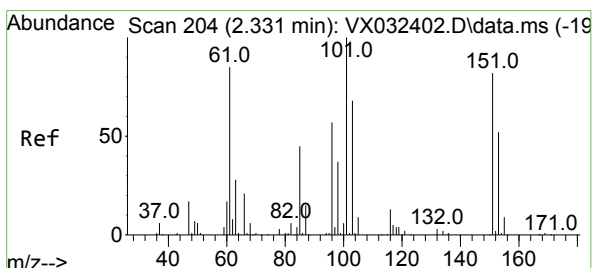
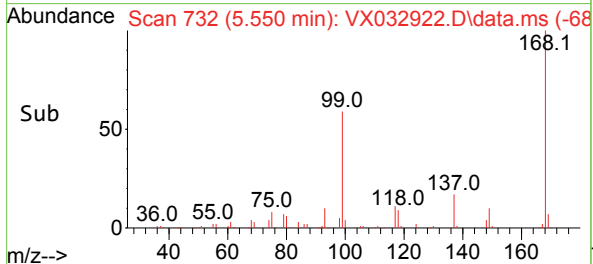
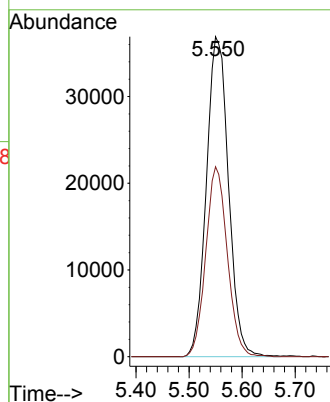
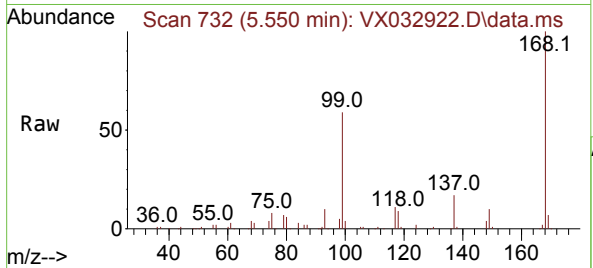




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

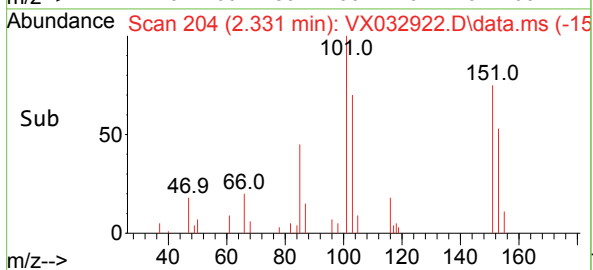
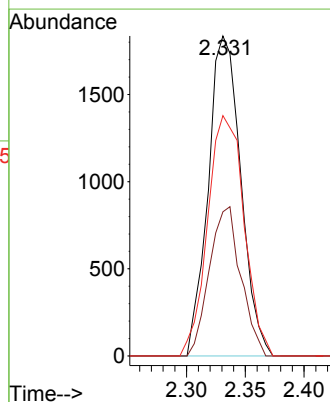
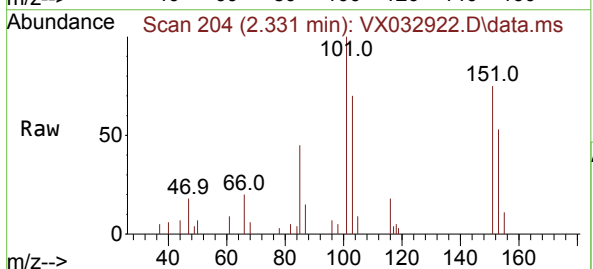
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

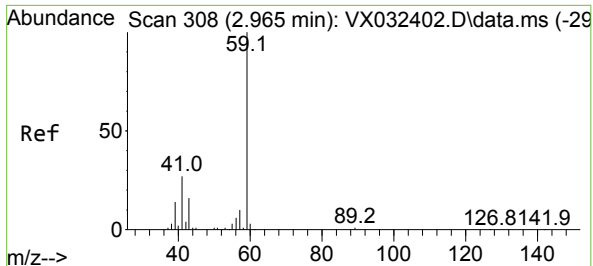
Tgt Ion:168 Resp: 106857
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.091 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion:101 Resp: 3546
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 83.8 64.4 96.6





#11

Tert butyl alcohol

Concen: 3.008 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032922.D

Acq: 18 Nov 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

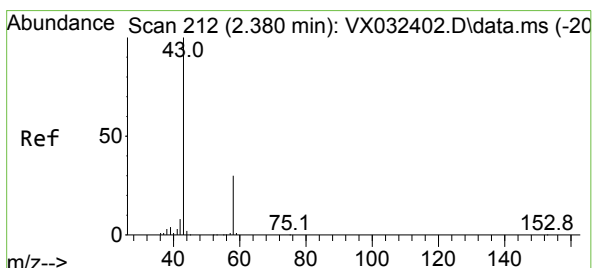
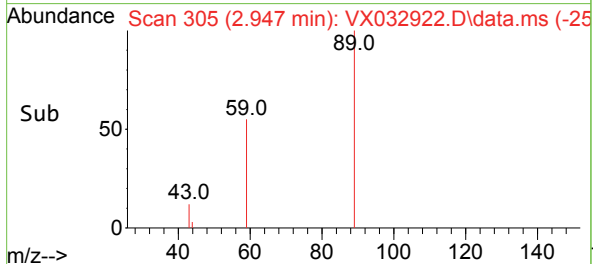
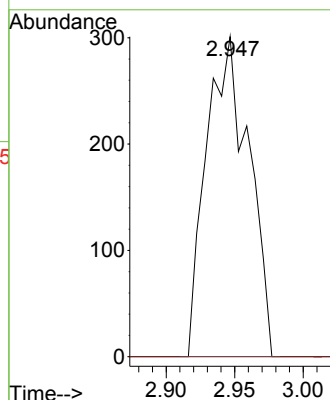
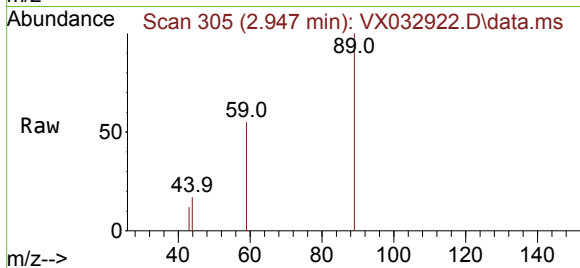
MW17811-20221115DL

Tgt Ion: 59 Resp: 650

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.348 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032922.D

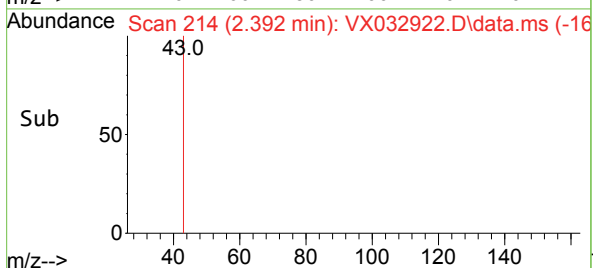
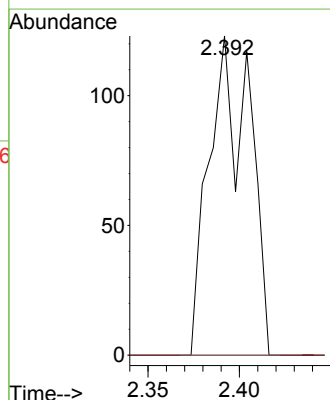
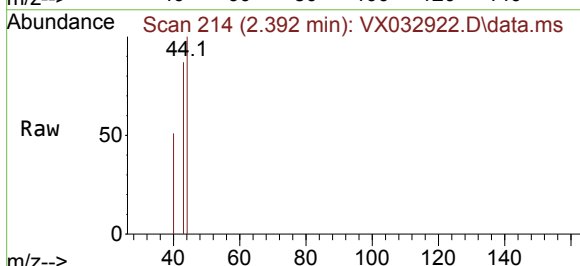
Acq: 18 Nov 2022 14:09

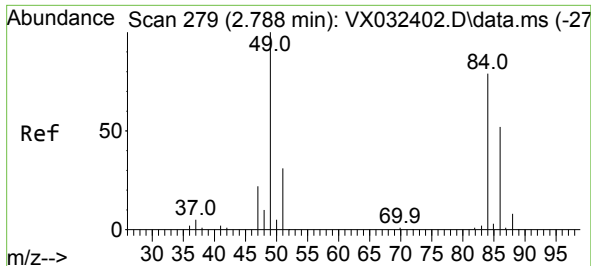
Tgt Ion: 43 Resp: 188

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

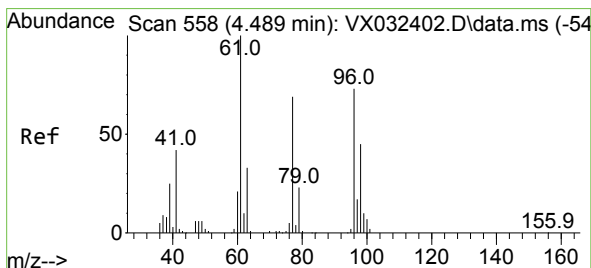
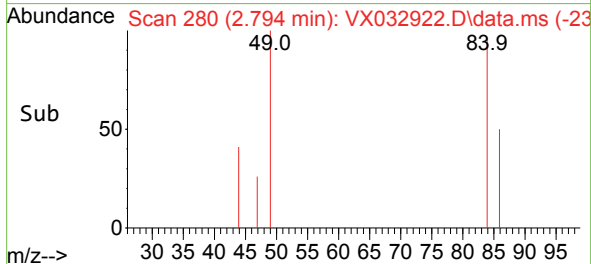
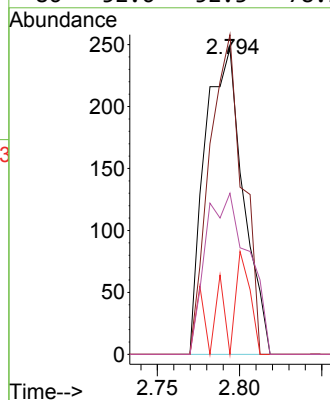
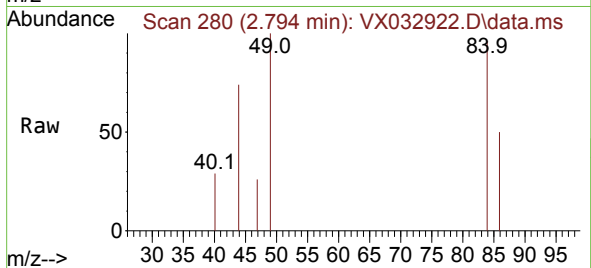




#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

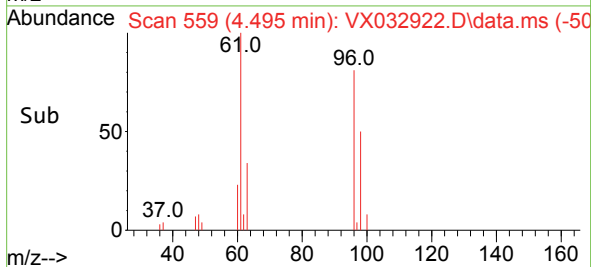
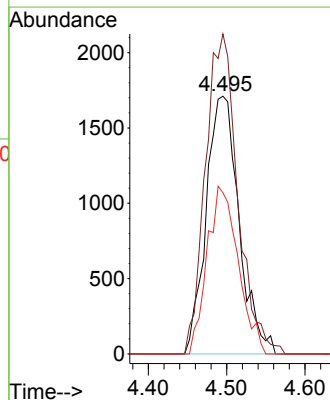
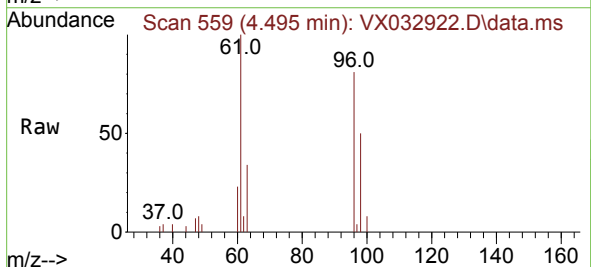
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

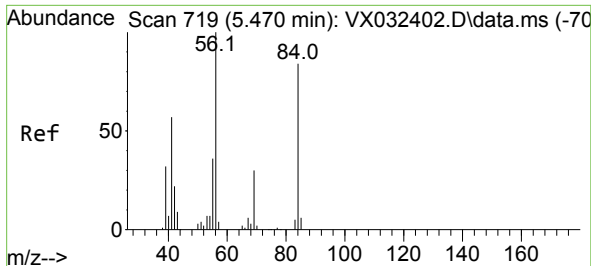
Tgt Ion:	84	Resp:	400
Ion	Ratio	Lower	Upper
84	100		
49	104.5	101.0	151.6
51	0.0	31.1	46.7#
86	52.6	52.3	78.5



#27
cis-1,2-Dichloroethene
Concen: 3.695 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion:	96	Resp:	4982
Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	286.0
98	61.4	0.0	129.6

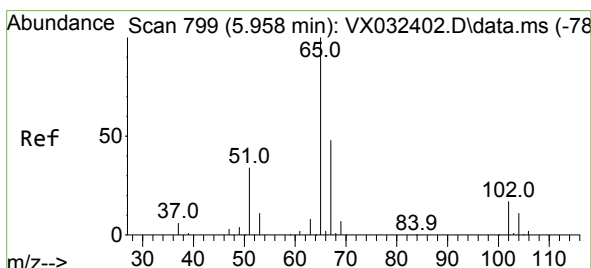
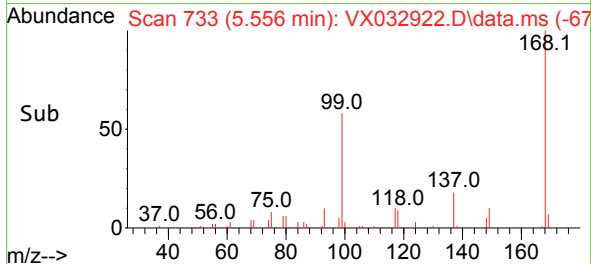
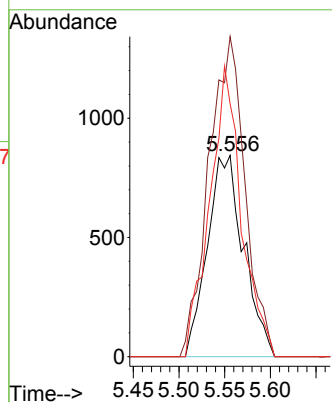
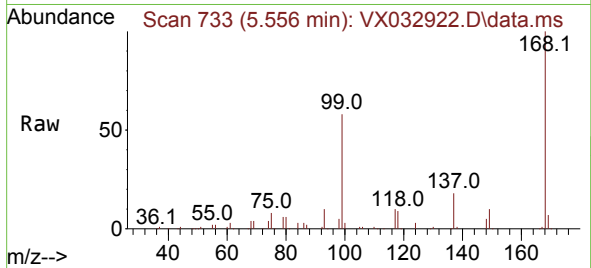




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

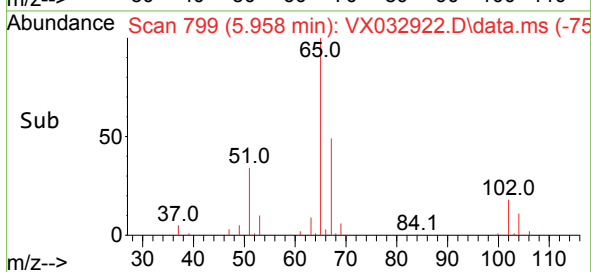
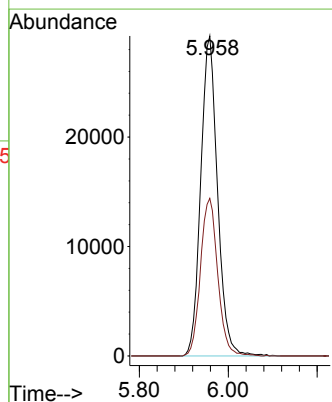
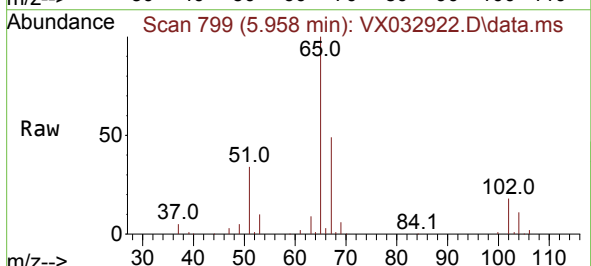
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

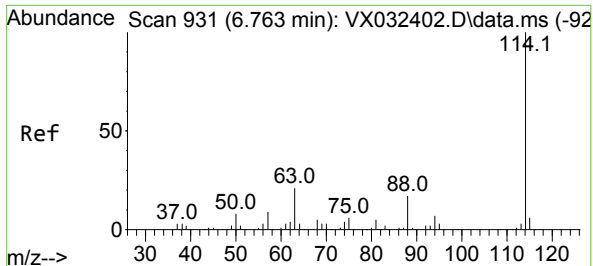
Tgt Ion: 56 Resp: 2331
Ion Ratio Lower Upper
56 100
69 159.0 24.1 36.1#
84 125.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.765 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 65 Resp: 76858
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

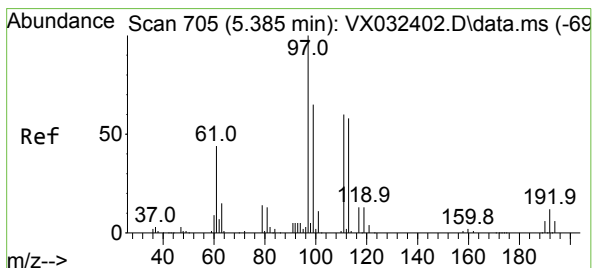
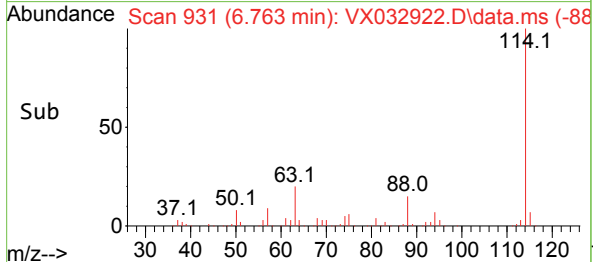
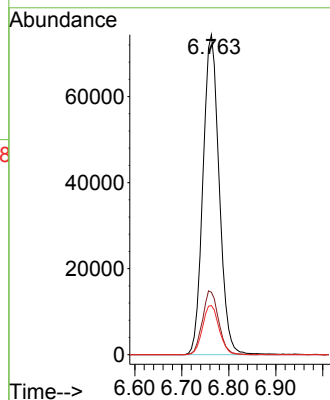
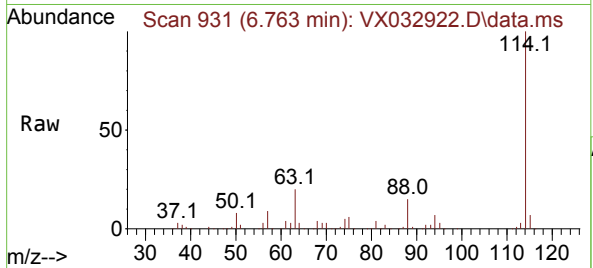




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

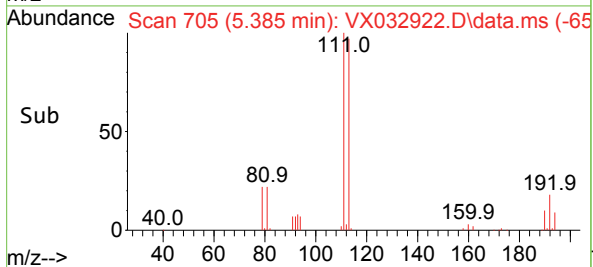
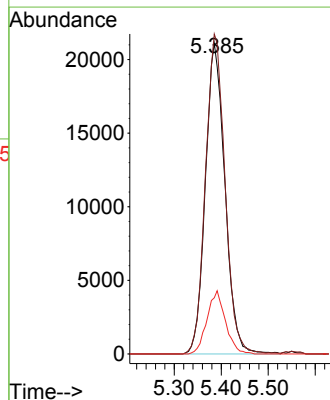
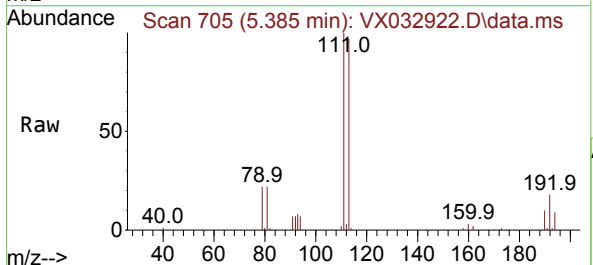
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

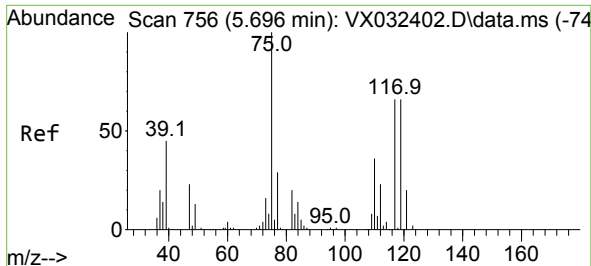
Tgt Ion:114 Resp: 177866
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion:113 Resp: 60903
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.2 15.4 23.2

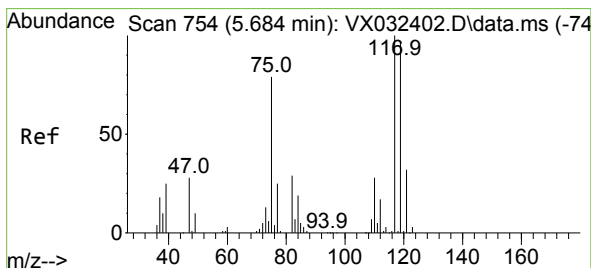
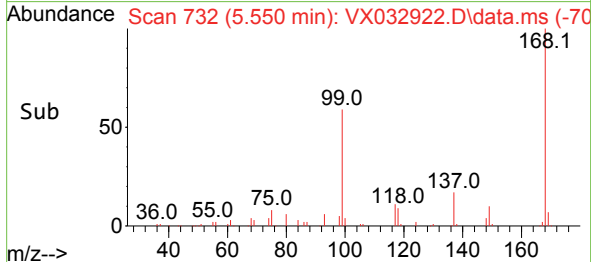
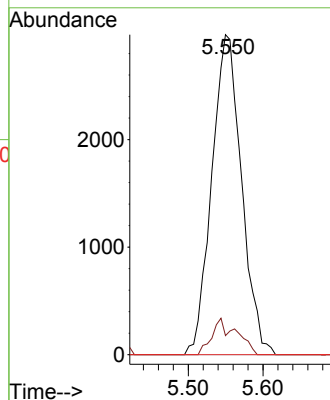
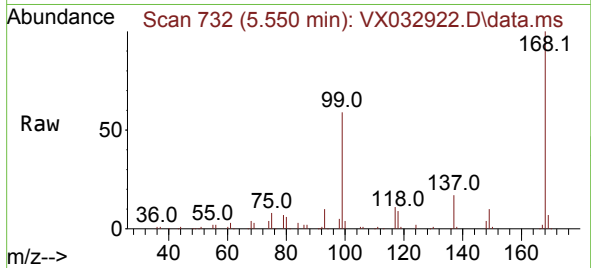




#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

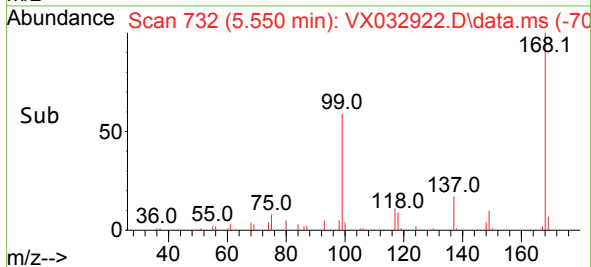
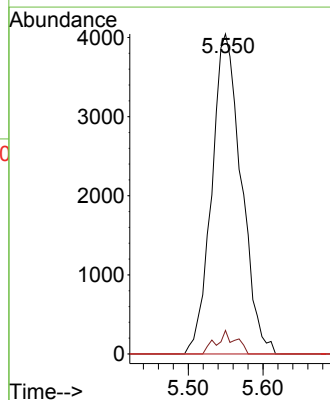
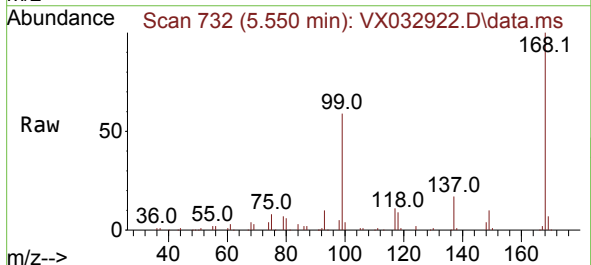
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

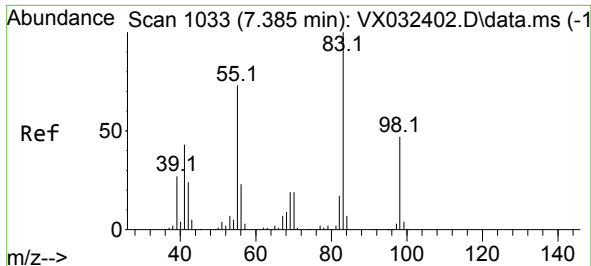
Tgt Ion: 75 Resp: 8235
Ion Ratio Lower Upper
75 100
110 6.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 117 Resp: 11142
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 25.8 38.6#

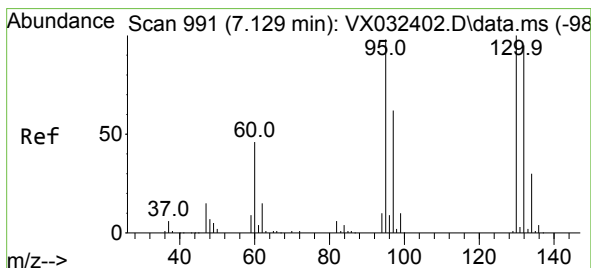
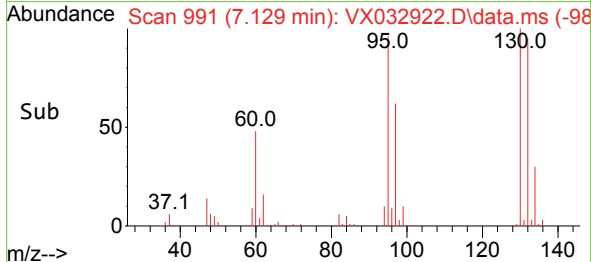
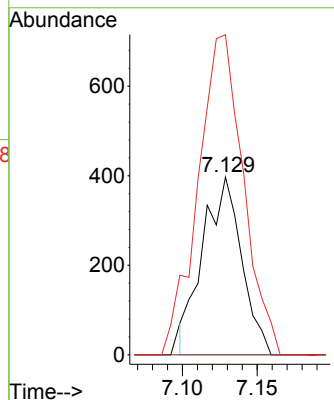
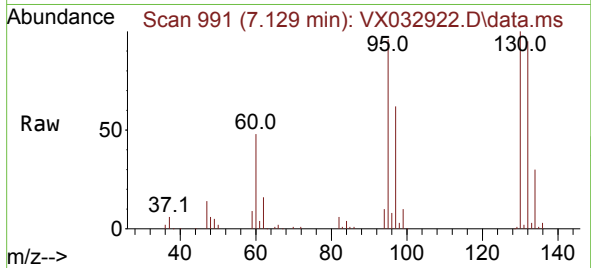




#39
Methylcyclohexane
Concen: 0.341 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

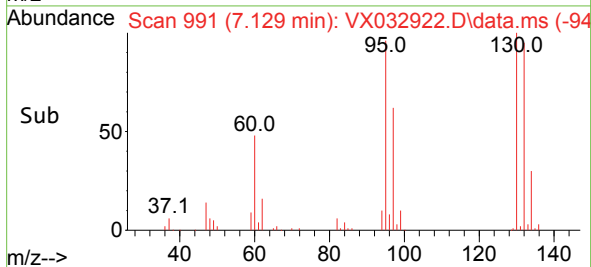
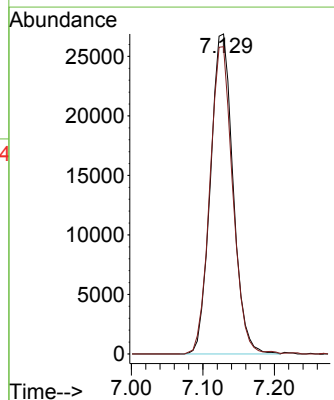
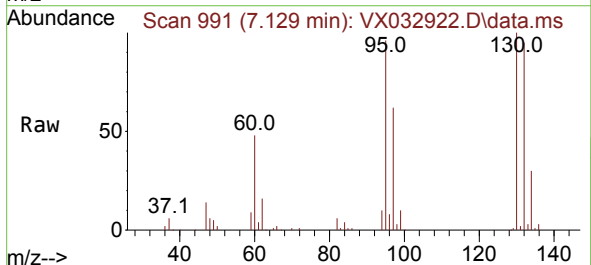
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

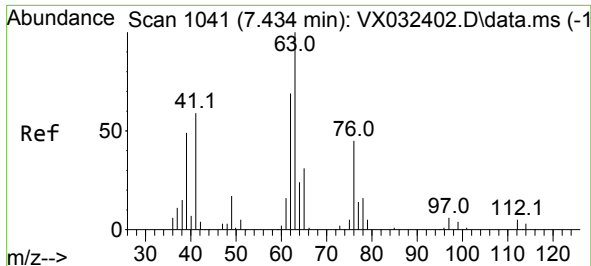
Tgt Ion: 83 Resp: 712
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 180.1 37.2 55.8#



#44
Trichloroethene
Concen: 41.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion:130 Resp: 59086
Ion Ratio Lower Upper
130 100
95 96.0 0.0 195.2

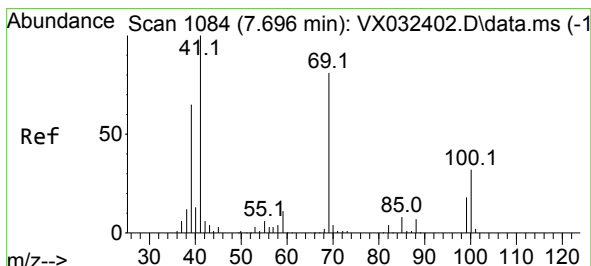
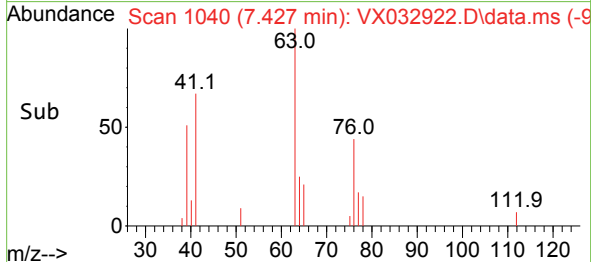
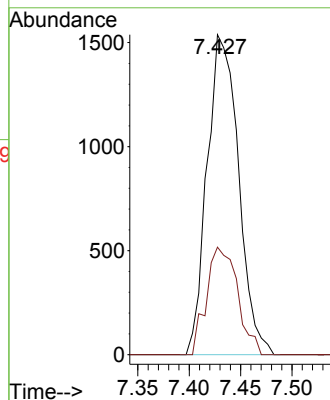
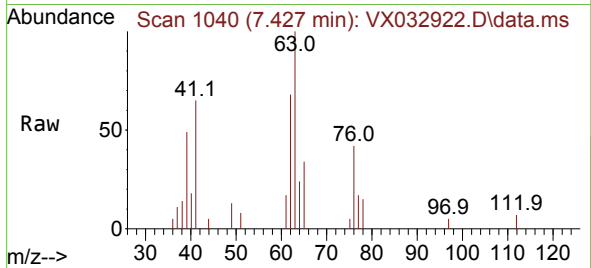




#45
1,2-Dichloropropane
Concen: 2.546 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

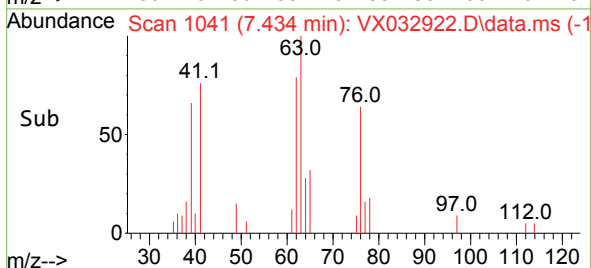
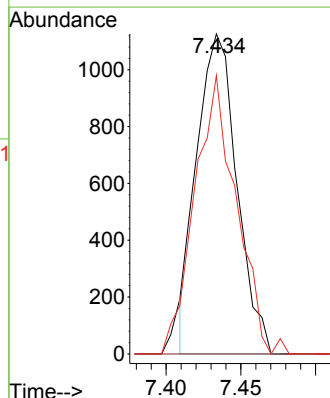
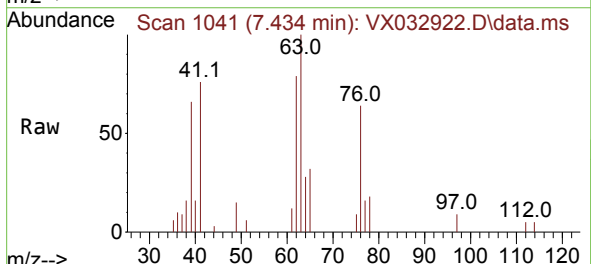
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

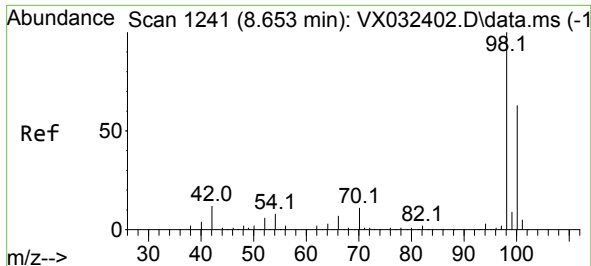
Tgt Ion: 63 Resp: 3268
Ion Ratio Lower Upper
63 100
65 33.6 24.6 36.8



#48
Methyl methacrylate
Concen: 1.443 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.262 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 41 Resp: 2105
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 85.3 51.9 77.9#

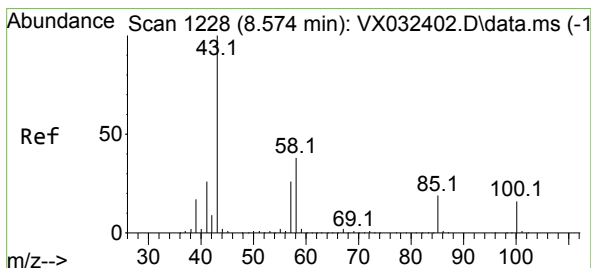
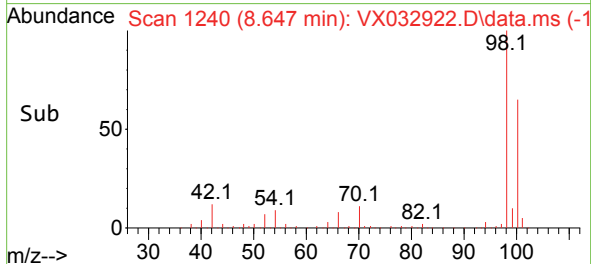
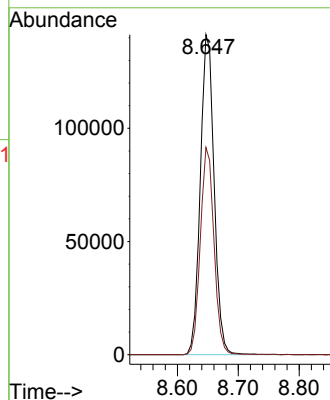
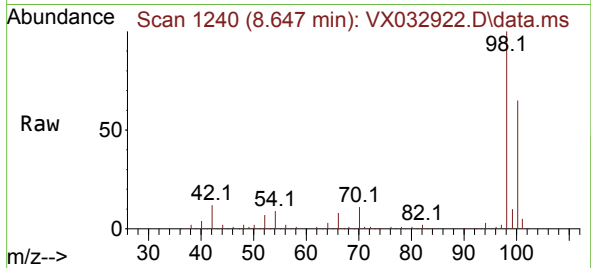




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

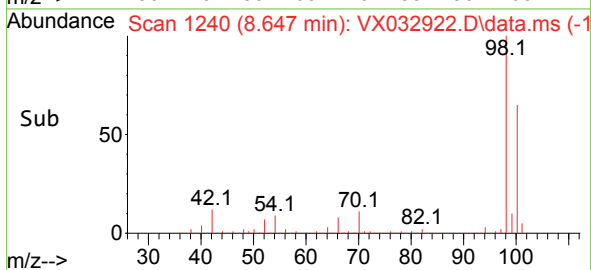
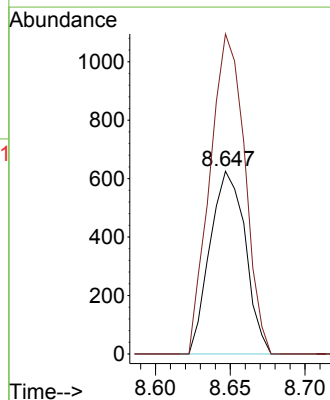
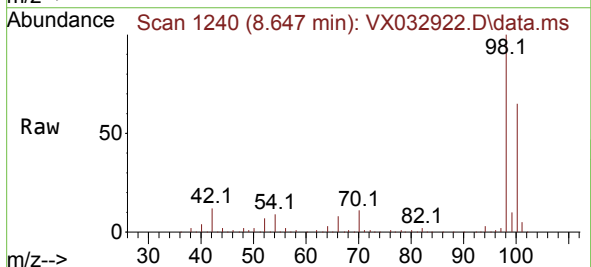
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

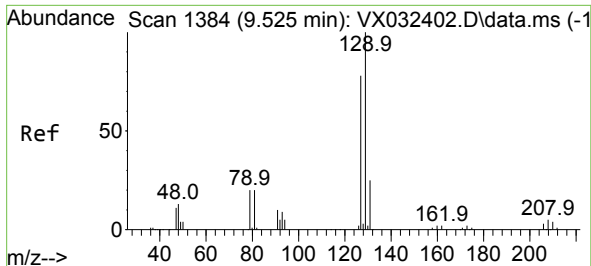
Tgt Ion: 98 Resp: 222468
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 172.7 30.9 46.3#

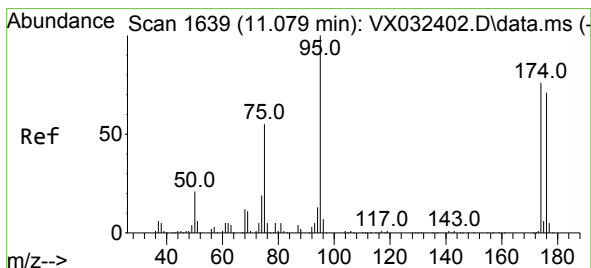
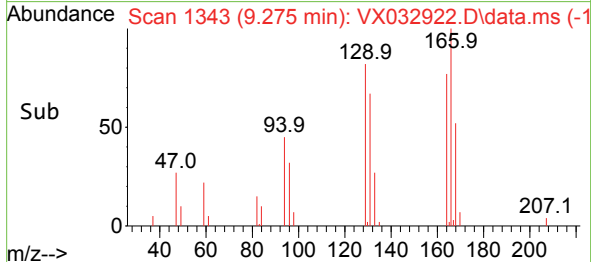
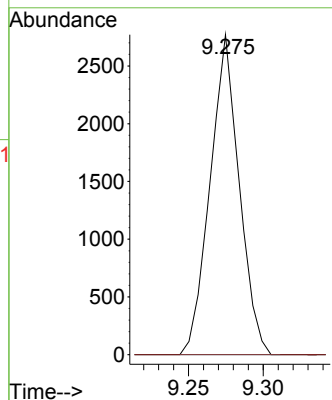
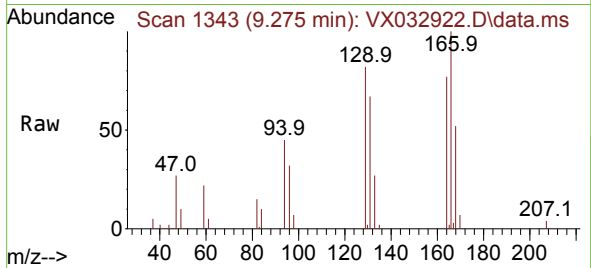




#60
Dibromochloromethane
Concen: 2.501 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

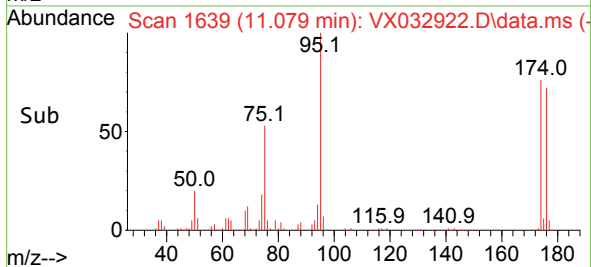
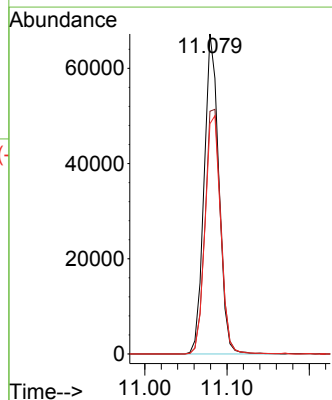
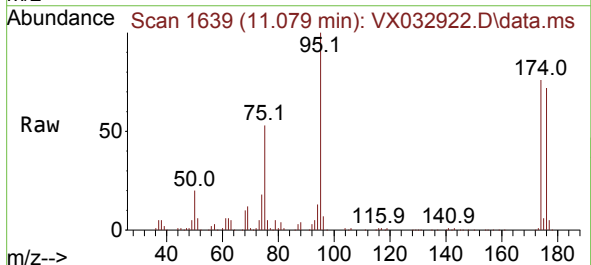
Instrument :
MSVOA_X
ClientSampleId :
MW178I1-20221115DL

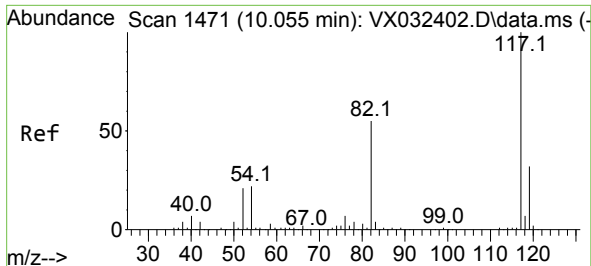
Tgt Ion:129 Resp: 3752
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 95 Resp: 83770
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 79.1 0.0 154.4

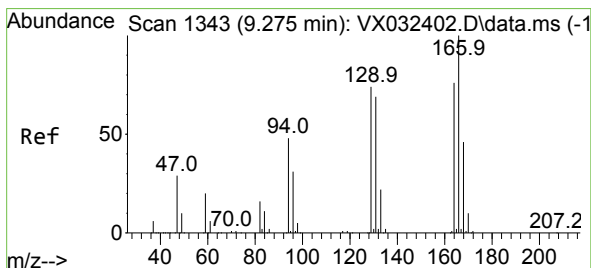
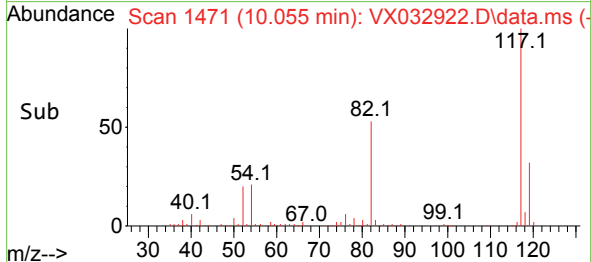
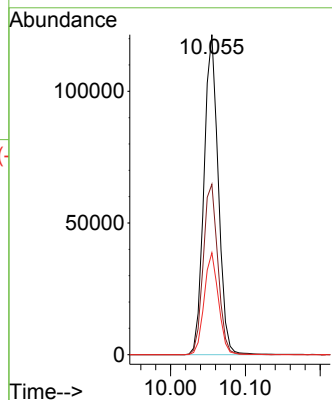
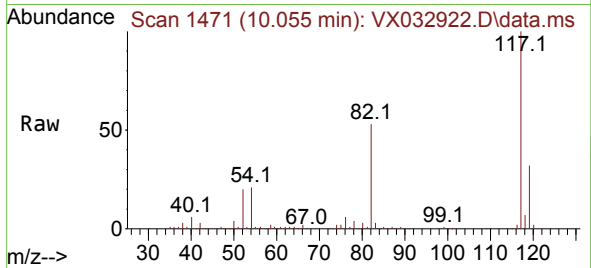




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

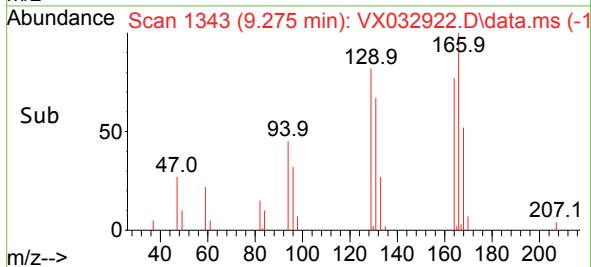
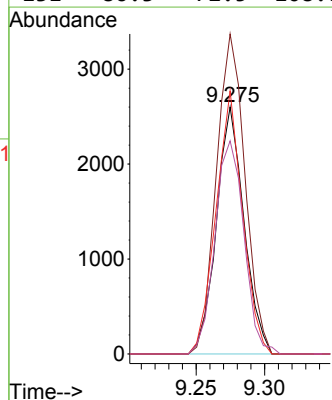
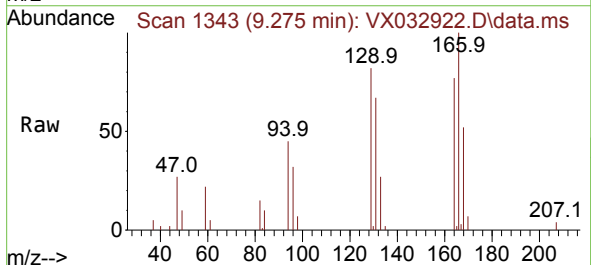
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

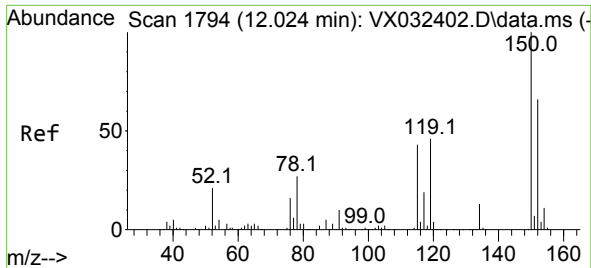
Tgt Ion:117 Resp: 161250
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 3.083 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion:164 Resp: 3639
Ion Ratio Lower Upper
164 100
166 129.6 105.4 158.2
129 106.5 78.2 117.2
131 86.3 72.5 108.7

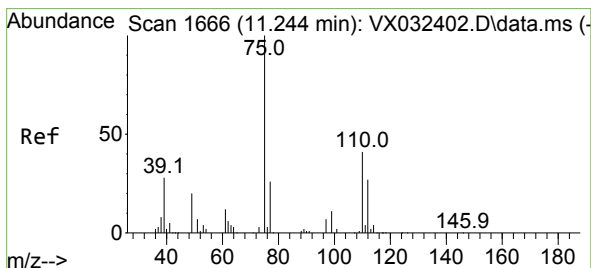
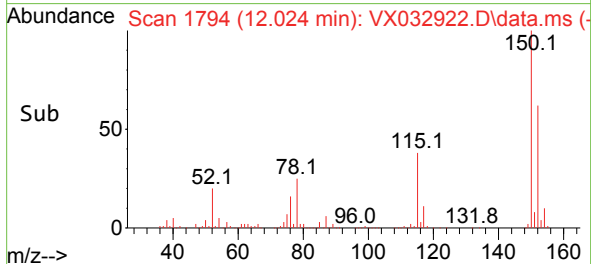
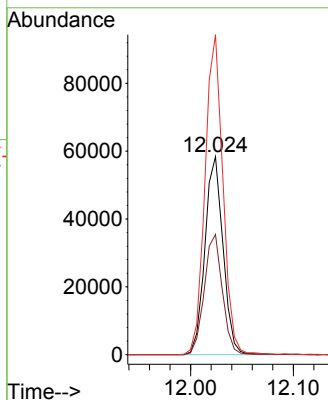
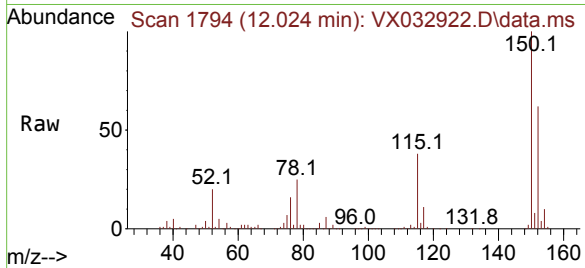




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

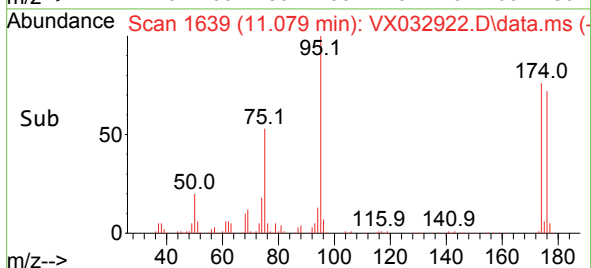
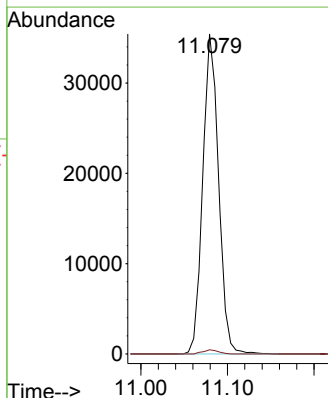
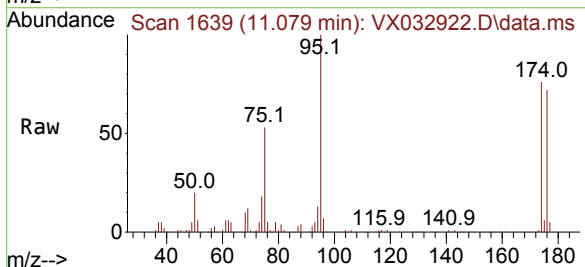
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20221115DL

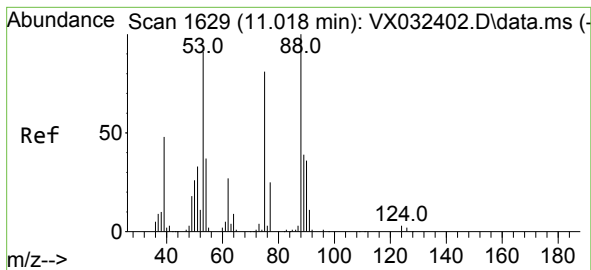
Tgt Ion:152 Resp: 71567
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 159.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032922.D
Acq: 18 Nov 2022 14:09

Tgt Ion: 75 Resp: 44936
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.805 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032922.D
 Acq: 18 Nov 2022 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I1-20221115DL

Tgt Ion: 75 Resp: 44936
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

