

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024302.D
 Acq On : 17 Sep 2021 11:21
 Operator : JC/MD
 Sample : VX0917MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917MBL01

Quant Time: Sep 17 14:27:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

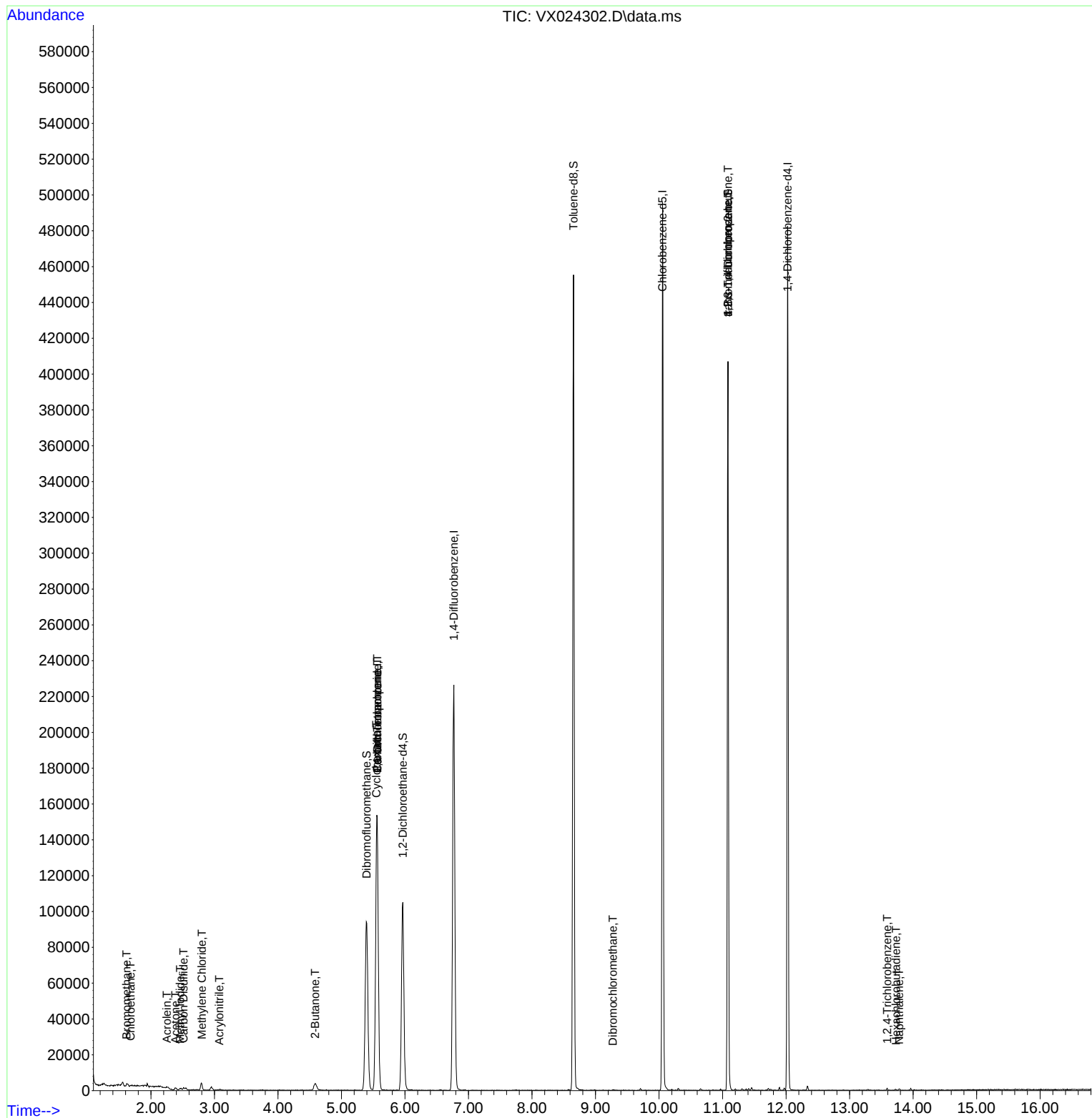
Internal Standards						
1) Pentafluorobenzene	5.562	168	144176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105088	51.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.240%			
35) Dibromofluoromethane	5.397	113	83403	54.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.680%			
50) Toluene-d8	8.653	98	260201	46.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.940%			
62) 4-Bromofluorobenzene	11.085	95	101551	47.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.200%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	778	0.907	ug/l	98
6) Chloroethane	1.678	64	138	2.115	ug/l #	43
10) Methyl Iodide	2.459	142	1153	0.587	ug/l #	85
11) Tert butyl alcohol	2.940	59	1109	Below Cal	#	73
13) Acrolein	2.251	56	48	0.354	ug/l #	83
15) Acrylonitrile	3.074	53	194	0.231	ug/l #	70
16) Acetone	2.386	43	1022	1.166	ug/l #	70
17) Carbon Disulfide	2.514	76	1309	0.393	ug/l #	90
20) Methylene Chloride	2.800	84	1752	1.041	ug/l	94
25) 2-Butanone	4.586	43	414	0.321	ug/l #	45
31) Cyclohexane	5.550	56	3067	1.275	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	11159	5.352	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15251	6.499	ug/l #	16
60) Dibromochloromethane	9.275	129	76	1.765	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55838	24.932	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55838	73.326	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	422	0.224	ug/l #	78
94) Hexachlorobutadiene	13.731	225	215	0.228	ug/l #	60
95) Naphthalene	13.780	128	916	1.415	ug/l #	72

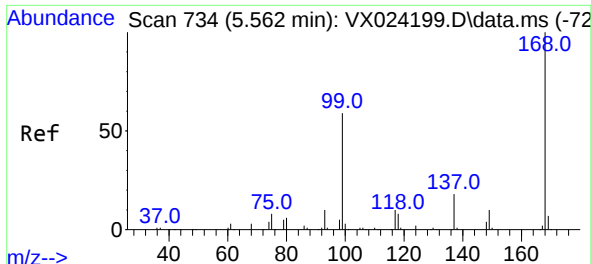
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

Quant Time: Sep 17 14:27:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

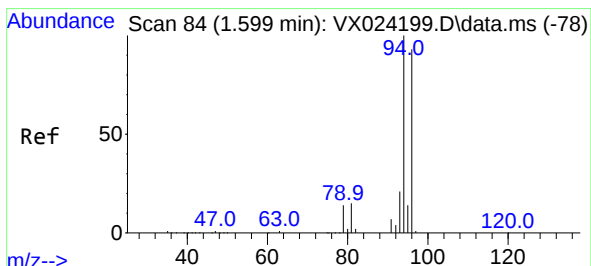
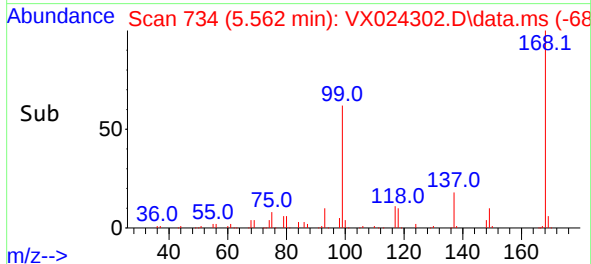
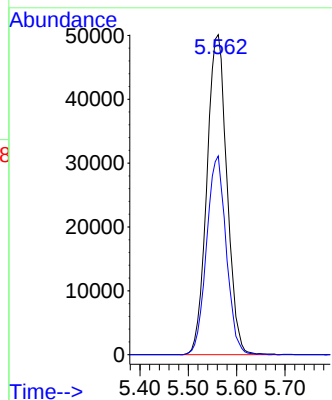
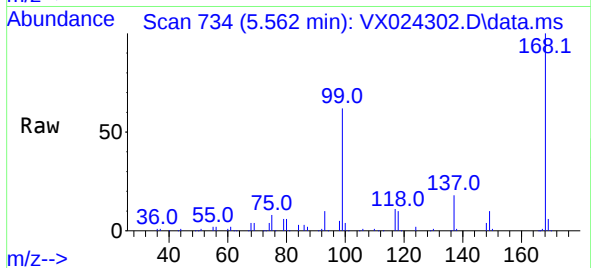




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

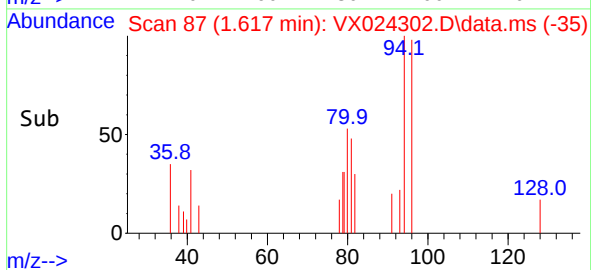
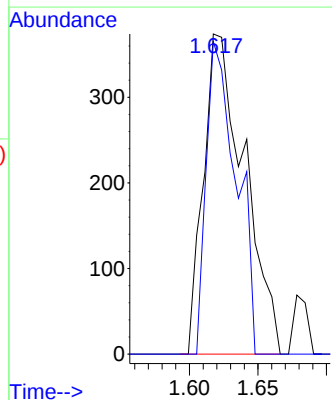
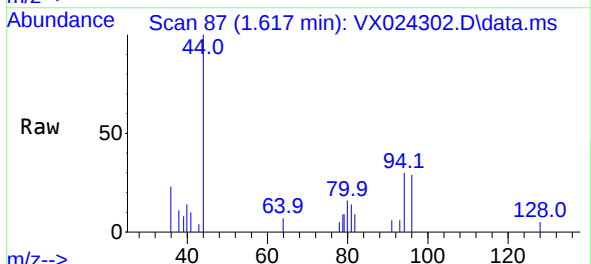
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

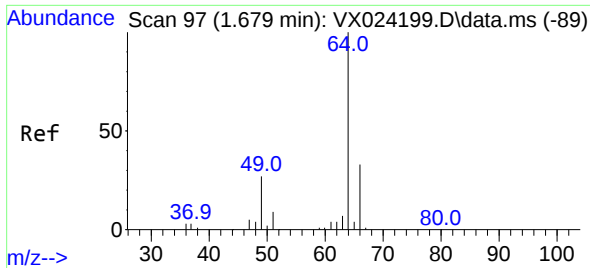
Tgt Ion:168 Resp: 144176
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#5
Bromomethane
Concen: 0.907 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 94 Resp: 778
Ion Ratio Lower Upper
94 100
96 97.6 76.4 114.6

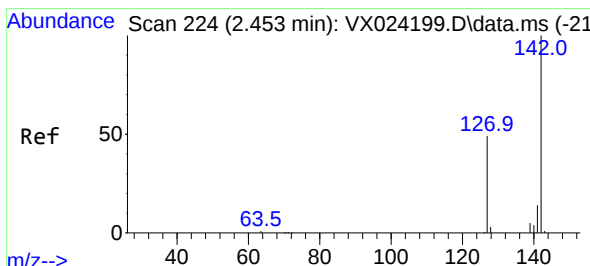
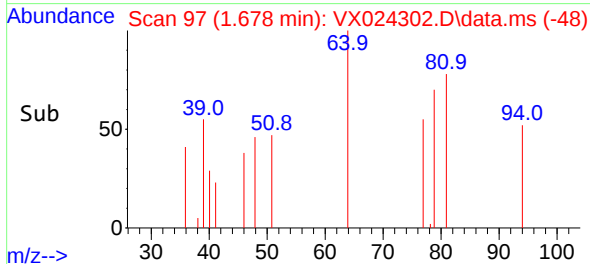
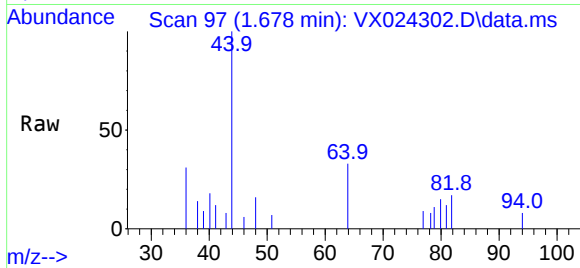




#6
Chloroethane
Concen: 2.115 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

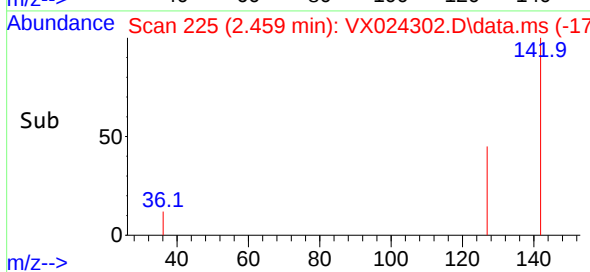
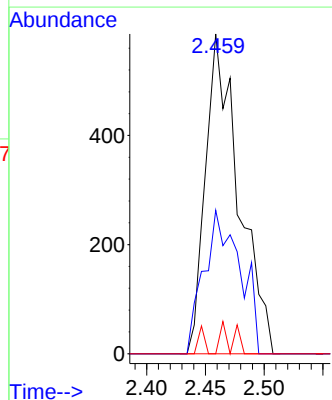
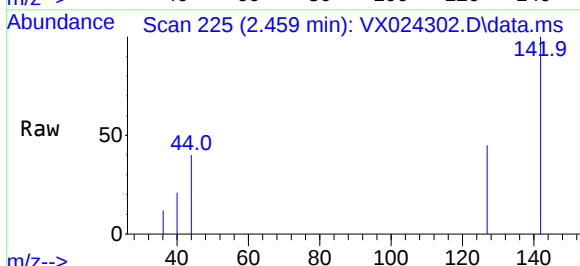
Instrument :
MSVOA_X
ClientSampled :
VX0917MBL01

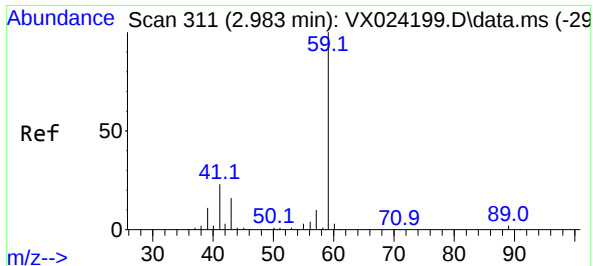
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.587 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 142 Resp: 1153
Ion Ratio Lower Upper
142 100
127 48.6 33.3 49.9
141 3.6 11.4 17.0#



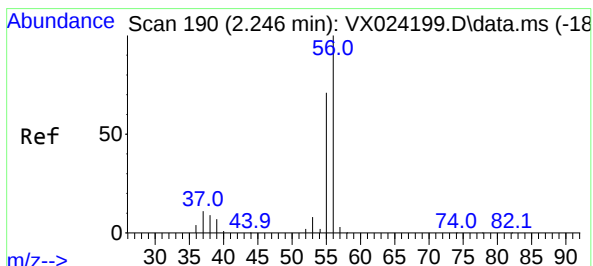
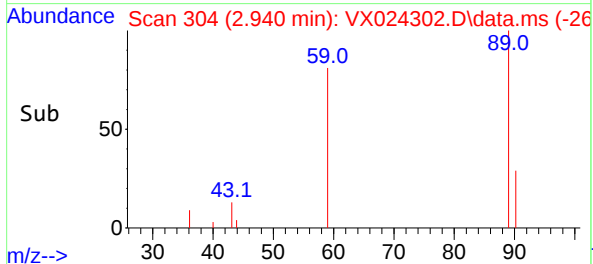
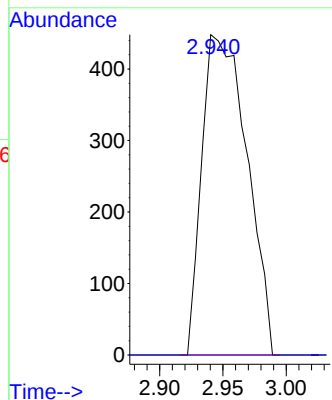
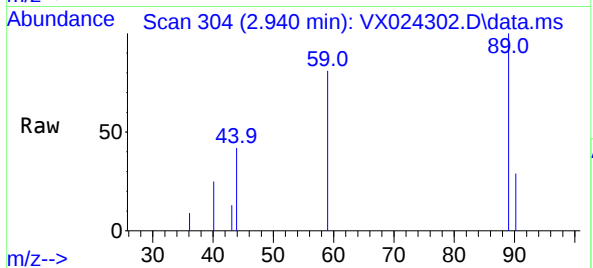


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

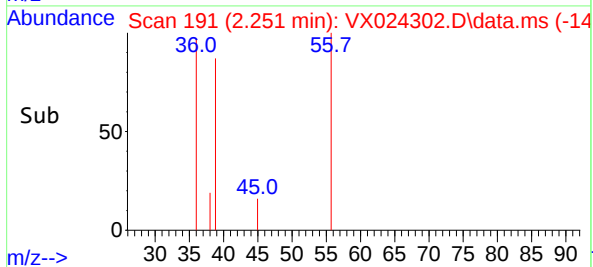
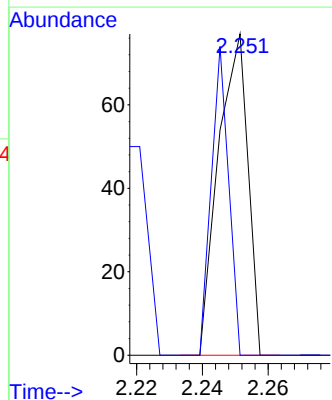
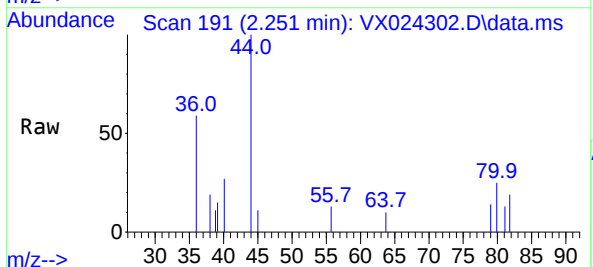
Tgt Ion: 59 Resp: 1109
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

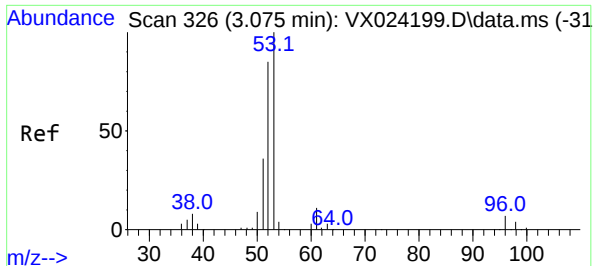


#13

Acrolein
Concen: 0.354 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.005 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 56.3 56.4 84.6#

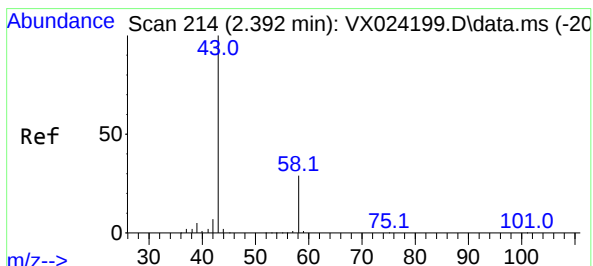
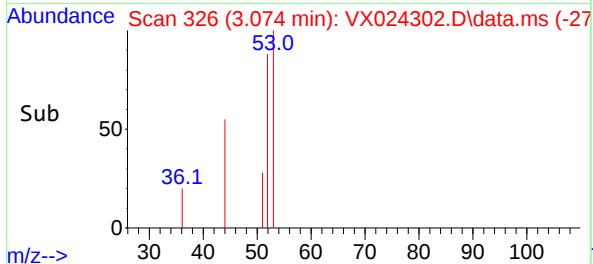
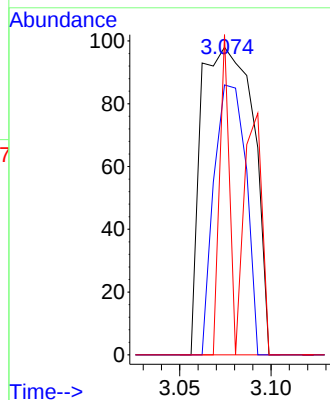
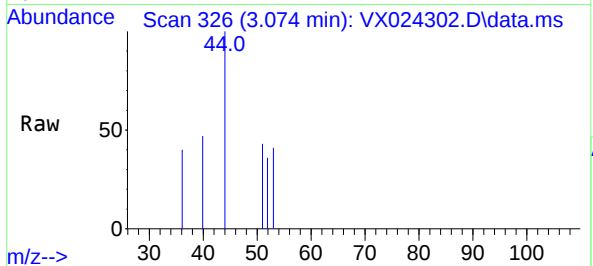




#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 3.074 min Scan# 326
Delta R.T. -0.001 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

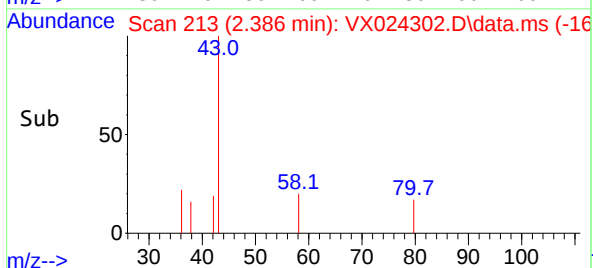
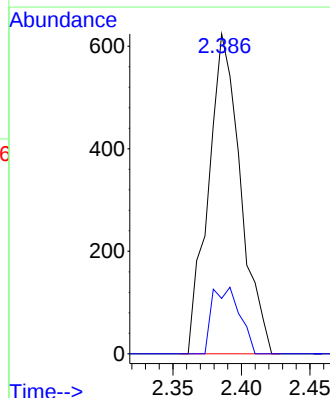
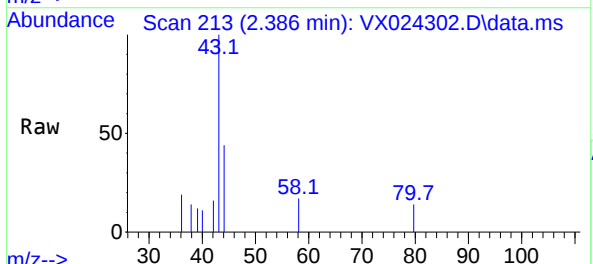
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

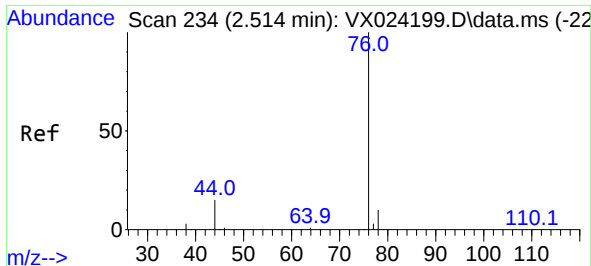
Tgt Ion:	53	Resp:	194
Ion	Ratio	Lower	Upper
53	100		
52	53.6	65.3	97.9#
51	19.1	28.2	42.2#



#16
Acetone
Concen: 1.166 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion:	43	Resp:	1022
Ion	Ratio	Lower	Upper
43	100		
58	17.3	27.8	41.8#

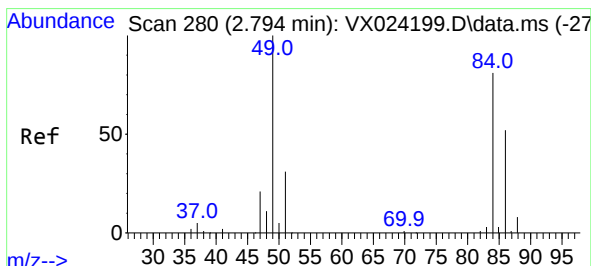
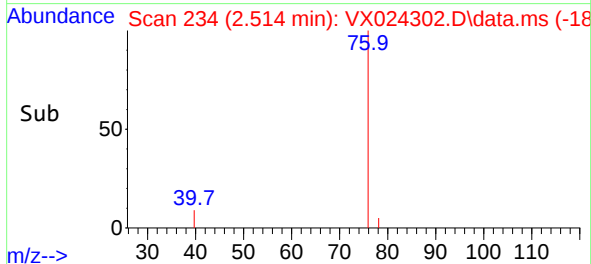
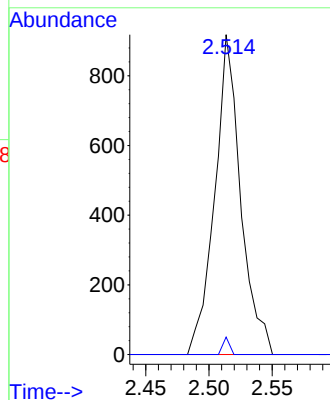
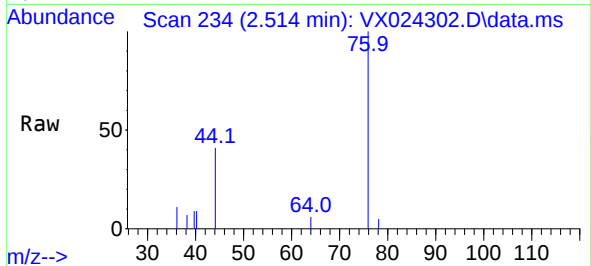




#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

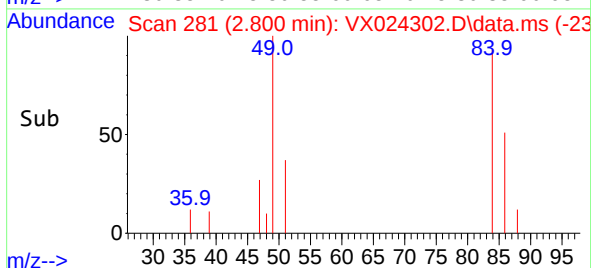
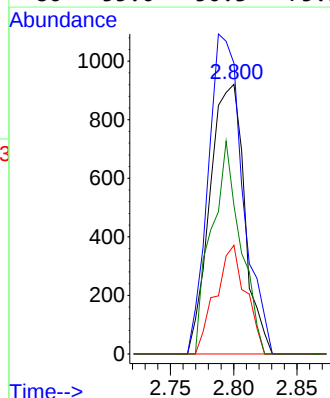
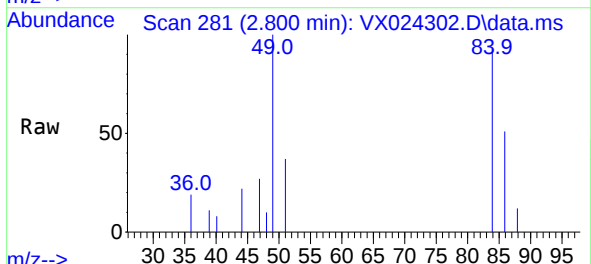
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

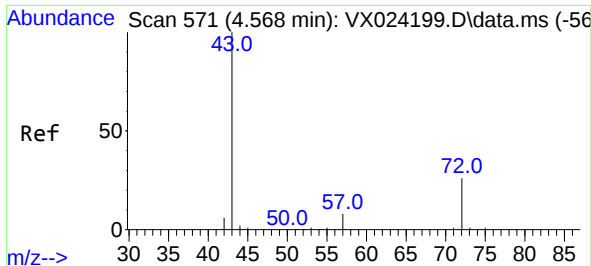
Tgt Ion: 76 Resp: 1309
Ion Ratio Lower Upper
76 100
78 5.4 7.2 10.8#



#20
Methylene Chloride
Concen: 1.041 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 84 Resp: 1752
Ion Ratio Lower Upper
84 100
49 107.8 88.6 132.8
51 40.3 27.0 40.6
86 55.0 50.3 75.5

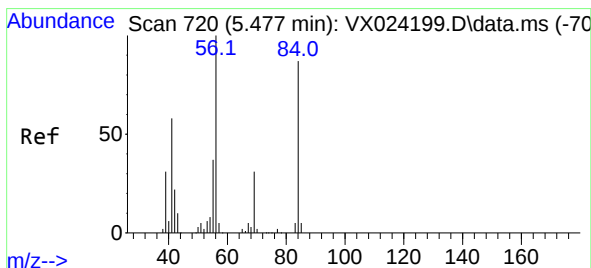
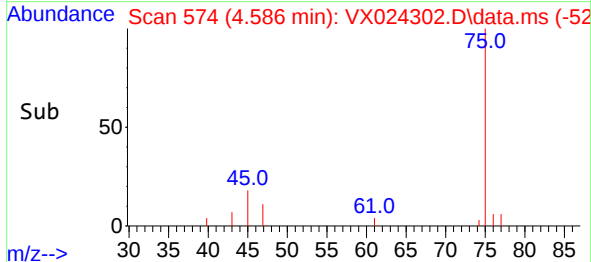
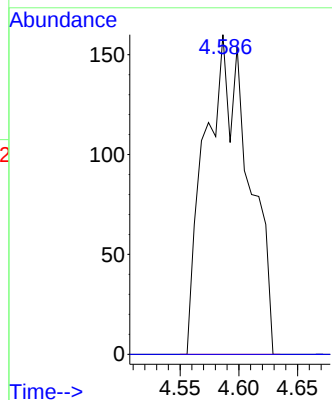
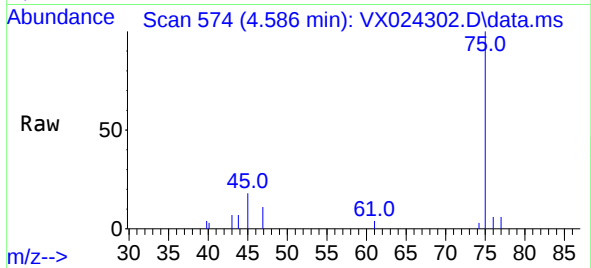




#25
2-Butanone
Concen: 0.321 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

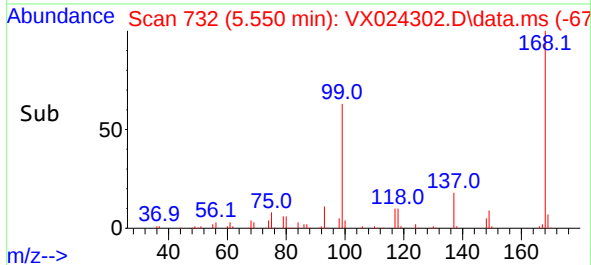
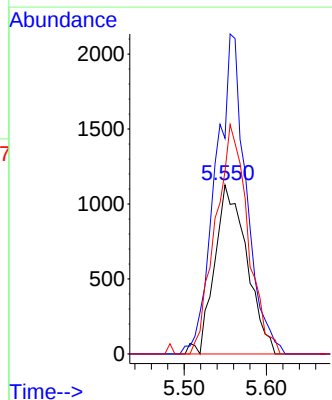
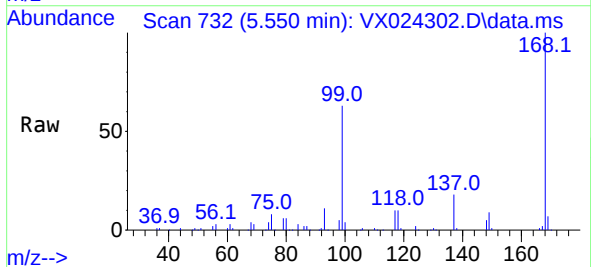
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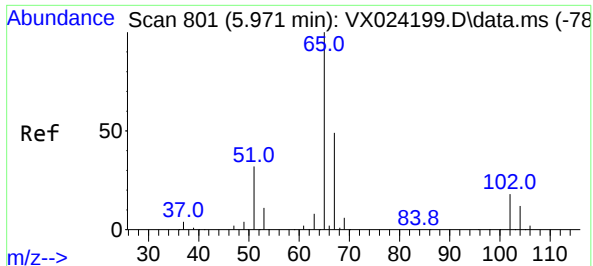
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 56 Resp: 3067
Ion Ratio Lower Upper
56 100
69 127.6 25.3 37.9#
84 107.9 71.4 107.0#



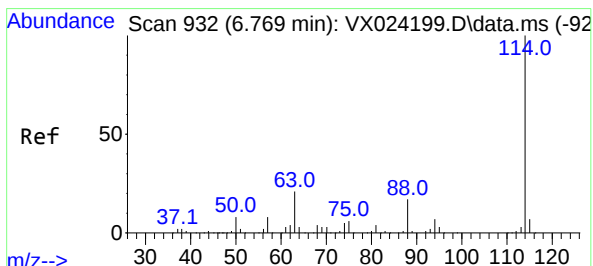
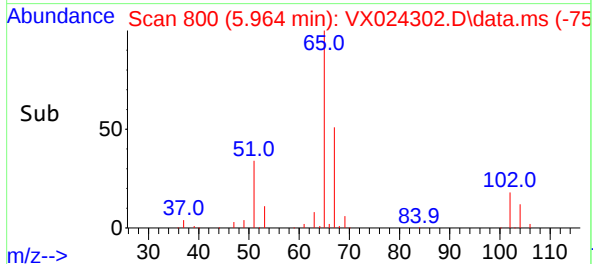
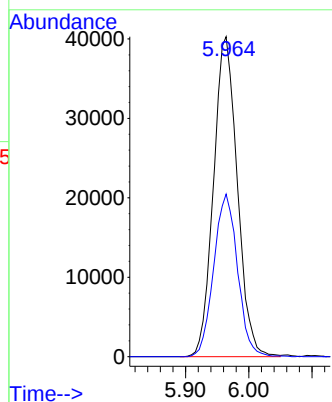
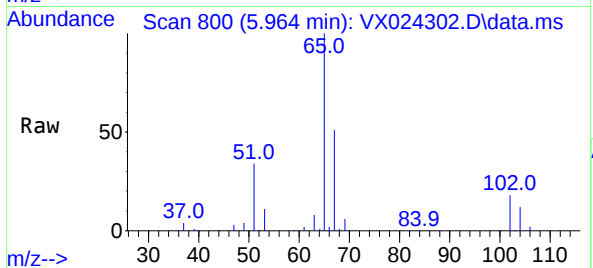


#33

1,2-Dichloroethane-d4
Concen: 51.115 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

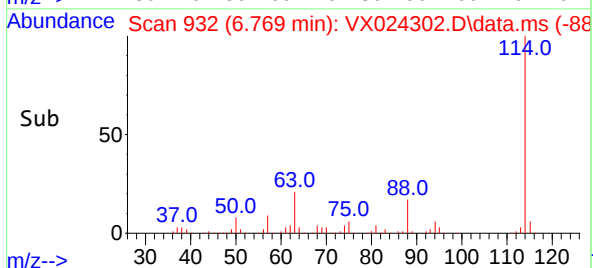
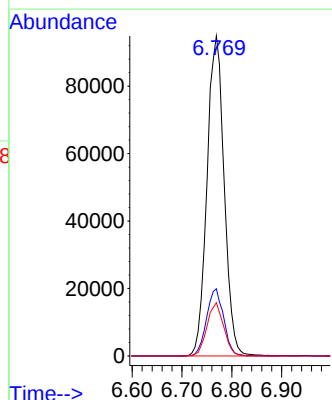
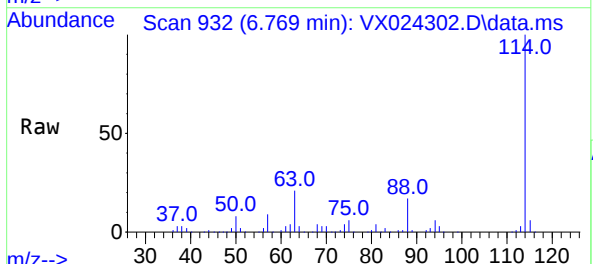
Tgt Ion: 65 Resp: 105088
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

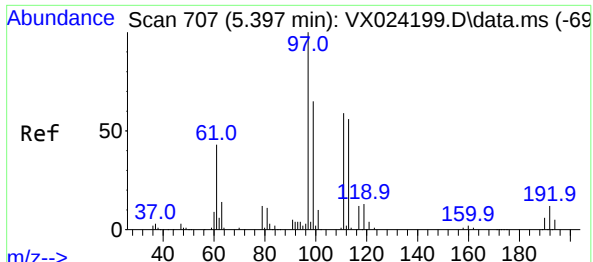


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 114 Resp: 226761
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.7 0.0 32.8

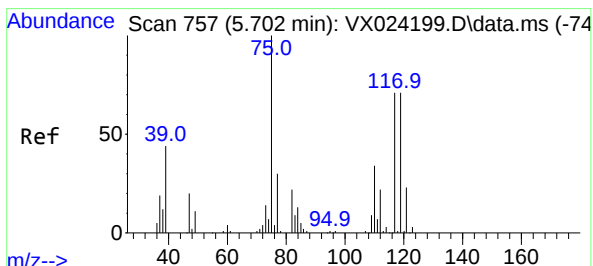
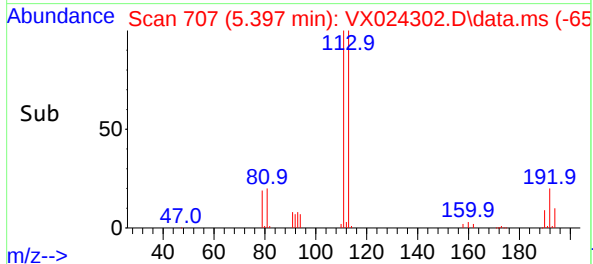
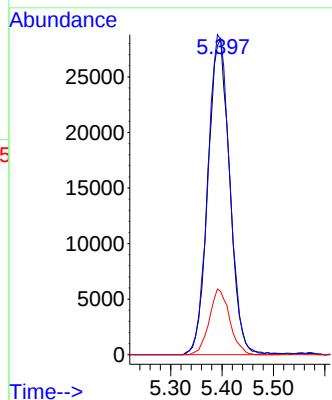
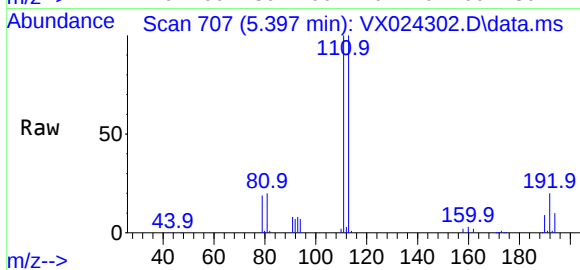




#35
Dibromofluoromethane
Concen: 54.843 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

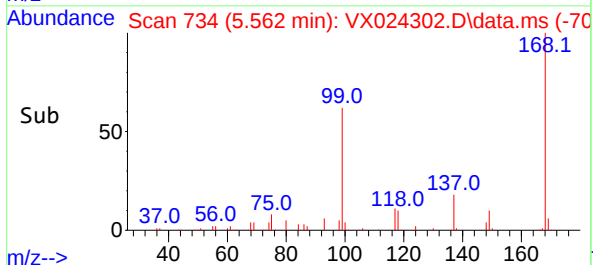
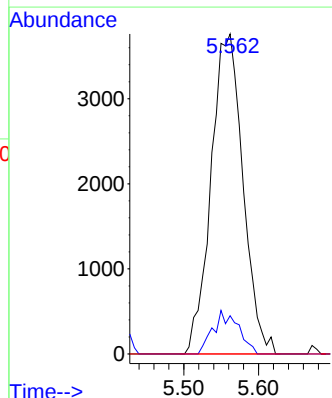
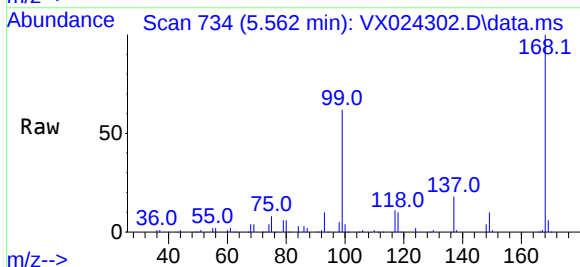
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

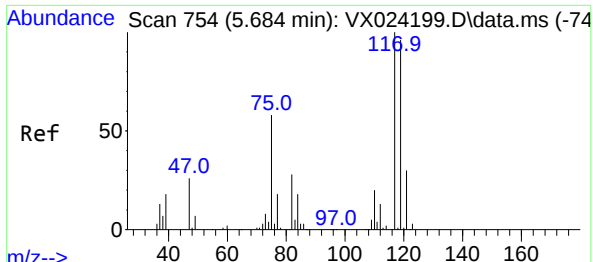
Tgt Ion:	113	Resp:	83403
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	19.5	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.352 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

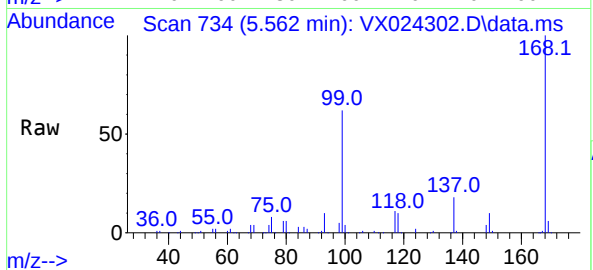
Tgt Ion:	75	Resp:	11159
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.0	25.3	37.9#



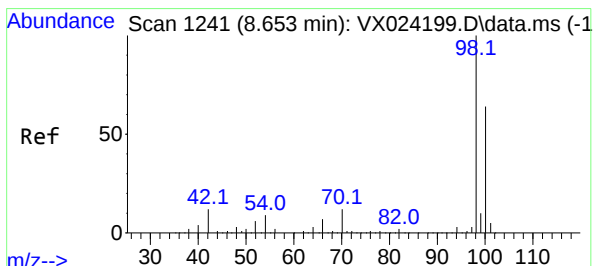
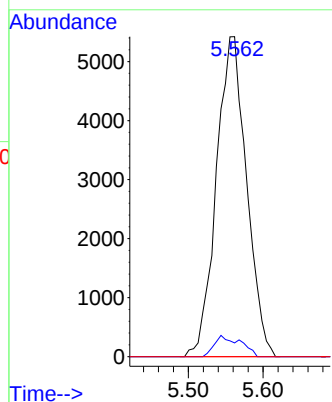
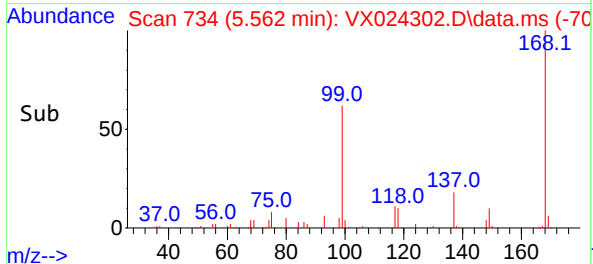


#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

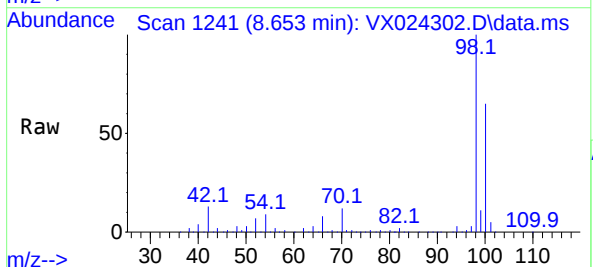
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01



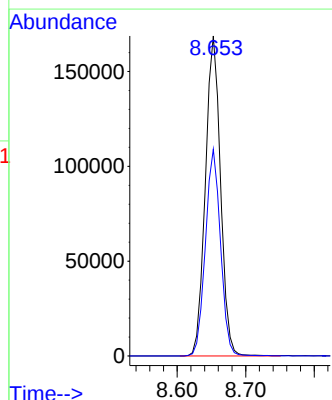
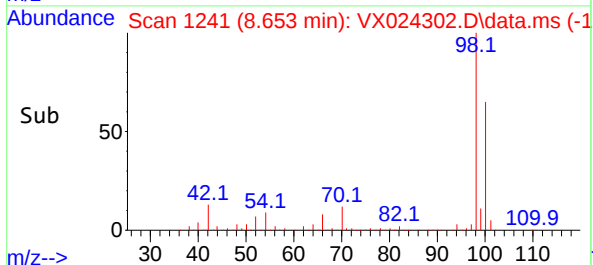
Tgt Ion:117 Resp: 15251
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

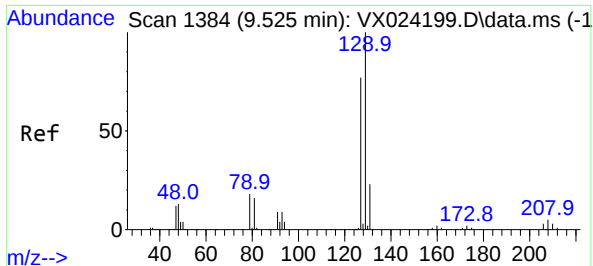


#50
Toluene-d8
Concen: 46.967 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21



Tgt Ion: 98 Resp: 260201
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





#60

Dibromochloromethane

Concen: 1.765 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024302.D

Acq: 17 Sep 2021 11:21

Instrument :

MSVOA_X

ClientSampleId :

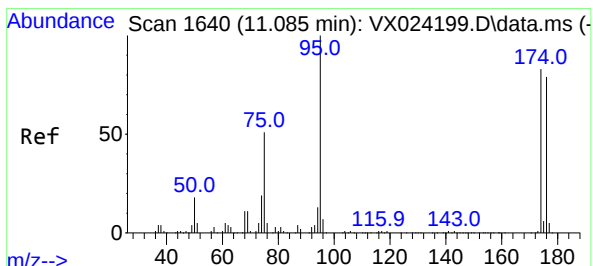
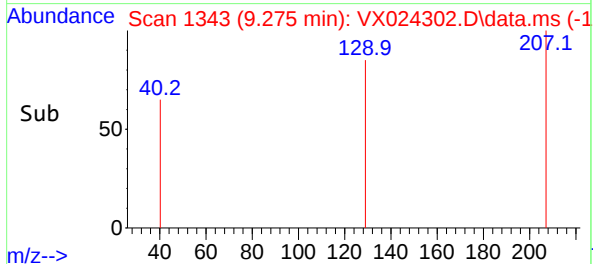
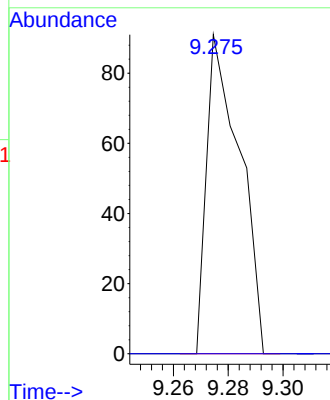
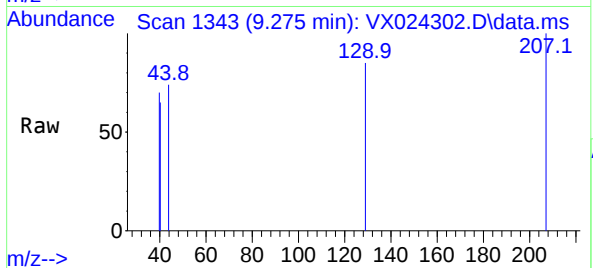
VX0917MBL01

Tgt Ion:129 Resp: 76

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.102 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024302.D

Acq: 17 Sep 2021 11:21

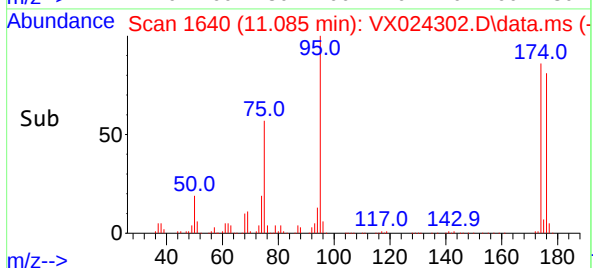
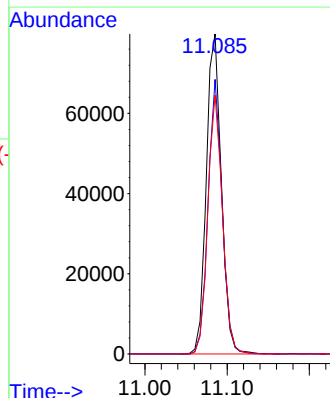
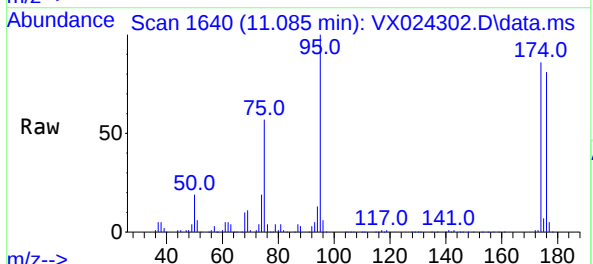
Tgt Ion: 95 Resp: 101551

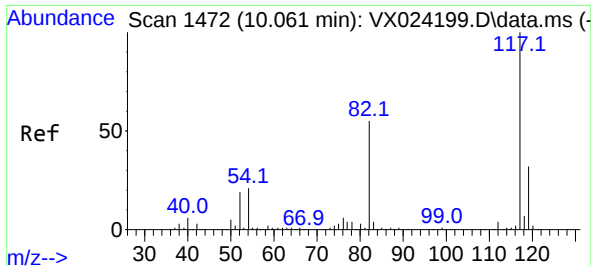
Ion Ratio Lower Upper

95 100

174 80.8 0.0 154.6

176 78.4 0.0 155.8

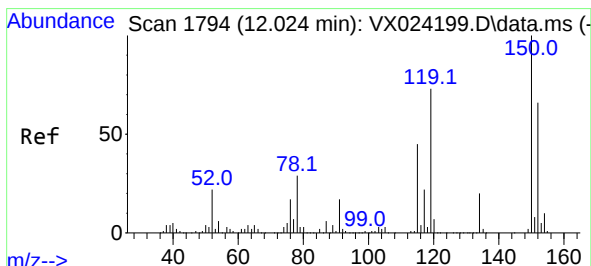
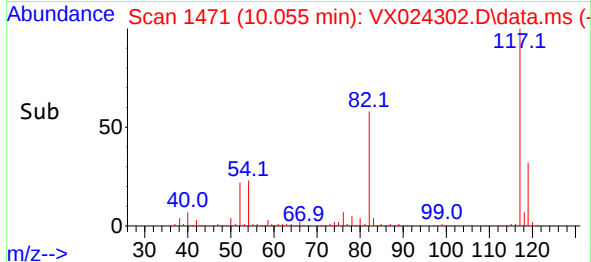
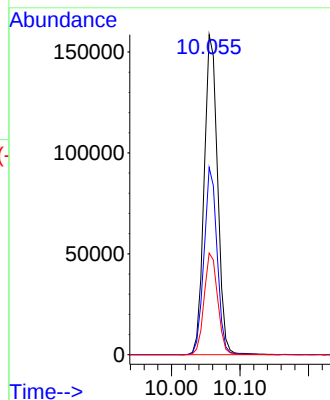
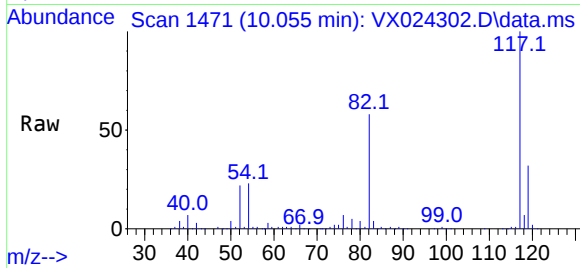




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

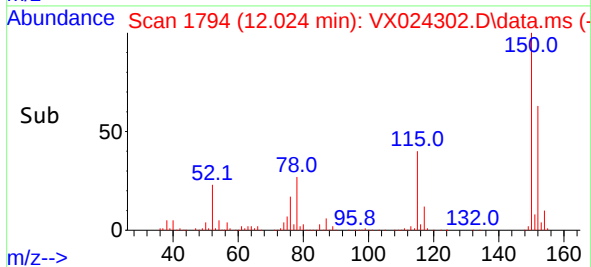
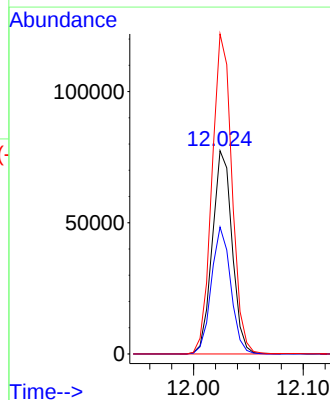
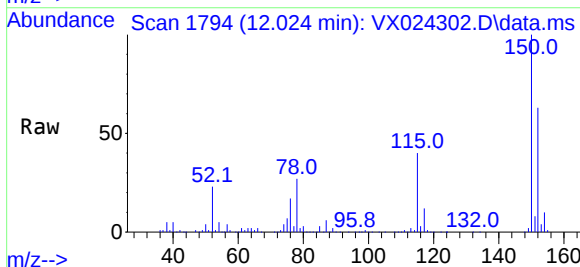
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

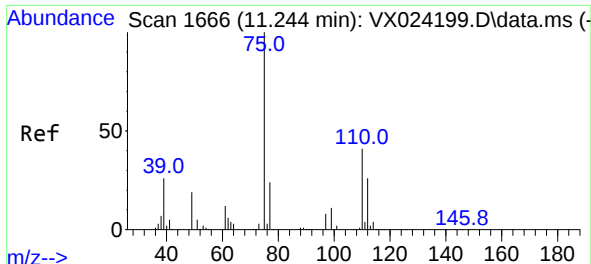
Tgt Ion:117 Resp: 216501
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion:152 Resp: 97398
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 158.3 0.0 349.0

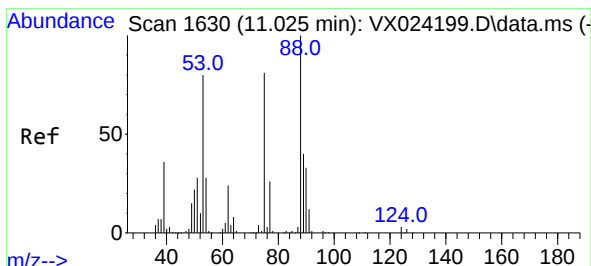
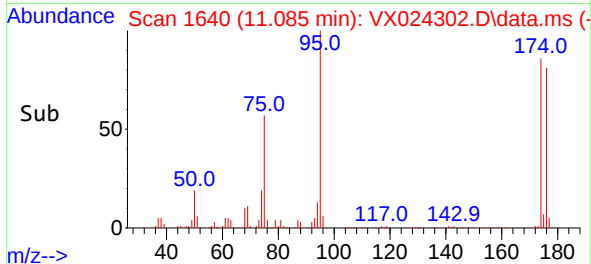
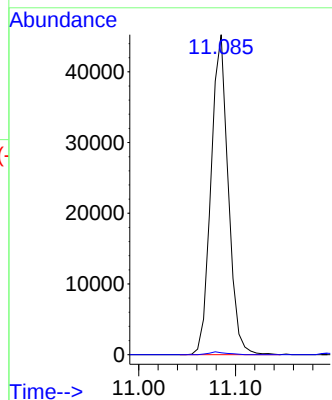
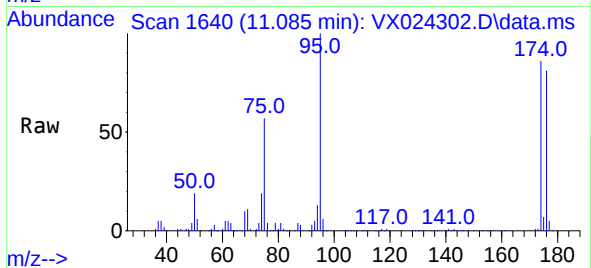




#76
1,2,3-Trichloropropane
Concen: 24.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

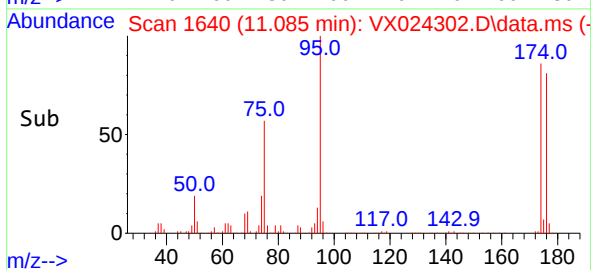
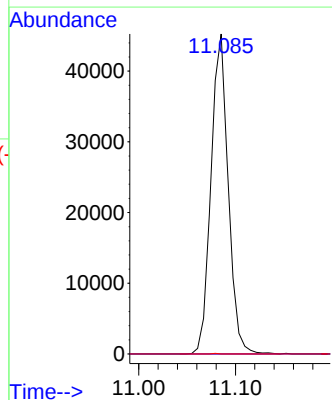
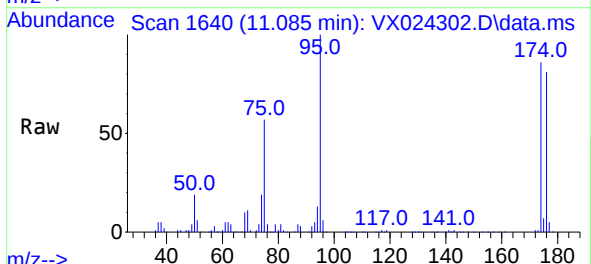
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

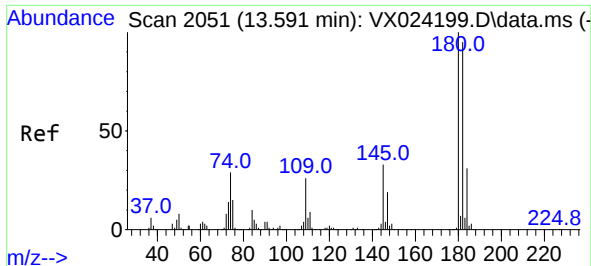
Tgt Ion: 75 Resp: 55838
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Tgt Ion: 75 Resp: 55838
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

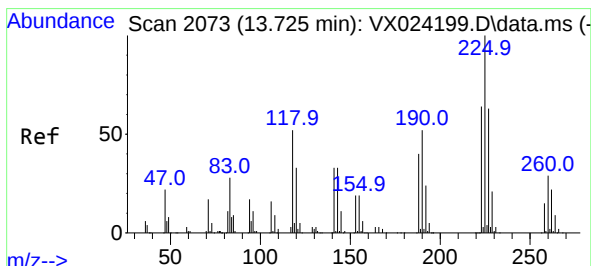
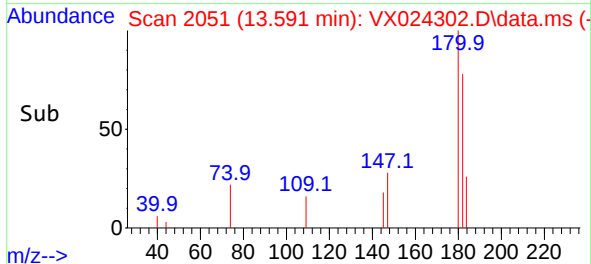
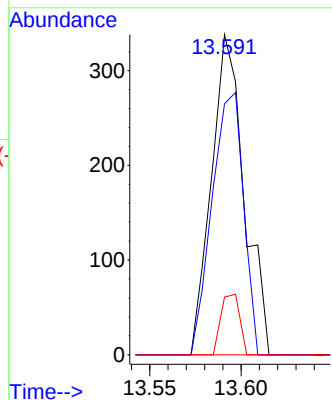
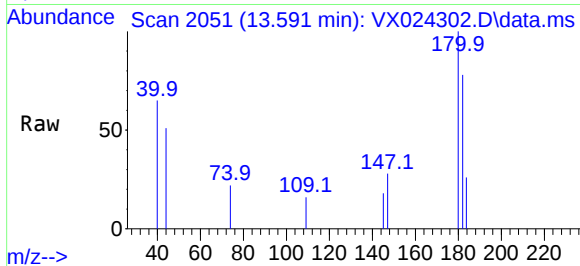




#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

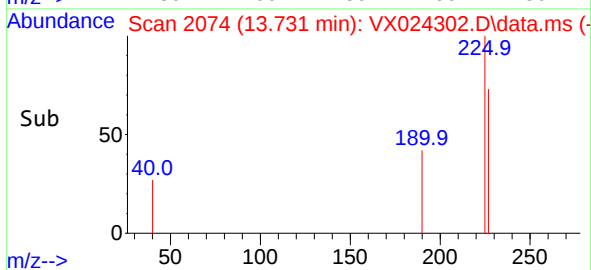
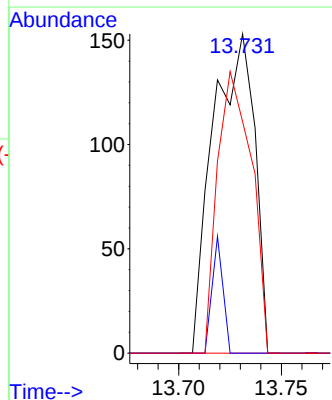
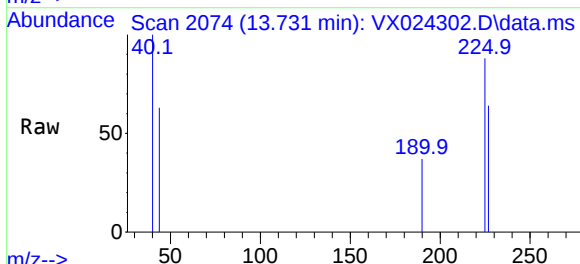
Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01

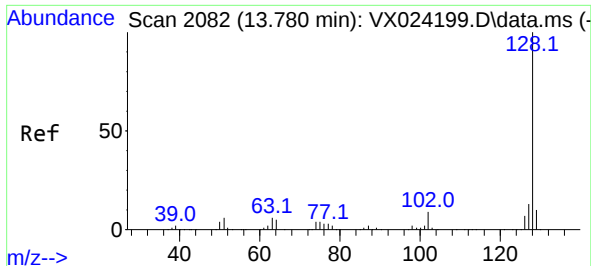
Tgt Ion:180 Resp: 422
Ion Ratio Lower Upper
180 100
182 78.4 47.7 143.1
145 10.9 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.228 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

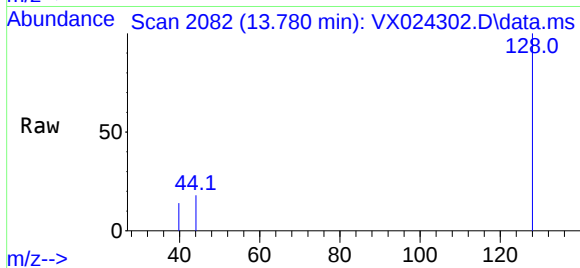
Tgt Ion:225 Resp: 215
Ion Ratio Lower Upper
225 100
223 9.3 31.1 93.2#
227 72.1 31.6 95.0





#95
Naphthalene
Concen: 1.415 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024302.D
Acq: 17 Sep 2021 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0917MBL01



Tgt Ion:128 Resp: 916
Ion Ratio Lower Upper
128 100
127 2.1 10.3 15.5#
129 0.0 8.8 13.2#

