

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024010.D
 Acq On : 30 Aug 2021 13:31
 Operator : JC/MD
 Sample : M3561-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUII-E

Quant Time: Aug 31 03:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

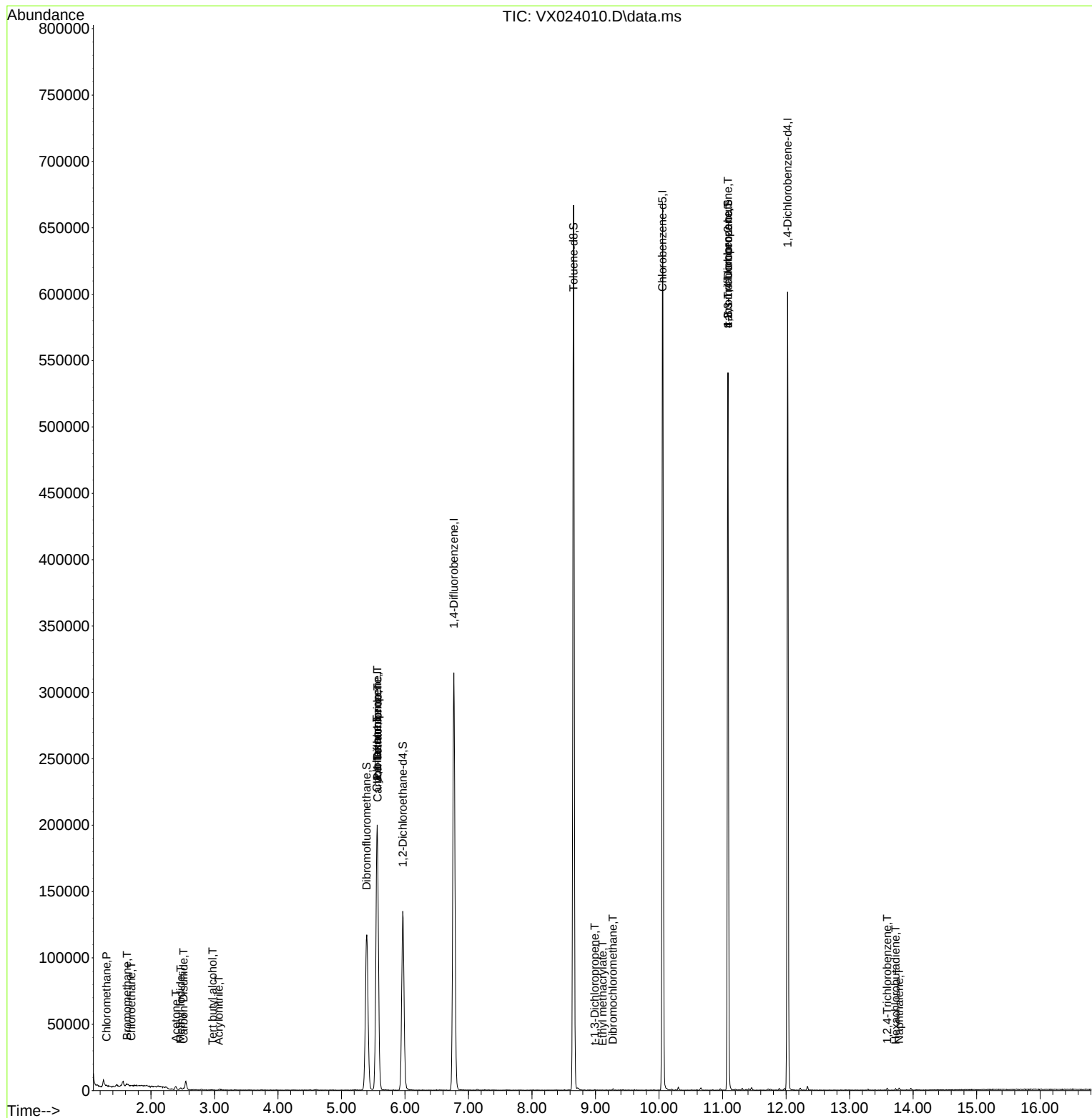
Internal Standards						
1) Pentafluorobenzene	5.562	168	182792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	309174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132973	52.122	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.240%	
35) Dibromofluoromethane	5.397	113	103158	50.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	8.653	98	380130	48.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	11.085	95	138440	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	491	0.232	ug/l	94
5) Bromomethane	1.624	94	992	0.764	ug/l	95
6) Chloroethane	1.691	64	807	2.664	ug/l #	43
10) Methyl Iodide	2.465	142	1849	0.724	ug/l #	89
11) Tert butyl alcohol	2.971	59	129	0.250	ug/l #	73
15) Acrylonitrile	3.069	53	283	0.246	ug/l #	88
16) Acetone	2.392	43	2931	2.569	ug/l #	72
17) Carbon Disulfide	2.514	76	1633	0.390	ug/l	98
31) Cyclohexane	5.556	56	4217	1.287	ug/l #	6
36) 1,1-Dichloropropene	5.562	75	14732	5.145	ug/l #	48
38) Carbon Tetrachloride	5.568	117	19014	6.368	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	205	2.191	ug/l #	44
56) Ethyl methacrylate	9.110	69	61	0.775	ug/l #	64
60) Dibromochloromethane	9.275	129	188	1.761	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	73706	25.964	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	73706	76.375	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	555	0.230	ug/l	92
94) Hexachlorobutadiene	13.725	225	252	0.234	ug/l	81
95) Naphthalene	13.780	128	1081	1.401	ug/l	97

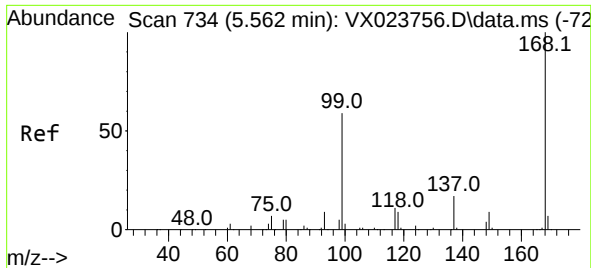
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
Data File : VX024010.D
Acq On : 30 Aug 2021 13:31
Operator : JC/MD
Sample : M3561-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUII-E

Quant Time: Aug 31 03:10:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

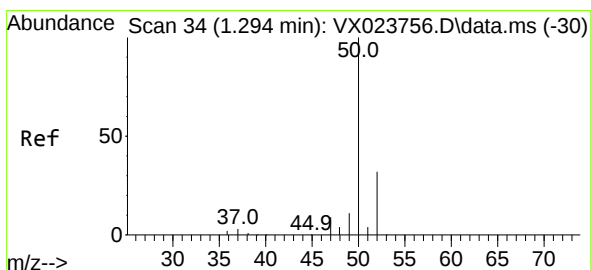
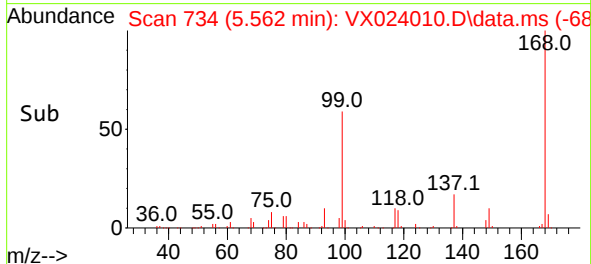
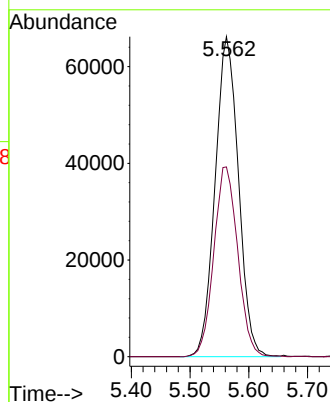
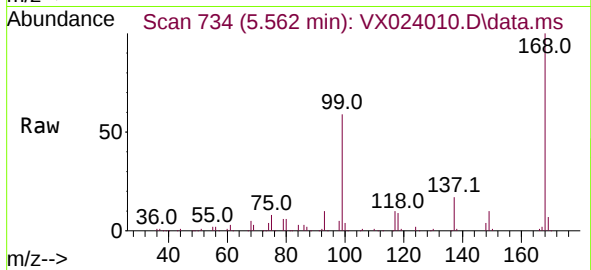




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

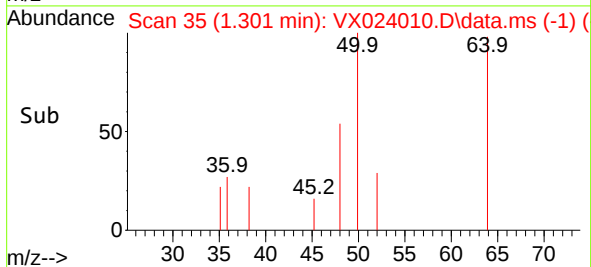
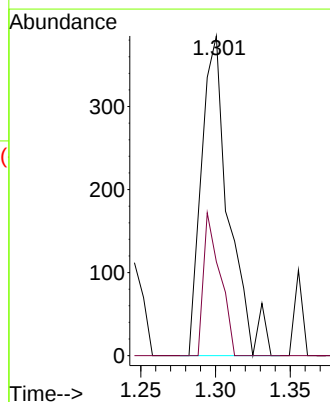
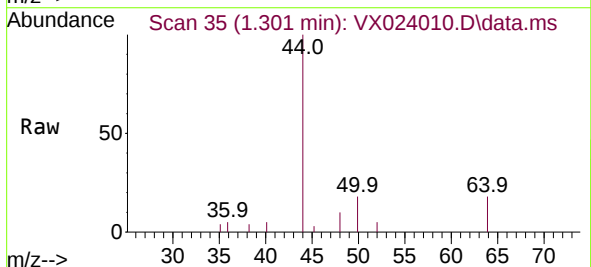
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

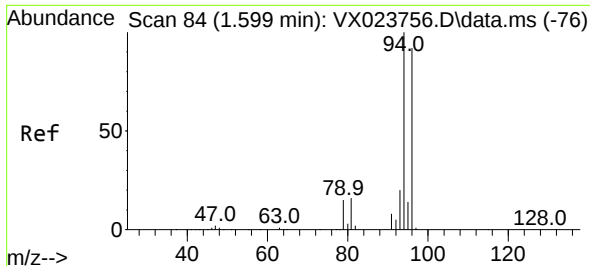
Tgt Ion:168 Resp: 182792
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 29.4 26.4 39.6

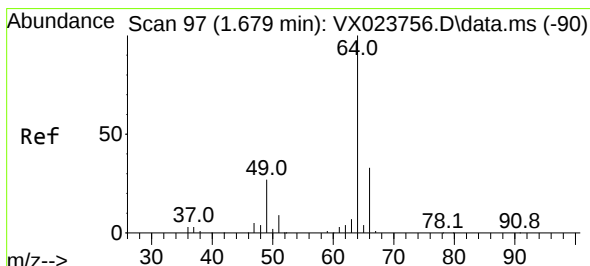
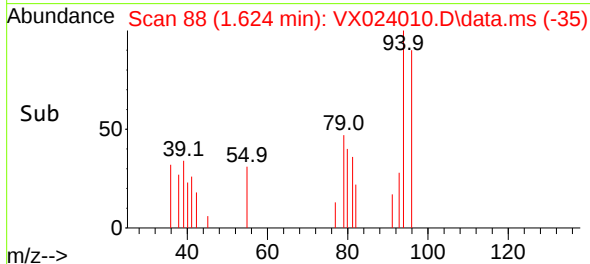
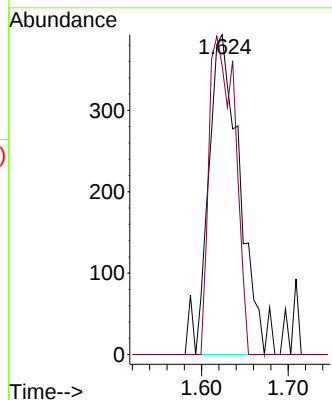
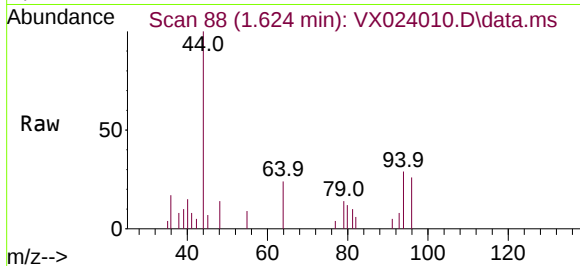




#5
Bromomethane
Concen: 0.764 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

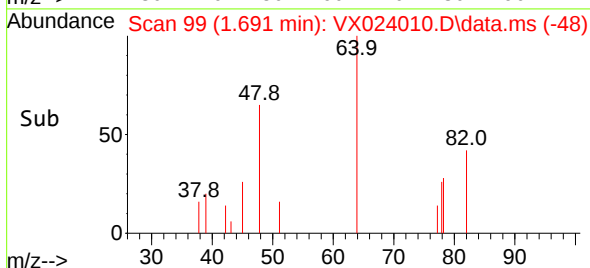
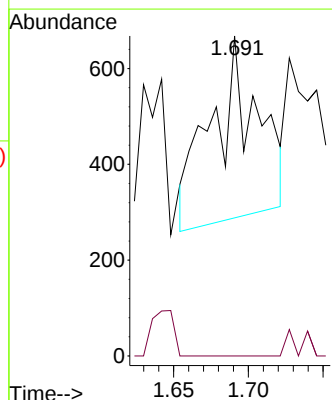
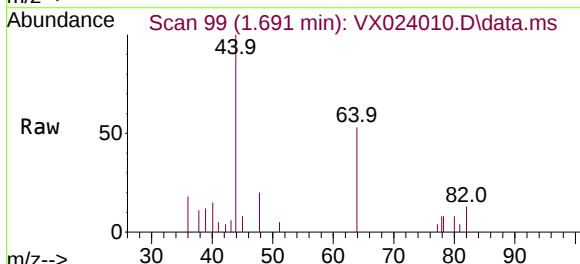
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

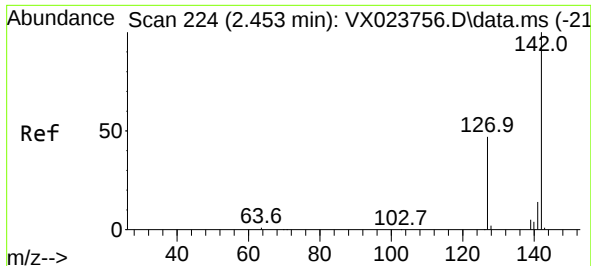
Tgt Ion: 94 Resp: 992
Ion Ratio Lower Upper
94 100
96 90.3 76.4 114.6



#6
Chloroethane
Concen: 2.664 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 64 Resp: 807
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

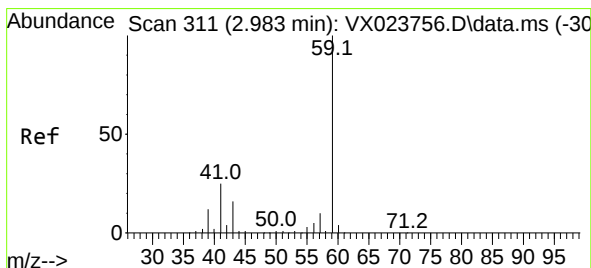
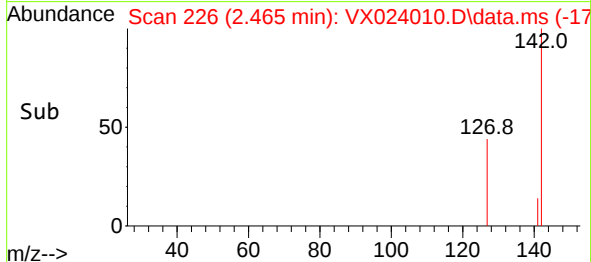
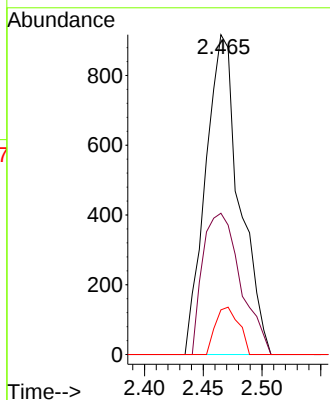
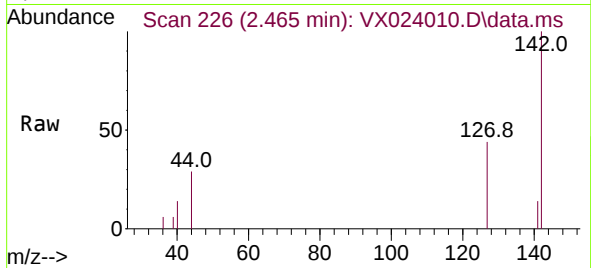




#10
Methyl Iodide
Concen: 0.724 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

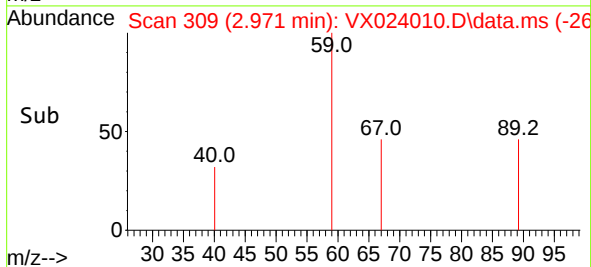
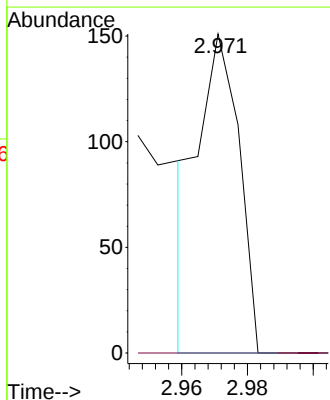
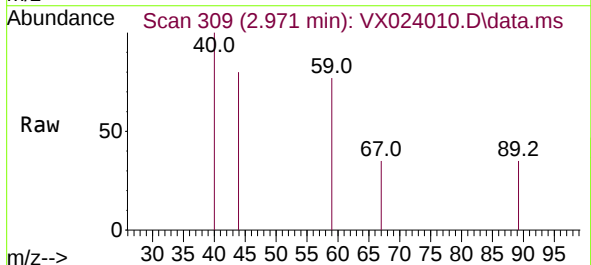
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

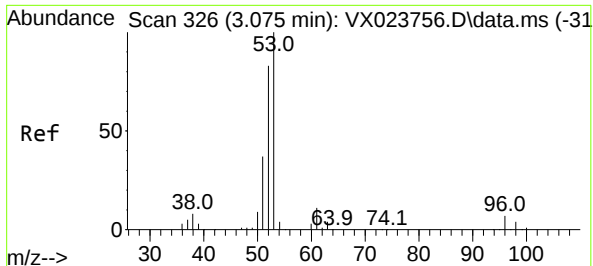
Tgt Ion:142 Resp: 1849
Ion Ratio Lower Upper
142 100
127 49.1 33.3 49.9
141 10.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.250 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

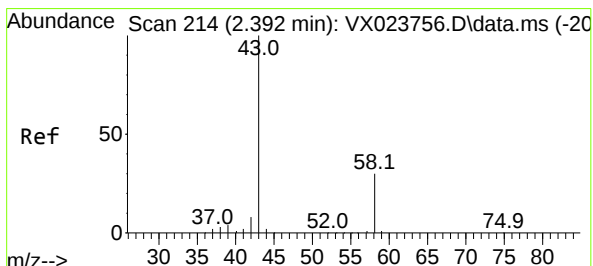
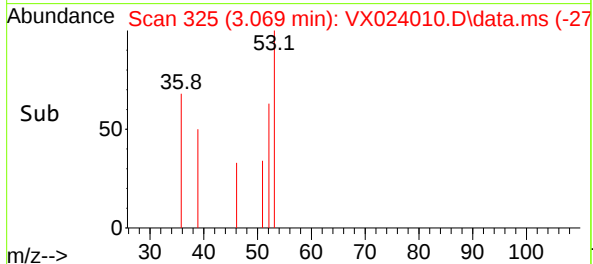
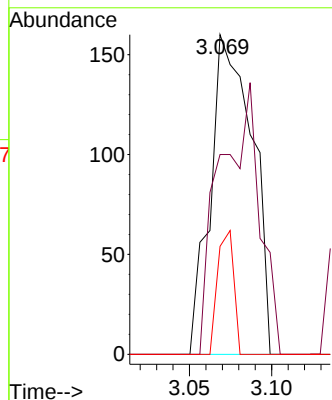
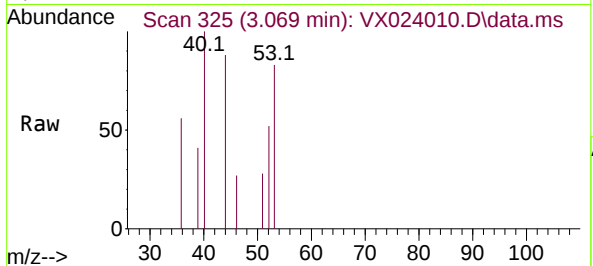




#15
Acrylonitrile
Concen: 0.246 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

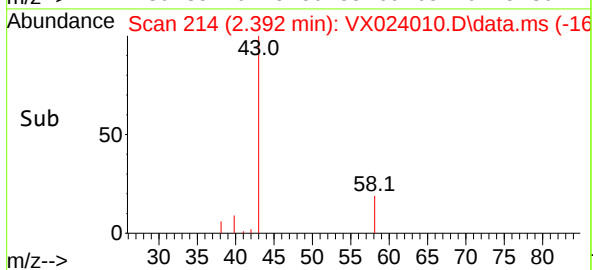
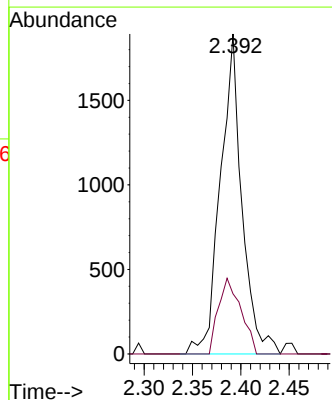
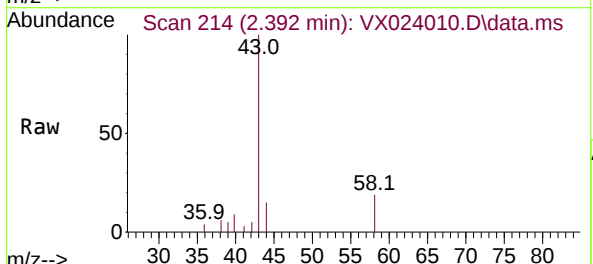
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

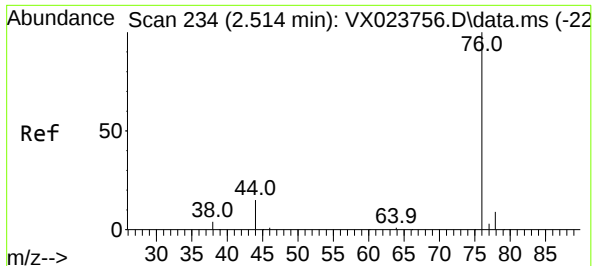
Tgt Ion: 53	Resp:	283
Ion	Ratio	Lower Upper
53	100	
52	79.9	65.3 97.9
51	14.8	28.2 42.2#



#16
Acetone
Concen: 2.569 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 43	Resp:	2931
Ion	Ratio	Lower Upper
43	100	
58	18.8	27.8 41.8#

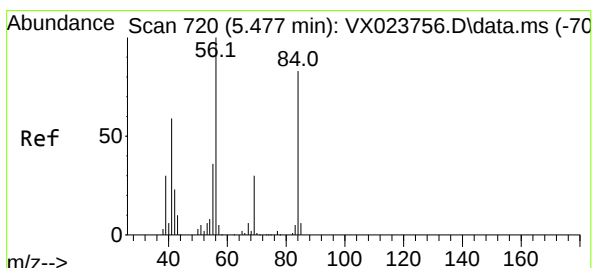
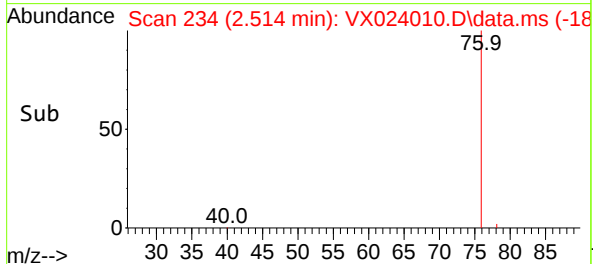
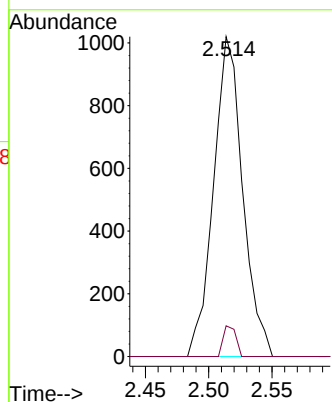
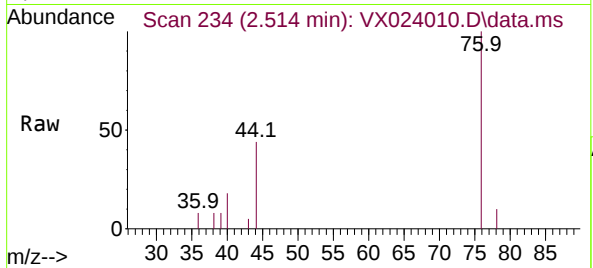




#17
Carbon Disulfide
Concen: 0.390 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

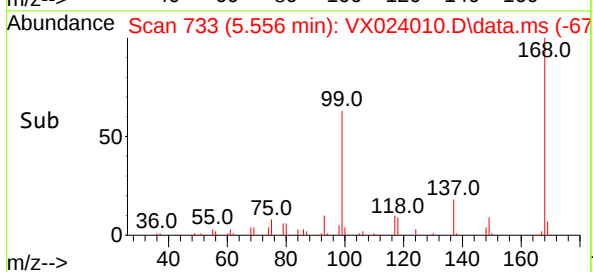
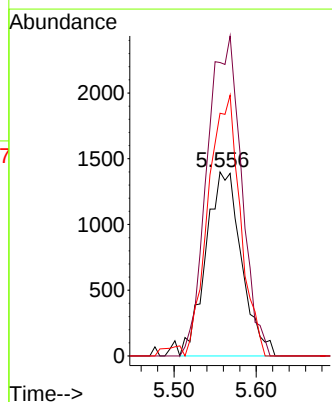
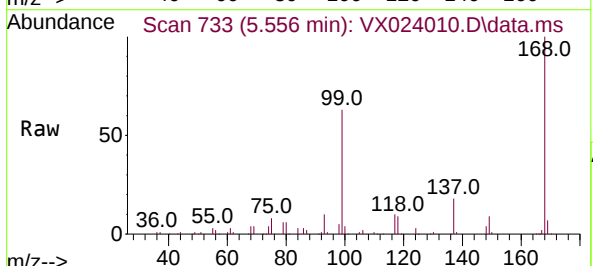
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

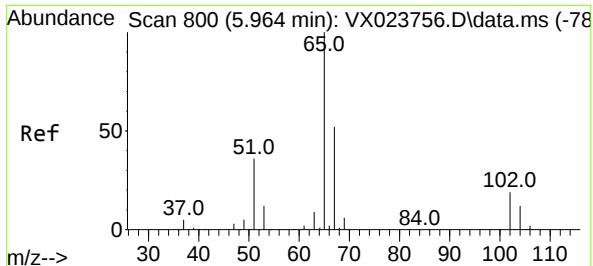
Tgt Ion: 76 Resp: 1633
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 56 Resp: 4217
Ion Ratio Lower Upper
56 100
69 159.5 25.3 37.9#
84 132.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.122 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024010.D

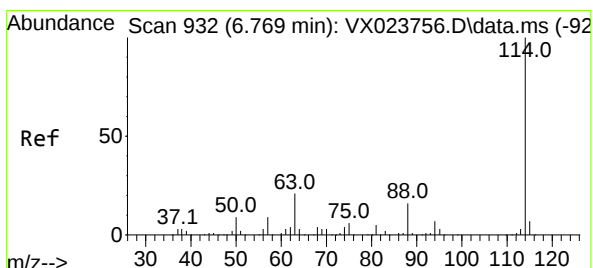
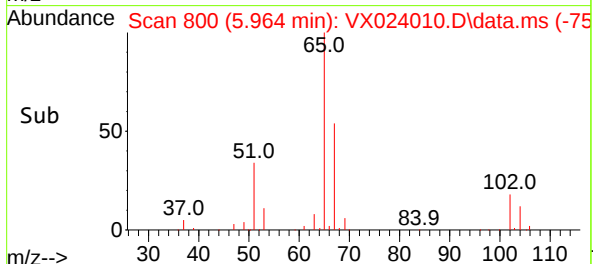
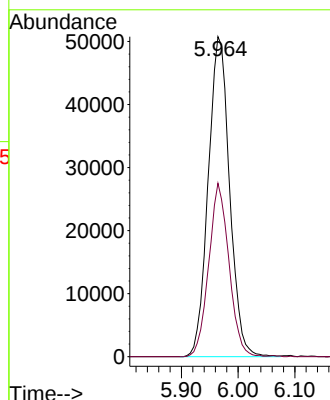
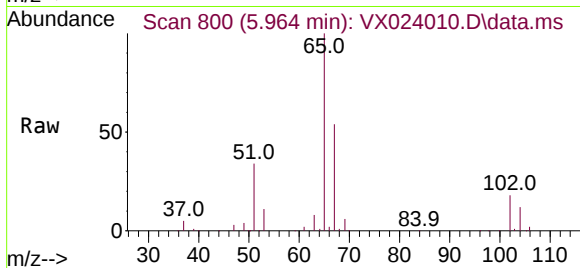
Acq: 30 Aug 2021 13:31

Tgt Ion: 65 Resp: 132973

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024010.D

Acq: 30 Aug 2021 13:31

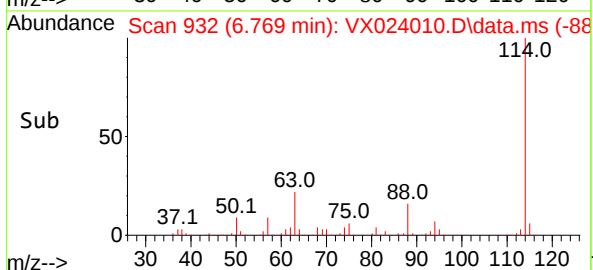
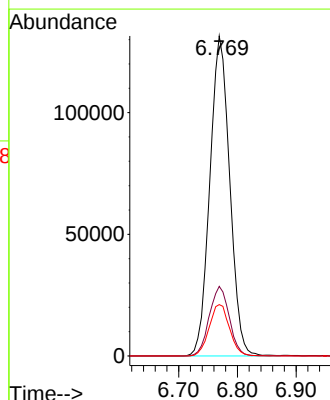
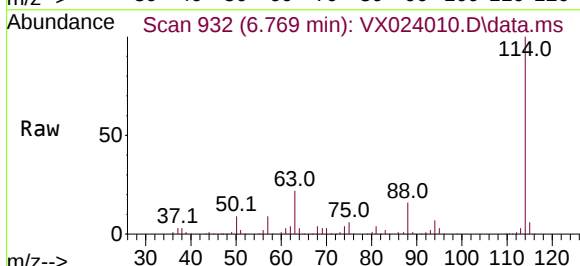
Tgt Ion: 114 Resp: 309174

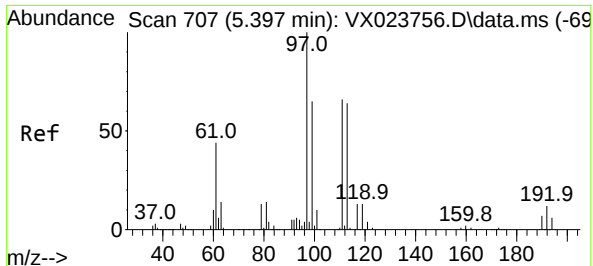
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.411 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024010.D

Acq: 30 Aug 2021 13:31

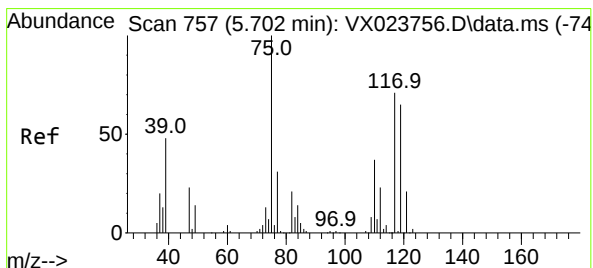
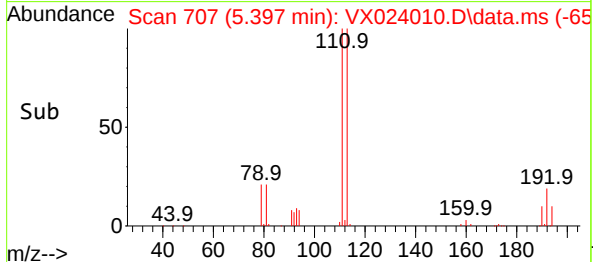
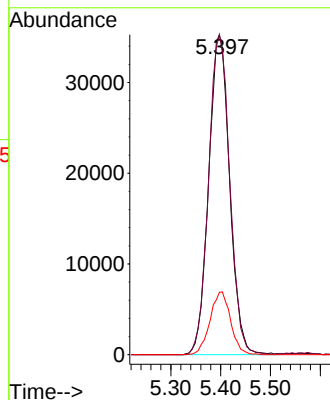
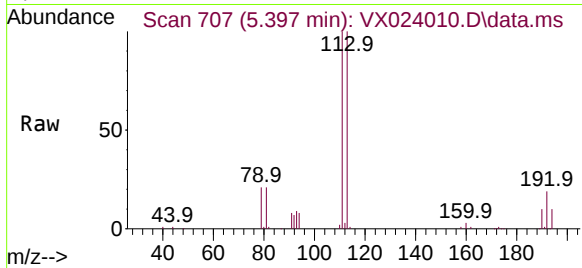
Tgt Ion:113 Resp: 103158

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.145 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024010.D

Acq: 30 Aug 2021 13:31

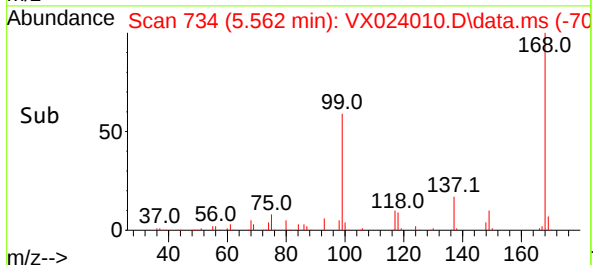
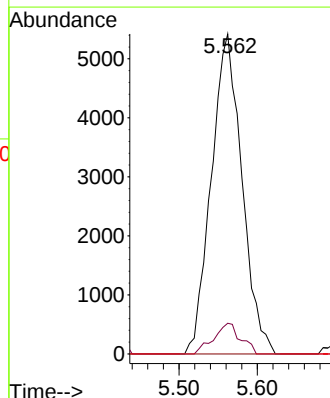
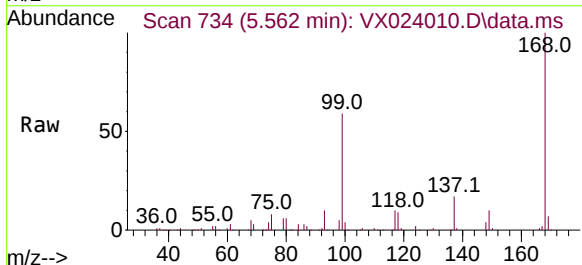
Tgt Ion: 75 Resp: 14732

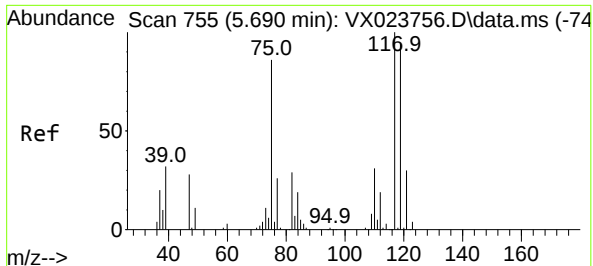
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

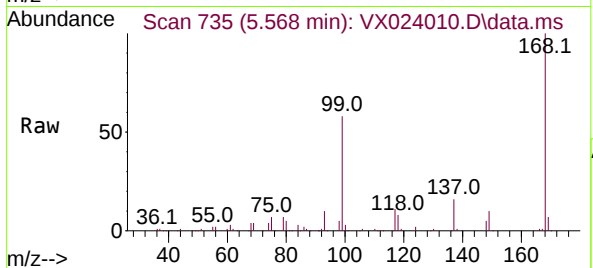
77 0.0 25.3 37.9#



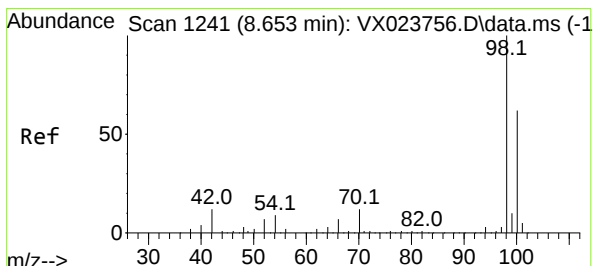
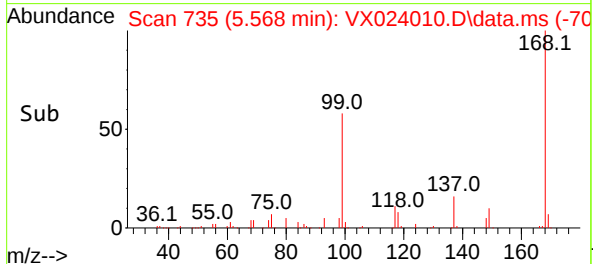
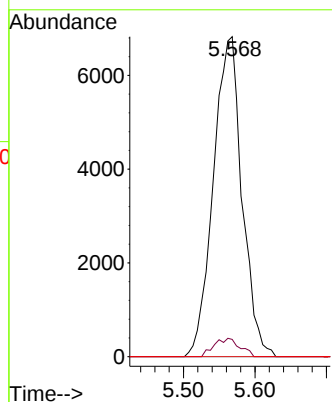


#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :
OUII-E

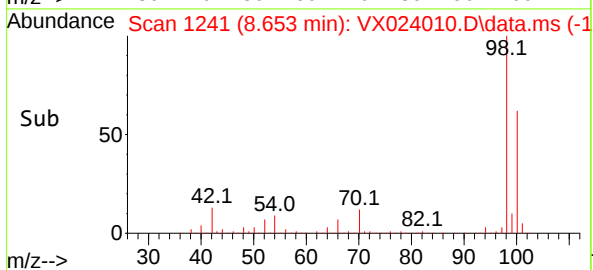
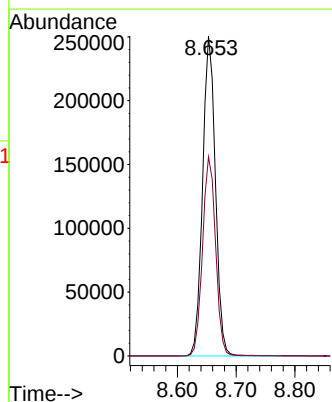
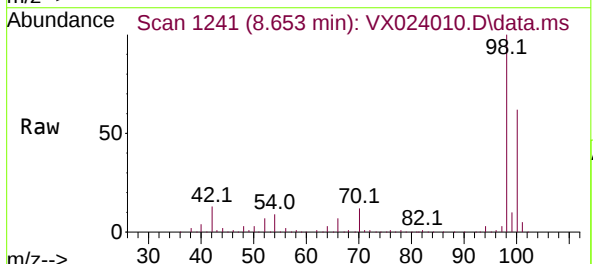


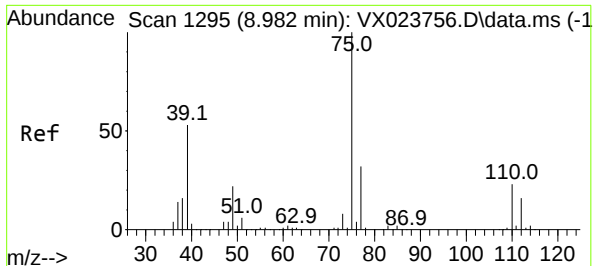
Tgt Ion:117 Resp: 19014
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 98 Resp: 380130
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

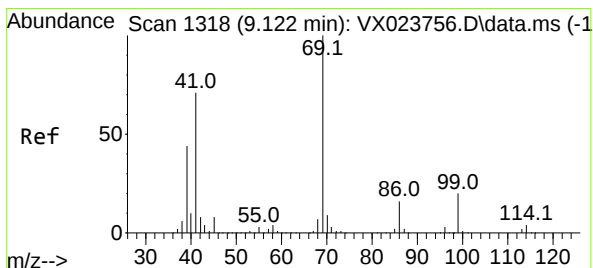
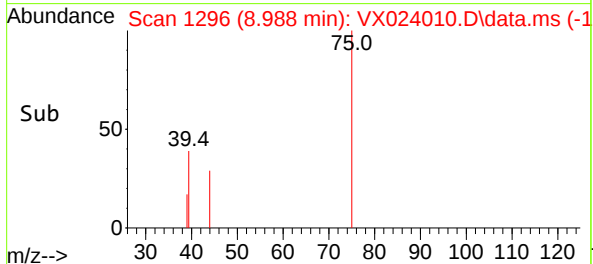
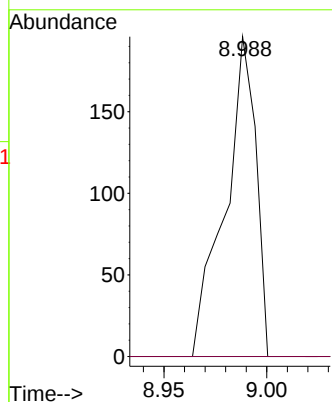
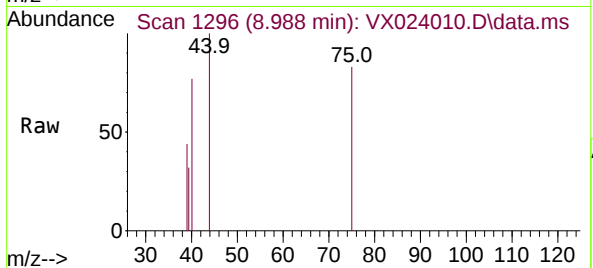




#53
t-1,3-Dichloropropene
Concen: 2.191 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

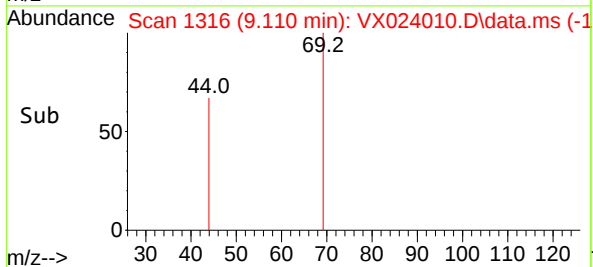
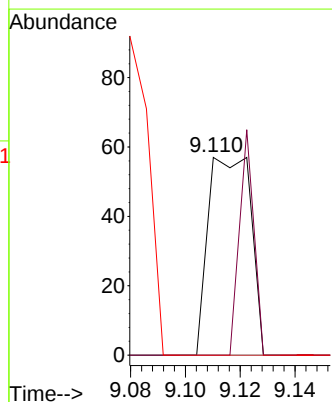
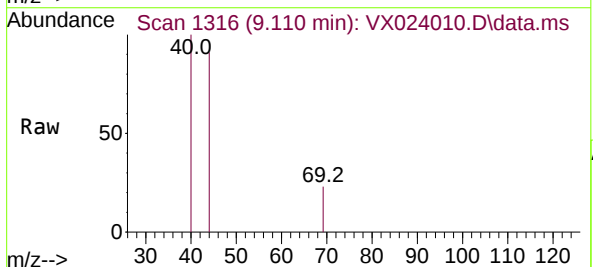
Instrument :
MSVOA_X
ClientSampled :
OUII-E

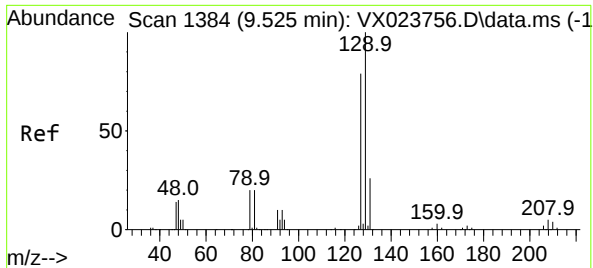
Tgt Ion: 75 Resp: 205
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#56
Ethyl methacrylate
Concen: 0.775 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 39.3 46.8 70.2#
39 0.0 24.7 37.1#





#60

Dibromochloromethane

Concen: 1.761 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024010.D

Acq: 30 Aug 2021 13:31

Instrument :

MSVOA_X

ClientSampleId :

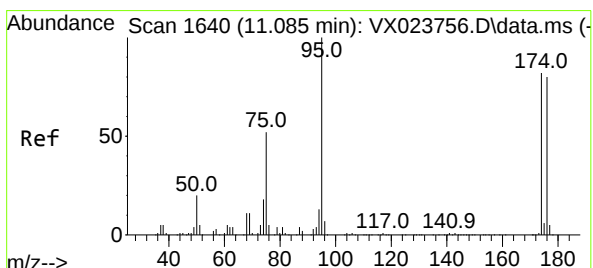
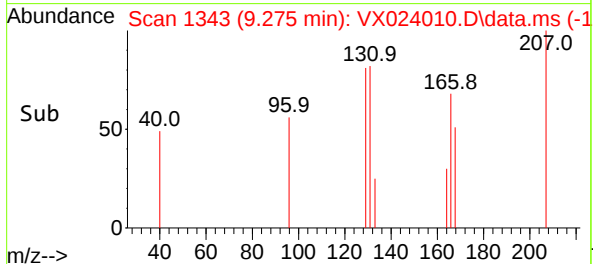
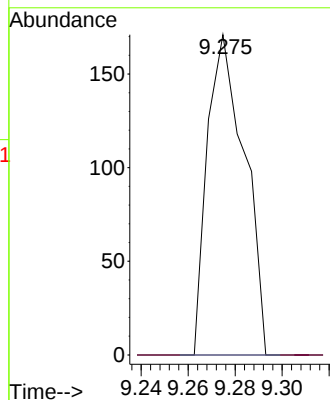
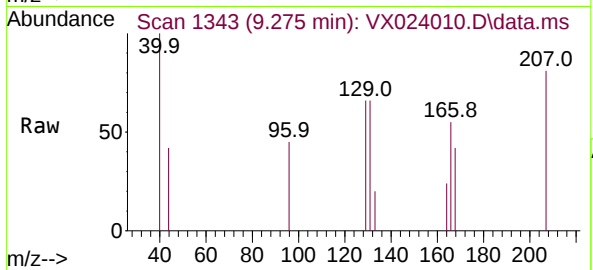
OUII-E

Tgt Ion:129 Resp: 188

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024010.D

Acq: 30 Aug 2021 13:31

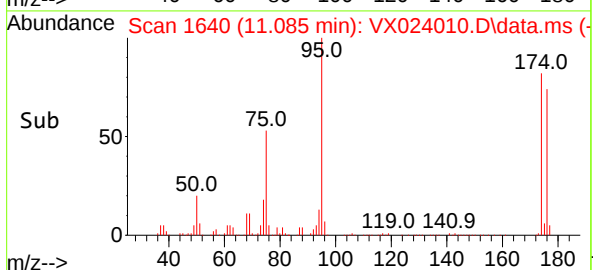
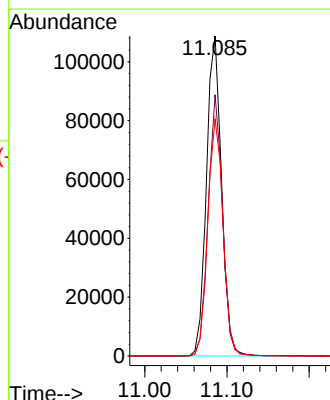
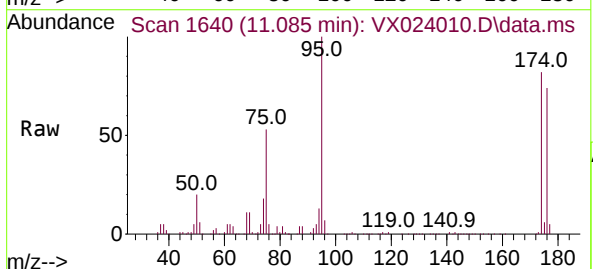
Tgt Ion: 95 Resp: 138440

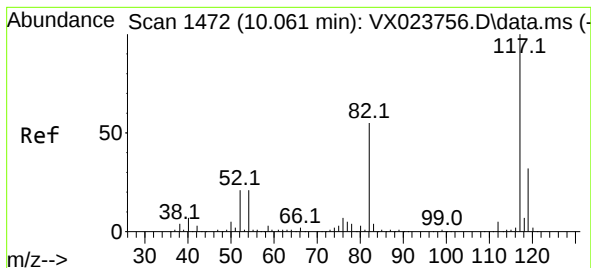
Ion Ratio Lower Upper

95 100

174 78.4 0.0 154.6

176 74.8 0.0 155.8

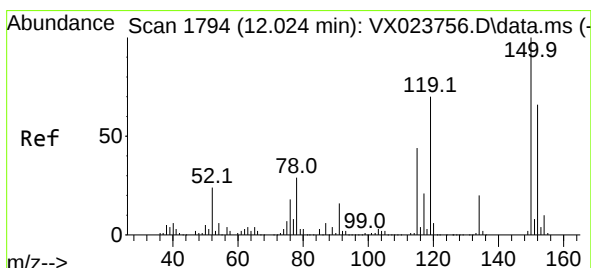
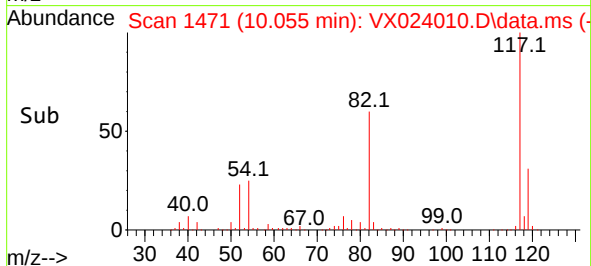
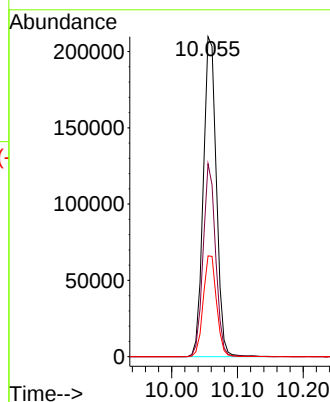
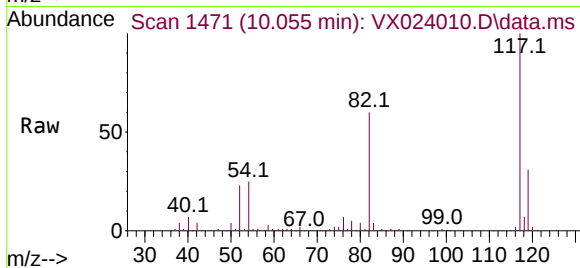




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

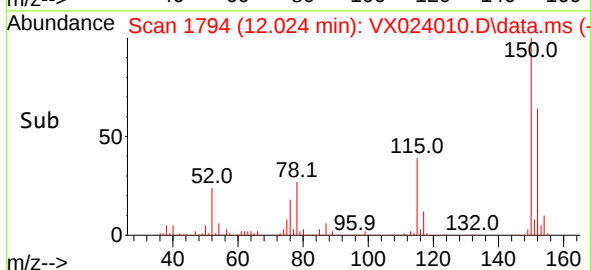
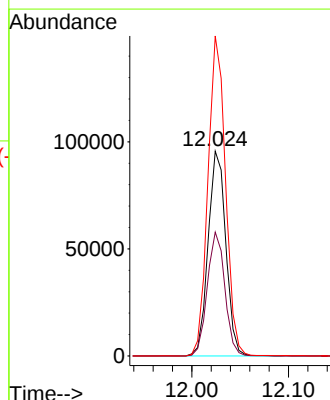
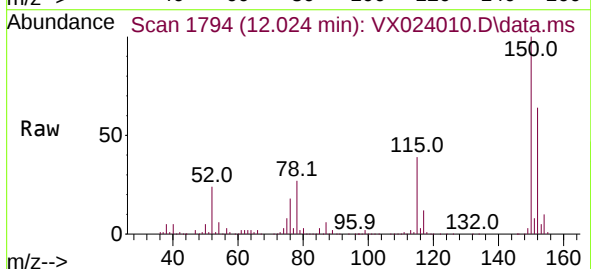
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

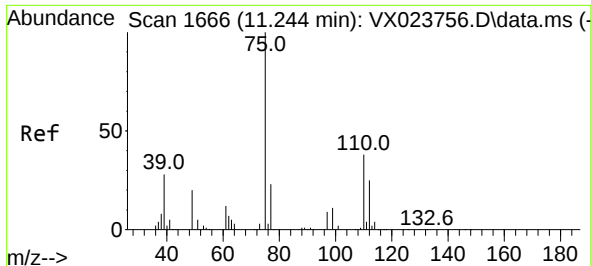
Tgt Ion:117 Resp: 289070
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion:152 Resp: 121692
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 155.0 0.0 349.0

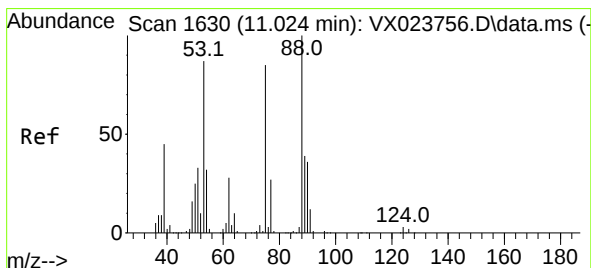
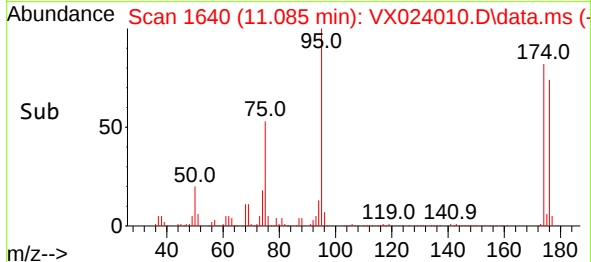
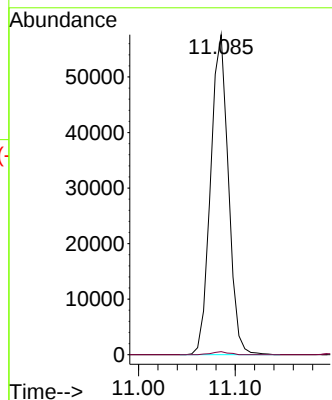
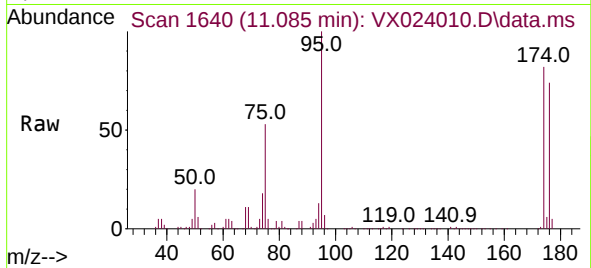




#76
1,2,3-Trichloropropane
Concen: 25.964 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

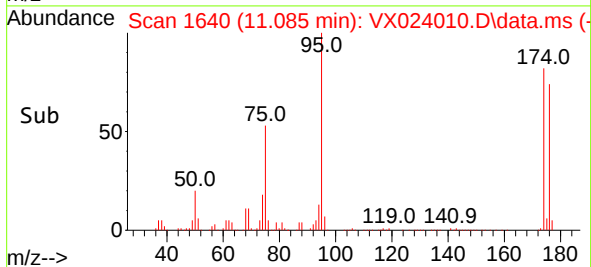
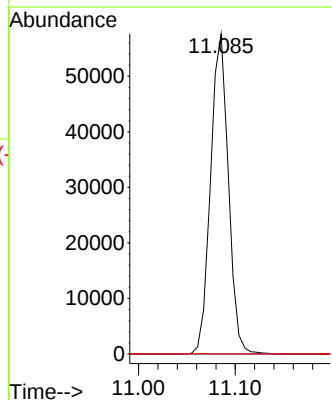
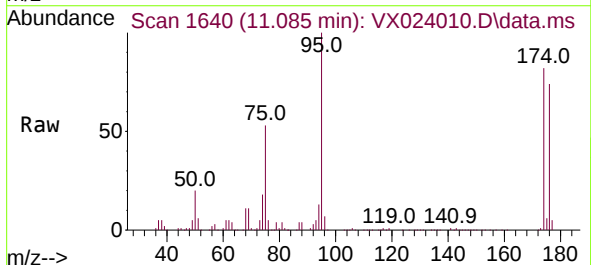
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

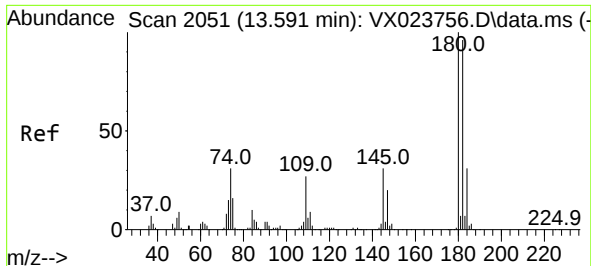
Tgt Ion: 75 Resp: 73706
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.375 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Tgt Ion: 75 Resp: 73706
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

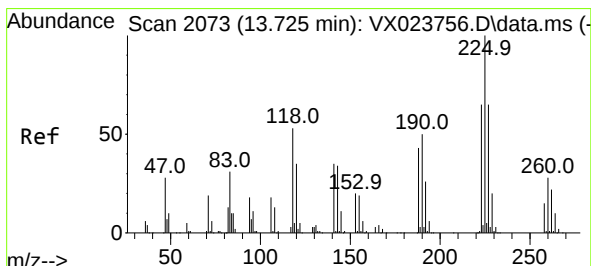
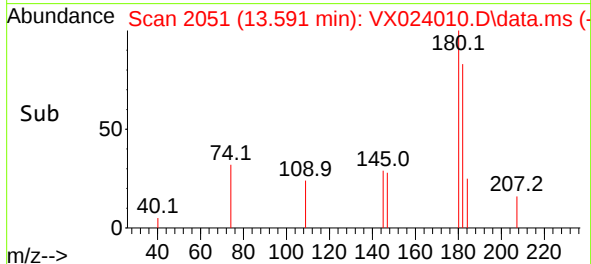
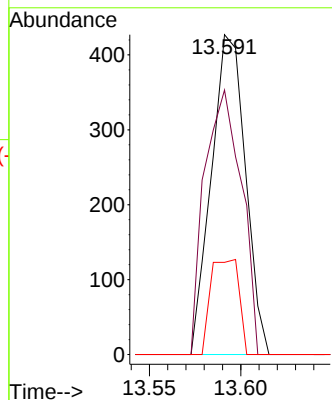
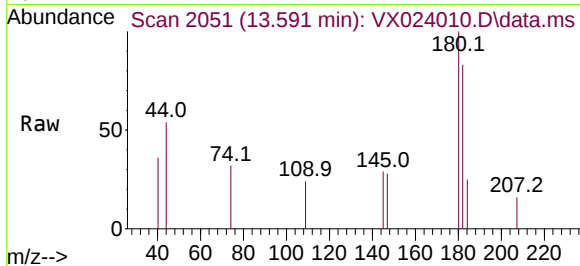




#93
1,2,4-Trichlorobenzene
Concen: 0.230 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

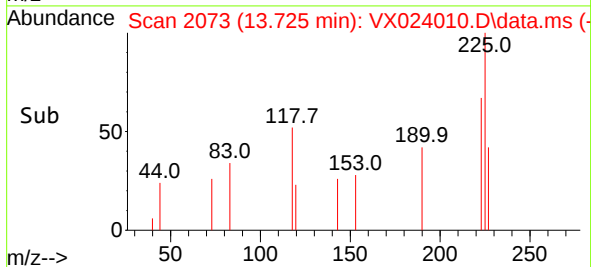
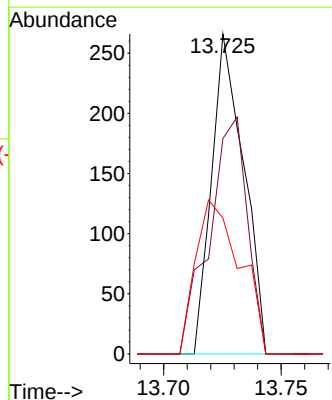
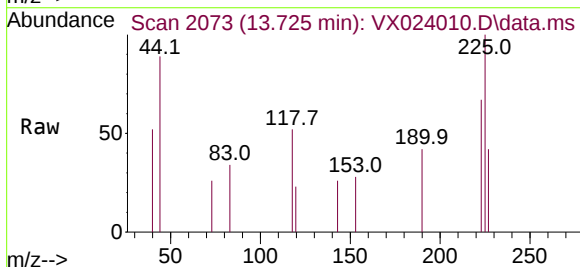
Instrument :
MSVOA_X
ClientSampleId :
OUII-E

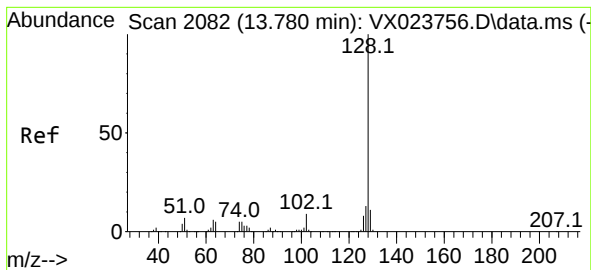
Tgt Ion:	180	Resp:	555
Ion	Ratio	Lower	Upper
180	100		
182	88.8	47.7	143.1
145	24.5	15.0	45.0



#94
Hexachlorobutadiene
Concen: 0.234 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

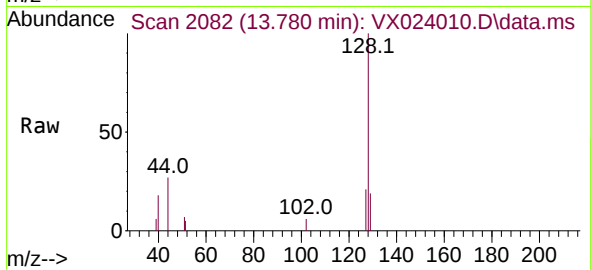
Tgt Ion:	225	Resp:	252
Ion	Ratio	Lower	Upper
225	100		
223	88.1	31.1	93.2
227	67.1	31.6	95.0





#95
Naphthalene
Concen: 1.401 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024010.D
Acq: 30 Aug 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :
OUII-E



Tgt Ion:	128	Resp:	1081
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.3	15.5
129	11.4	8.8	13.2

