

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025061.D
 Acq On : 03 Nov 2021 20:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 04 00:00:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	9917	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	101827	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92056	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	54432	57.511	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	191.700%#
60) 4-Bromofluorobenzene	11.085	95	46585	27.735	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.467%
63) Toluene-d8	8.653	98	126854	29.836	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.467%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	394	0.519	ug/l #	43
3) Chloromethane	1.294	50	80	0.201	ug/l #	79
4) Vinyl Chloride	1.374	62	261	0.570	ug/l	94
5) Bromomethane	1.618	94	427	1.137	ug/l	92
6) Chloroethane	1.892	64	198	0.768	ug/l	99
7) Trichlorofluoromethane	1.892	101	421	0.381	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	2.337	101	158	0.274	ug/l #	29
10) 1,1-Dichloroethene	2.325	96	195	0.399	ug/l #	65
11) Methyl Iodide	2.465	142	1025	5.226	ug/l #	48
13) Acrolein	2.227	56	50	1.070	ug/l #	53
14) Acrylonitrile	3.075	53	408	1.412	ug/l #	75
16) Carbon Disulfide	2.520	76	3369	2.702	ug/l #	89
17) Allyl chloride	2.678	41	271	0.348	ug/l #	22
18) Methylene Chloride	2.794	84	881	1.541	ug/l #	64
19) trans-1,2-Dichloroethene	3.093	96	364	0.678	ug/l #	78
22) cis-1,2-Dichloroethene	4.501	96	372	0.584	ug/l #	16
23) tert-Butyl Alcohol	2.947	59	154	0.876	ug/l #	100
45) 1,4-Dioxane	7.781	88	42	1.597	ug/l #	1
48) t-1,3-Dichloropropene	8.988	75	529	0.261	ug/l	94
53) Dibromochloromethane	9.275	129	343	0.250	ug/l #	10
55) 2-Chloroethyl vinyl ether	8.257	63	802	0.930	ug/l #	61
58) 4-Methyl-2-Pentanone	8.580	43	326	0.210	ug/l #	54
59) 2-Hexanone	9.445	43	392	0.329	ug/l #	81
61) Tetrachloroethene	9.275	164	300	0.278	ug/l #	54
66) Ethyl Benzene	10.305	91	1514	0.272	ug/l	95
67) m/p-Xylenes	10.317	106	718	0.375	ug/l	95
73) Bromobenzene	11.201	156	296	0.244	ug/l	86
74) n-propylbenzene	11.311	91	1511	0.235	ug/l	86
75) 2-Chlorotoluene	11.372	91	819	0.203	ug/l	98
77) t-1,4-Dichloro-2-butene	11.085	75	24210	41.402	ug/l #	7
78) 4-Chlorotoluene	11.457	91	1490	0.323	ug/l	96
79) tert-butylbenzene	11.719	119	1017	0.228	ug/l	89
80) 1,2,4-Trimethylbenzene	11.750	105	1111	0.238	ug/l	89
81) sec-Butylbenzene	11.896	105	1439	0.259	ug/l	83
82) p-Isopropyltoluene	12.012	119	982	0.213	ug/l	79
83) 1,3-Dichlorobenzene	11.975	146	699	0.310	ug/l	86
84) 1,4-Dichlorobenzene	12.043	146	792	0.352	ug/l	94
85) n-Butylbenzene	12.329	91	1677	0.399	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	687	0.309	ug/l	85

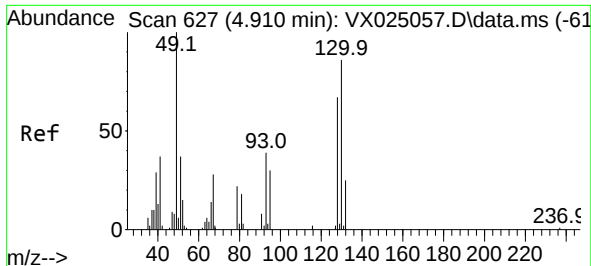
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
Data File : VX025061.D
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Quant Time: Nov 04 00:00:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 03 23:52:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 1,2,4-Trichlorobenzene	13.591	180	379	0.282	ug/l #	68
90) Hexachlorobutadiene	13.725	225	767	1.128	ug/l	87
91) Naphthalene	13.786	128	961	0.209	ug/l #	87
92) 1,2,3-Trichlorobenzene	13.963	180	578	0.421	ug/l	45

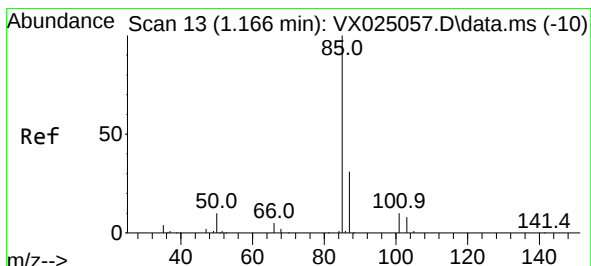
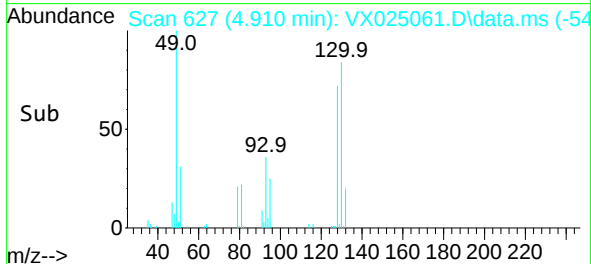
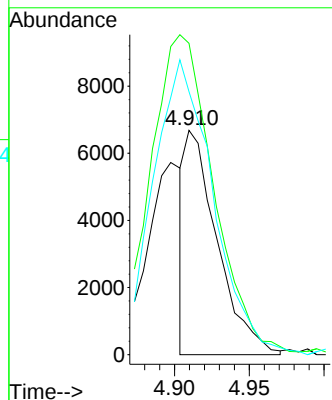
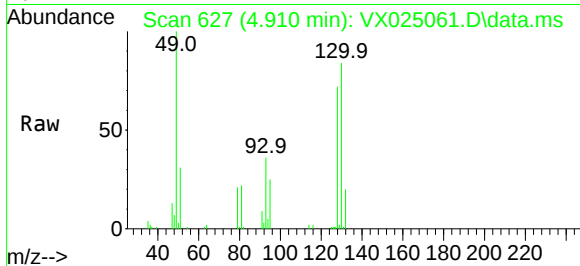
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

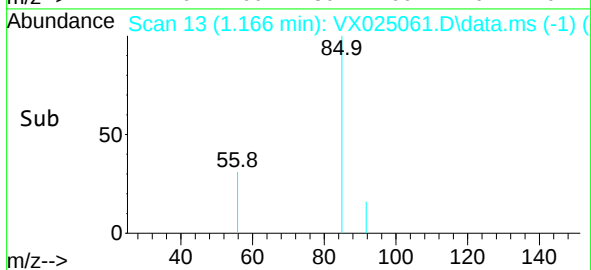
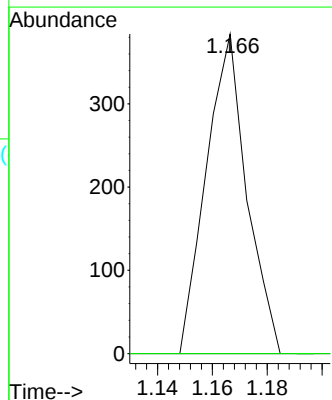
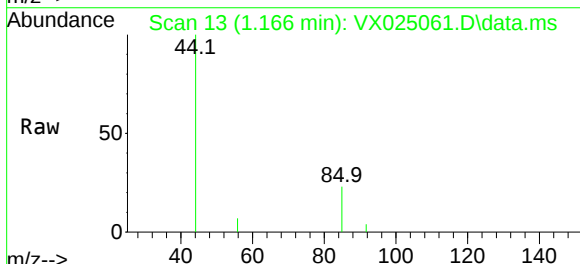
Instrument :
MSVOA_X
ClientSampleId :
IBLK

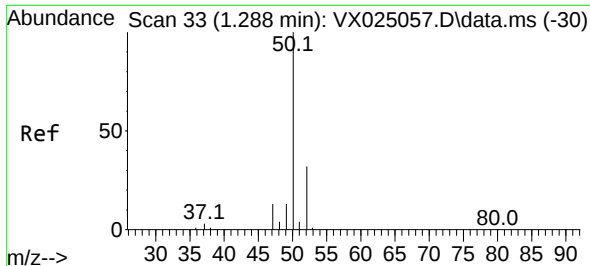
Tgt Ion:128 Resp: 9917
Ion Ratio Lower Upper
128 100
49 285.4 0.0 402.5
130 252.2 0.0 326.5



#2
Dichlorodifluoromethane
Concen: 0.519 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 85 Resp: 394
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

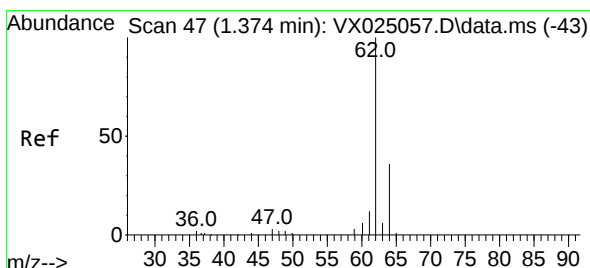
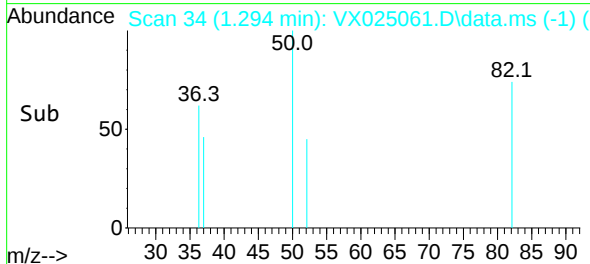
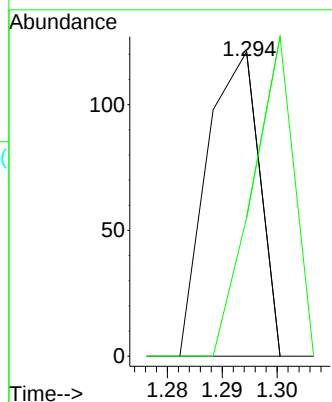
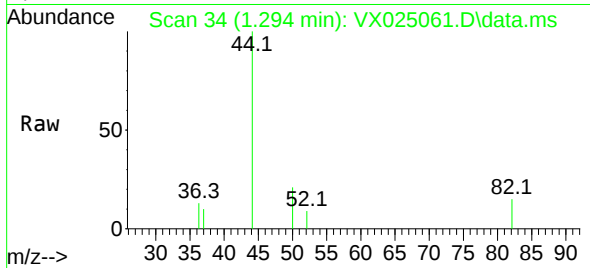




#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

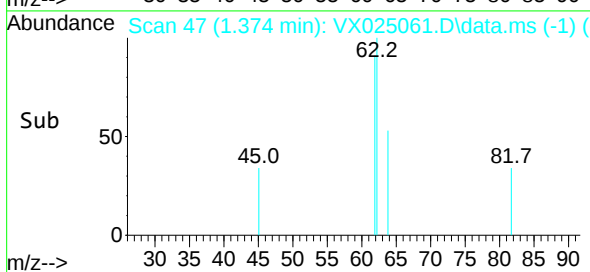
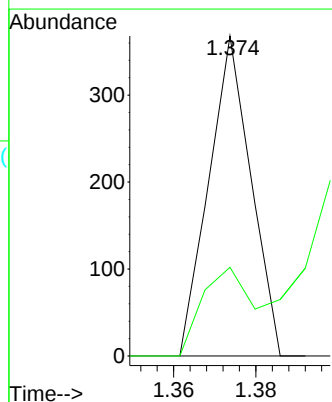
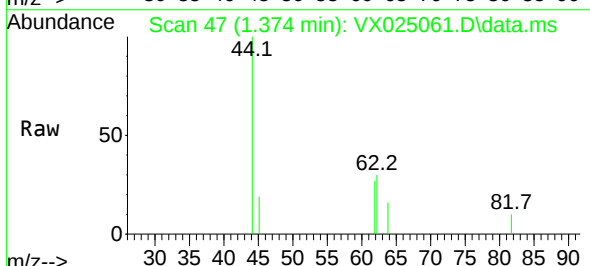
Instrument :
MSVOA_X
ClientSampleId :
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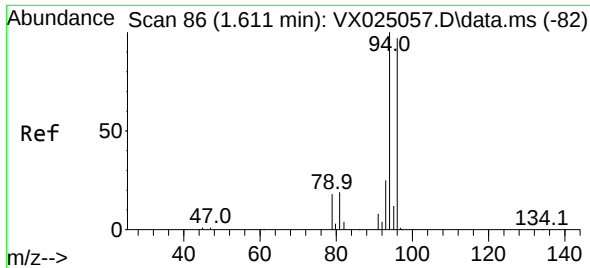
Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 45.5 26.9 40.3#



#4
Vinyl Chloride
Concen: 0.570 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 62 Resp: 261
Ion Ratio Lower Upper
62 100
64 27.7 25.0 37.4

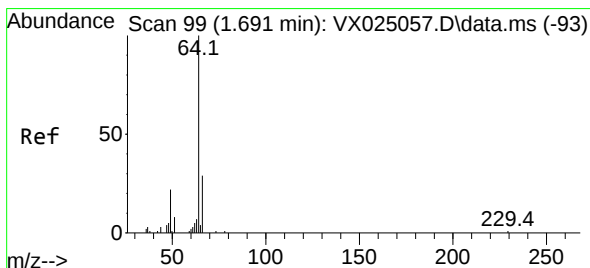
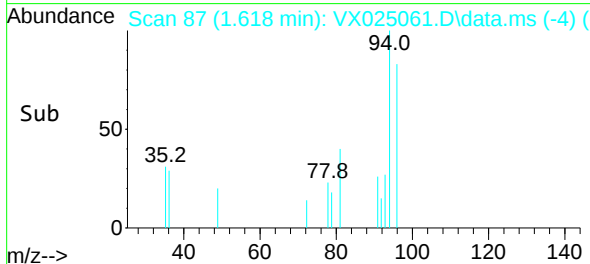
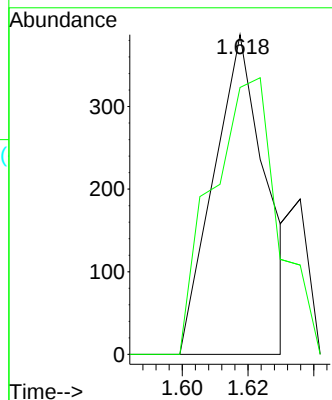
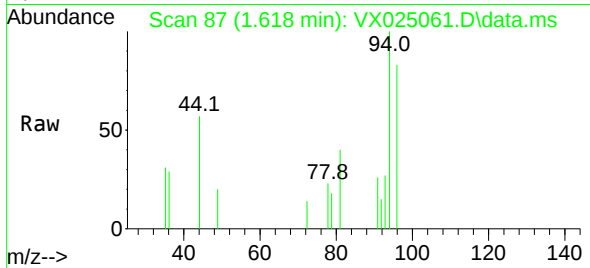




#5
 Bromomethane
 Concen: 1.137 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

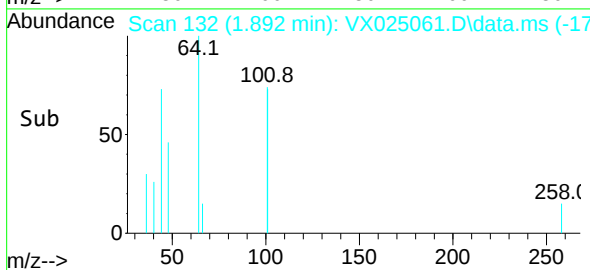
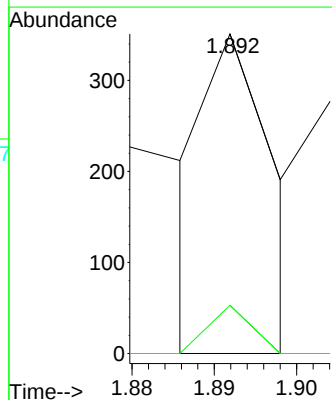
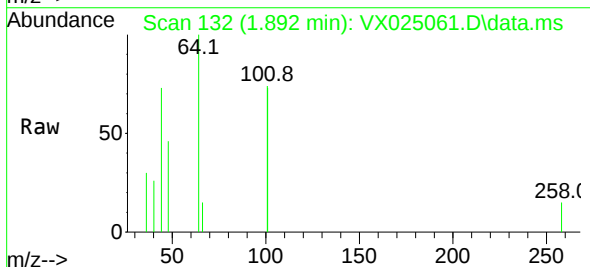
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

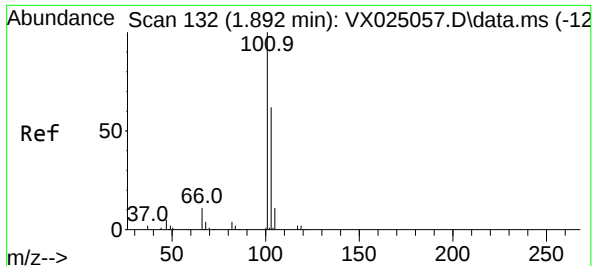
Tgt Ion: 94 Resp: 427
 Ion Ratio Lower Upper
 94 100
 96 83.5 72.8 109.2



#6
 Chloroethane
 Concen: 0.768 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.201 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

Tgt Ion: 64 Resp: 198
 Ion Ratio Lower Upper
 64 100
 66 33.1 26.8 40.2

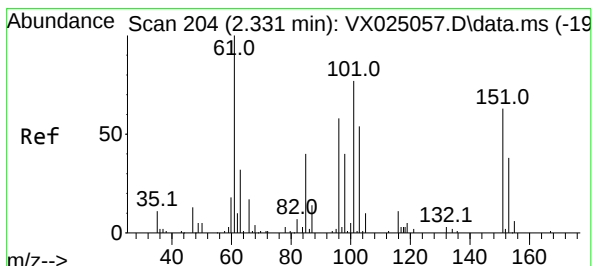
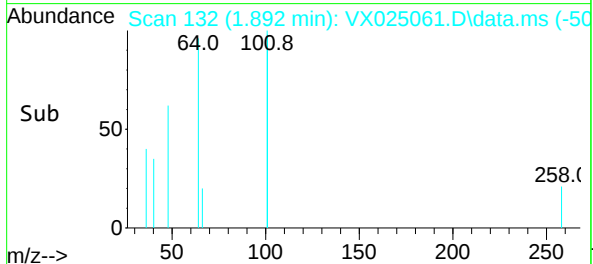
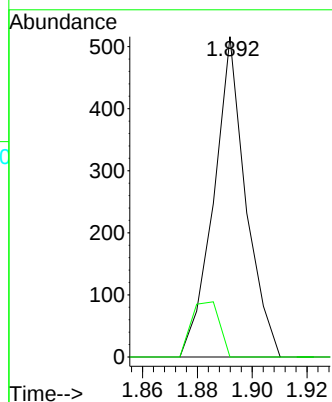
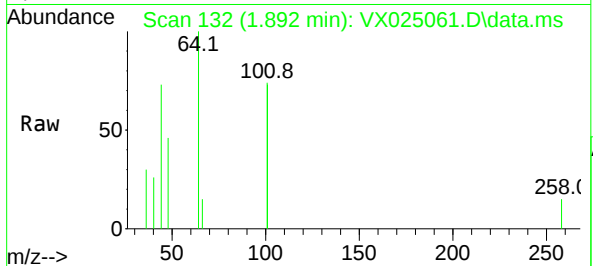




#7
 Trichlorofluoromethane
 Concen: 0.381 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

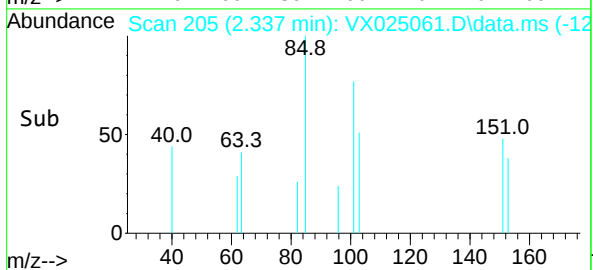
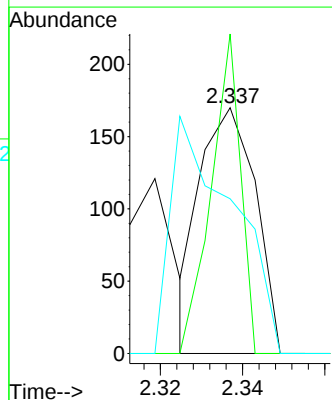
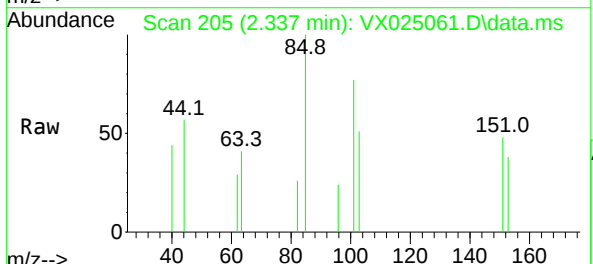
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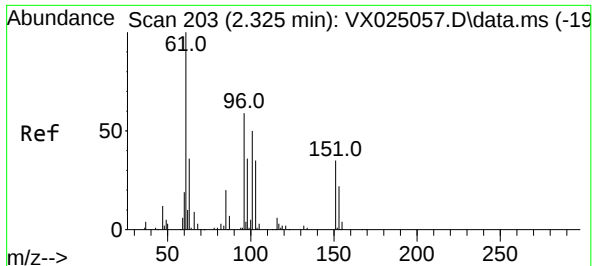
Tgt Ion:101 Resp: 421
 Ion Ratio Lower Upper
 101 100
 103 0.0 55.0 82.6#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.274 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

Tgt Ion:101 Resp: 158
 Ion Ratio Lower Upper
 101 100
 85 69.0 0.0 91.4
 151 0.0 0.0 160.0





#10

1,1-Dichloroethene

Concen: 0.399 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX025061.D

Acq: 03 Nov 2021 20:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

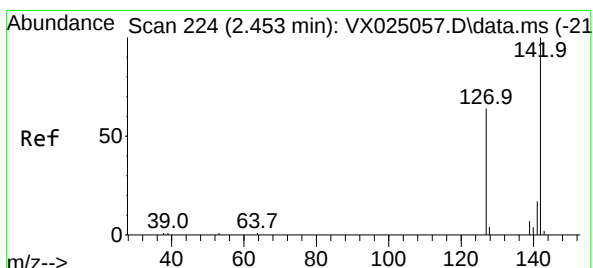
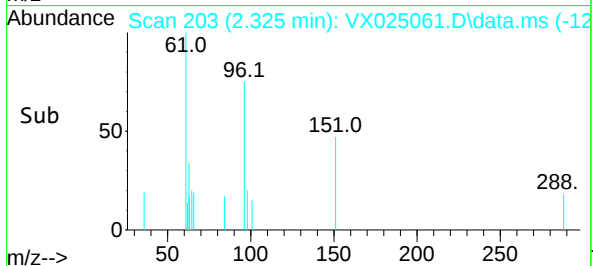
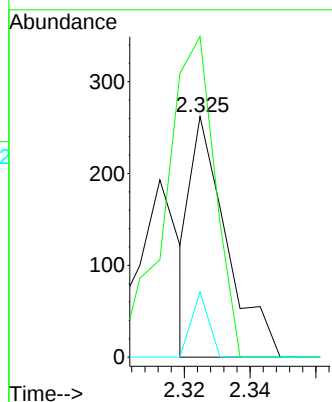
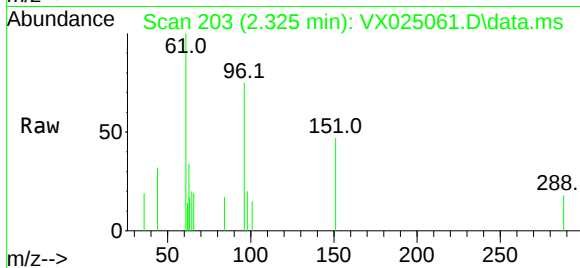
Tgt Ion: 96 Resp: 195

Ion Ratio Lower Upper

96 100

61 133.2 140.3 210.5#

98 27.1 52.8 79.2#



#11

Methyl Iodide

Concen: 5.226 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.012 min

Lab File: VX025061.D

Acq: 03 Nov 2021 20:09

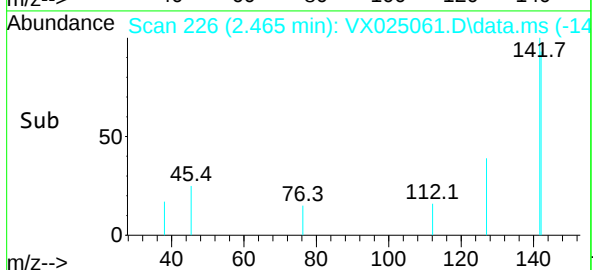
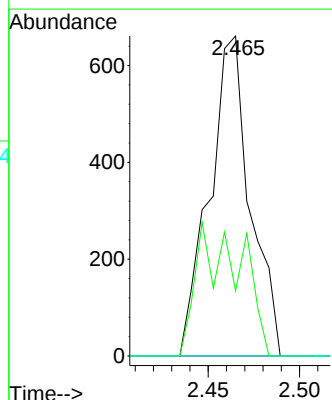
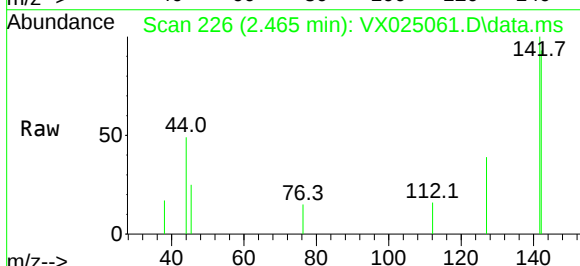
Tgt Ion: 142 Resp: 1025

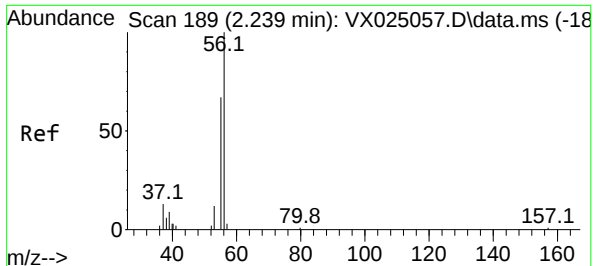
Ion Ratio Lower Upper

142 100

127 20.3 23.6 71.0#

141 51.7 7.1 21.3#

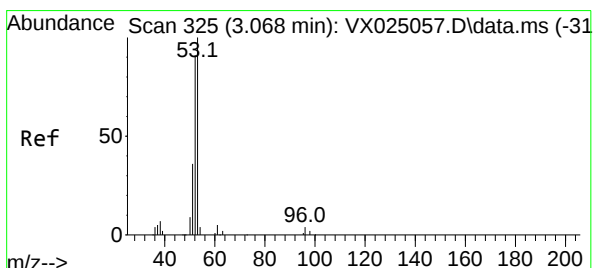
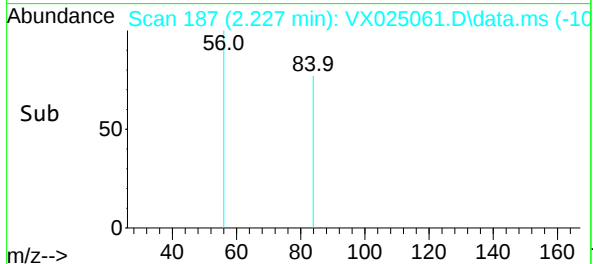
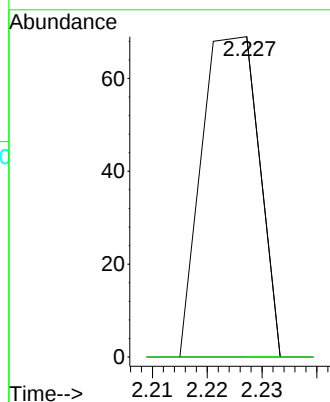
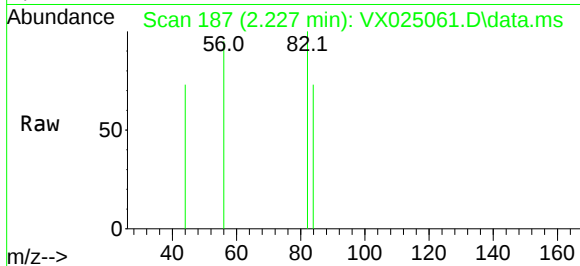




#13
Acrolein
Concen: 1.070 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

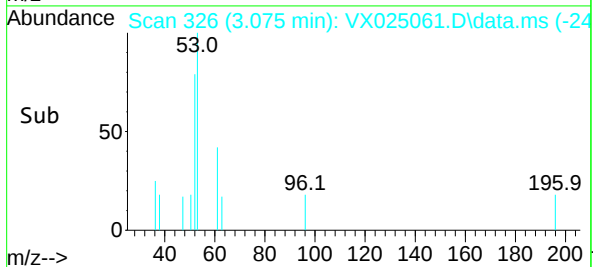
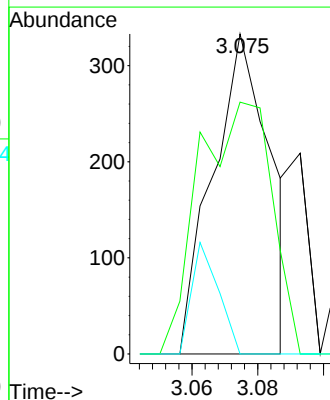
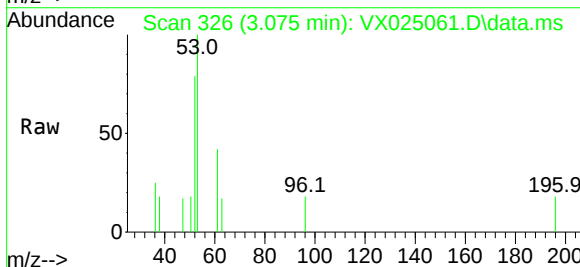
Instrument :
MSVOA_X
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IBLK

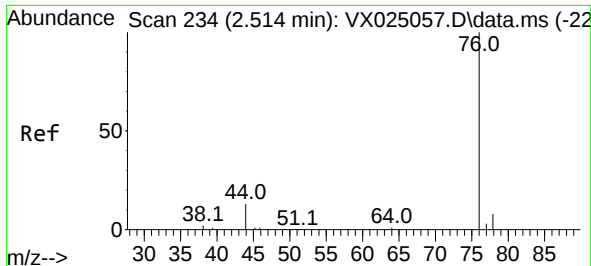
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 114.0 59.5 89.3#



#14
Acrylonitrile
Concen: 1.412 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 53 Resp: 408
Ion Ratio Lower Upper
53 100
52 99.3 40.4 121.2
51 15.9 18.1 54.1#

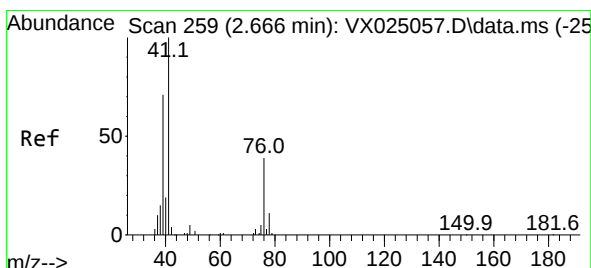
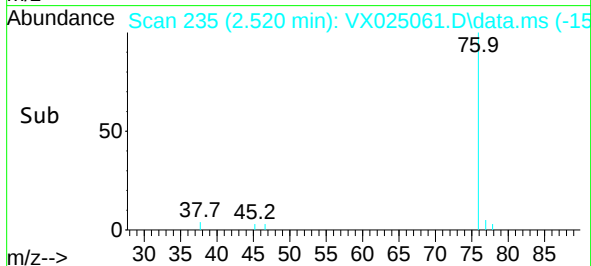
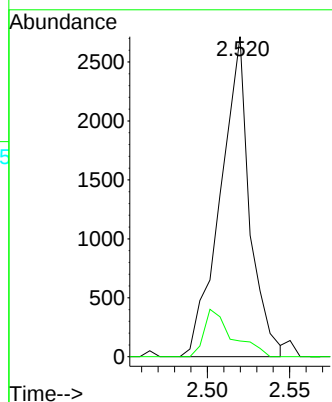
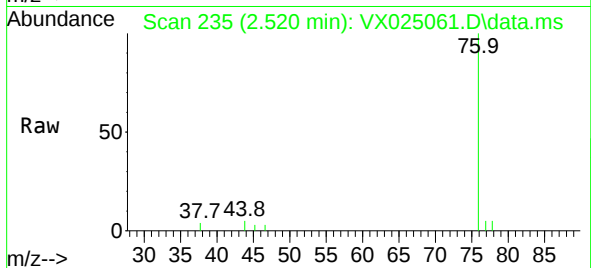




#16
Carbon Disulfide
Concen: 2.702 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

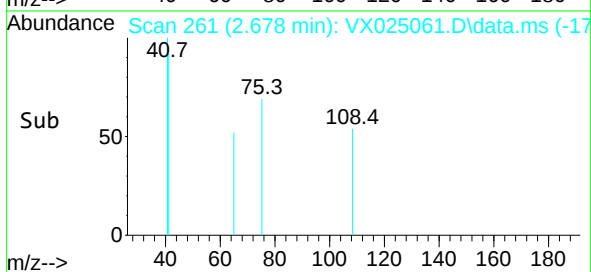
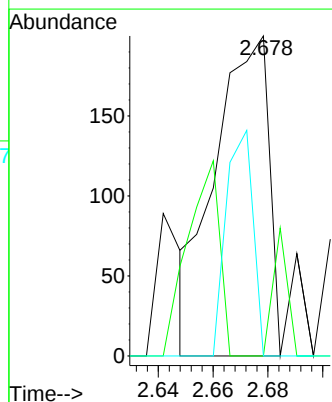
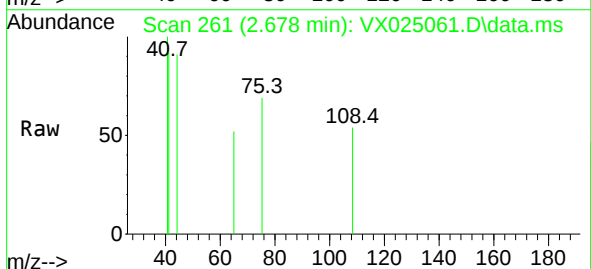
Instrument :
MSVOA_X
ClientSampleId :
IBLK

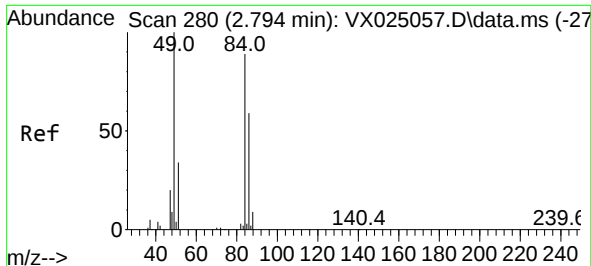
Tgt Ion: 76 Resp: 3369
Ion Ratio Lower Upper
76 100
78 4.9 7.3 10.9#



#17
Allyl chloride
Concen: 0.348 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.012 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 41 Resp: 271
Ion Ratio Lower Upper
41 100
39 0.0 36.4 109.3#
76 0.0 16.6 49.7#

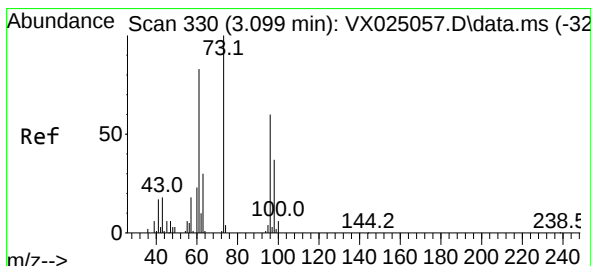
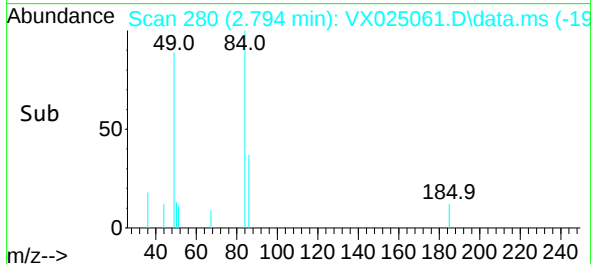
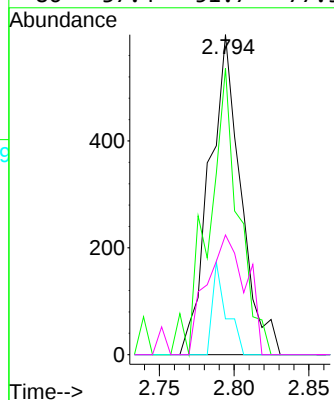
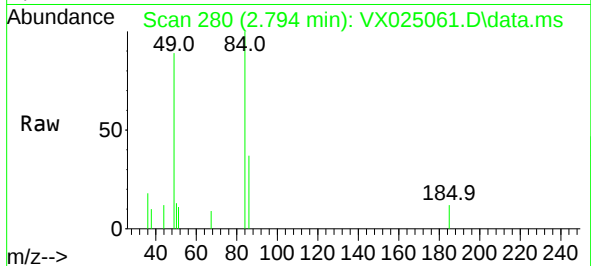




#18
Methylene Chloride
Concen: 1.541 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

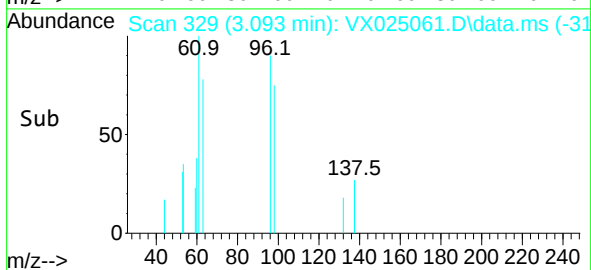
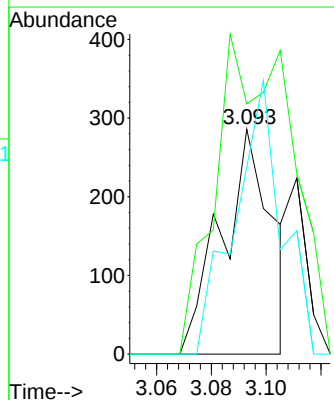
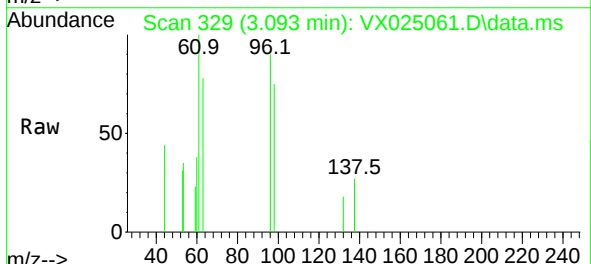
Instrument :
MSVOA_X
ClientSampleId :
IBLK

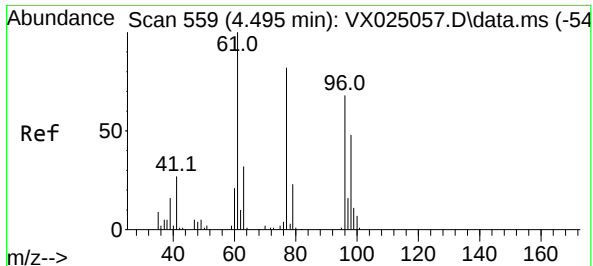
Tgt Ion:	84	Resp:	881
Ion	Ratio	Lower	Upper
84	100		
49	89.5	104.3	156.5#
51	11.2	30.3	45.5#
86	37.4	51.7	77.5#



#19
trans-1,2-Dichloroethene
Concen: 0.678 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion:	96	Resp:	364
Ion	Ratio	Lower	Upper
96	100		
61	111.2	109.2	163.8
98	83.2	50.8	76.2#

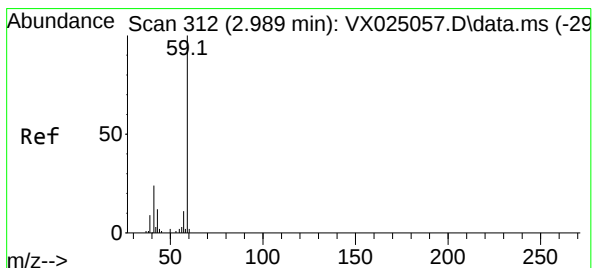
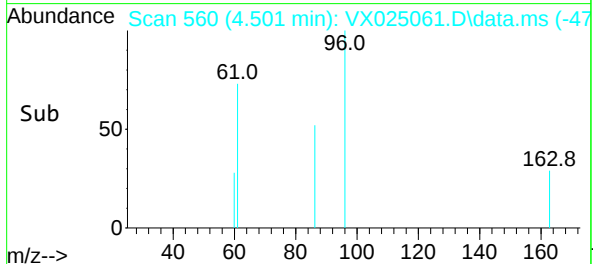
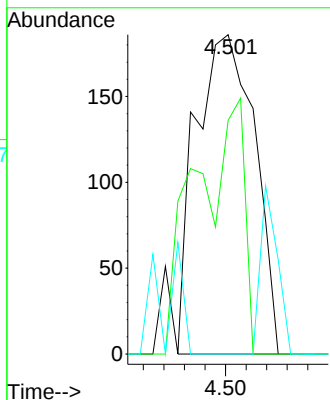
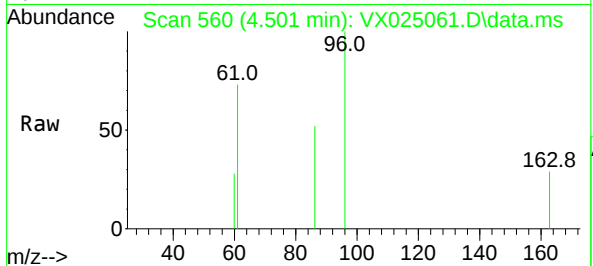




#22
 cis-1,2-Dichloroethene
 Concen: 0.584 ug/l
 RT: 4.501 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

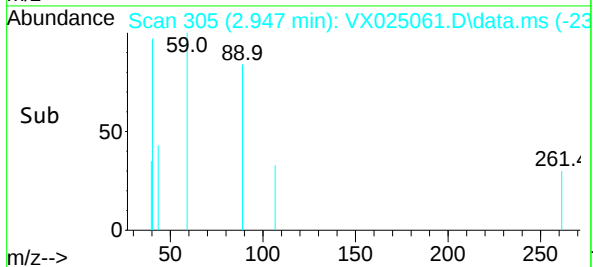
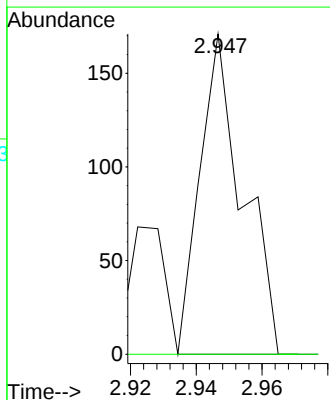
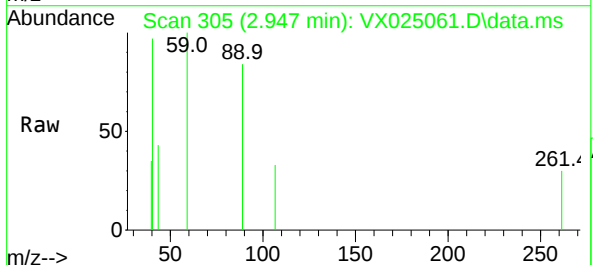
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

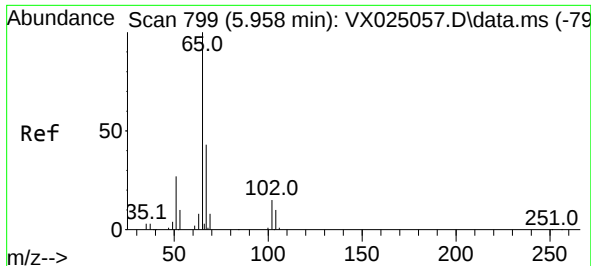
Tgt Ion: 96 Resp: 372
 Ion Ratio Lower Upper
 96 100
 61 28.0 114.5 171.7#
 98 15.1 51.3 76.9#



#23
 tert-Butyl Alcohol
 Concen: 0.876 ug/l
 RT: 2.947 min Scan# 305
 Delta R.T. -0.043 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

Tgt Ion: 59 Resp: 154
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

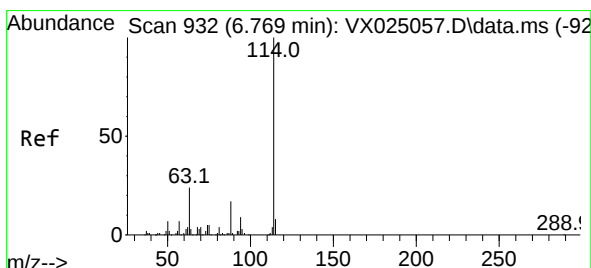
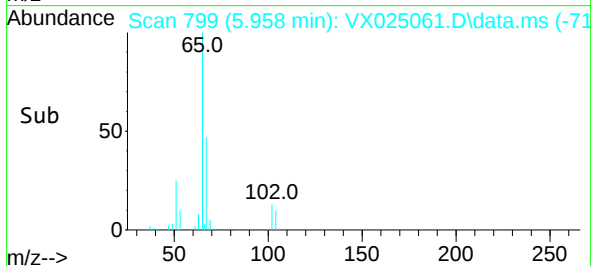
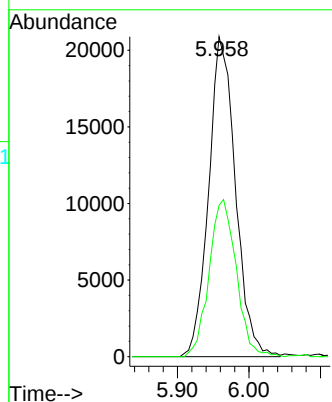
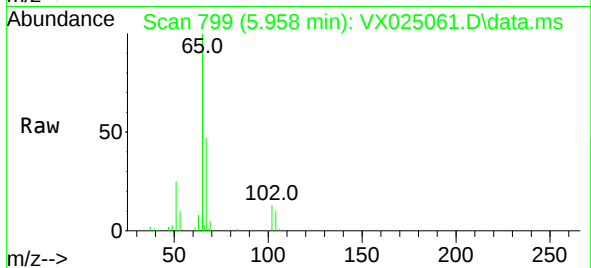




#27
1,2-Dichloroethane-d4
Concen: 57.511 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

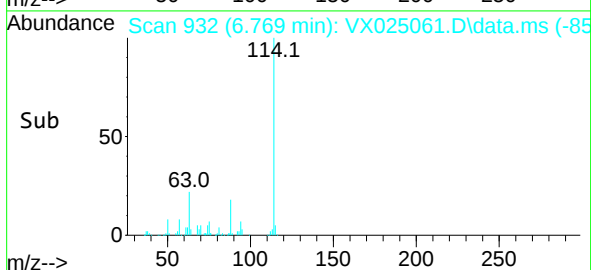
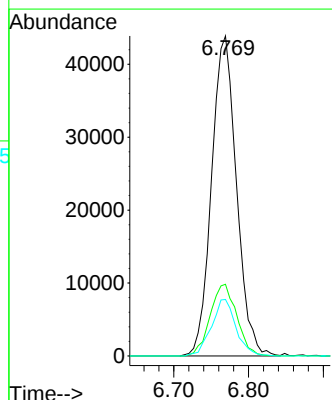
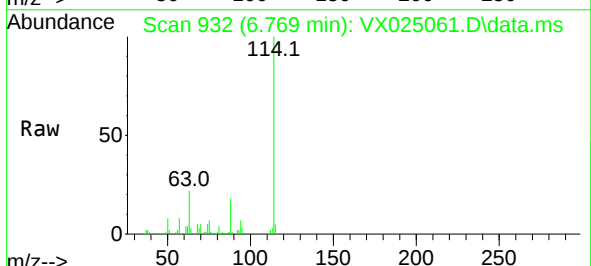
Instrument :
MSVOA_X
ClientSampleId :
IBLK

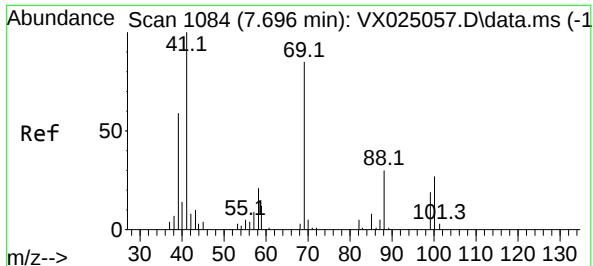
Tgt Ion: 65 Resp: 54432
Ion Ratio Lower Upper
65 100
67 49.3 42.4 63.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 114 Resp: 101827
Ion Ratio Lower Upper
114 100
63 23.9 16.4 24.6
88 17.5 12.7 19.1

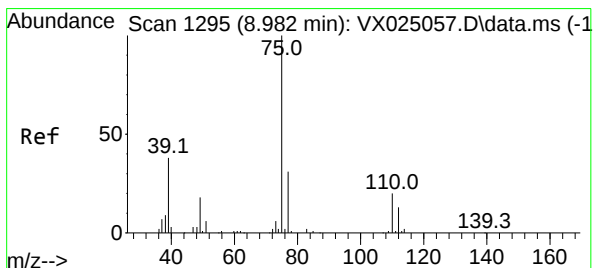
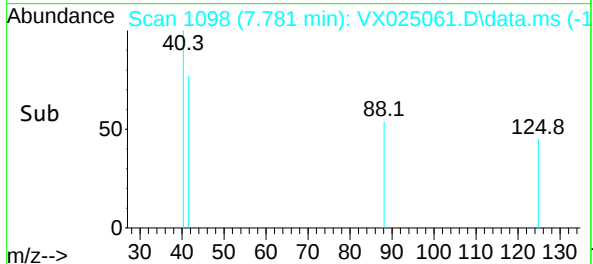
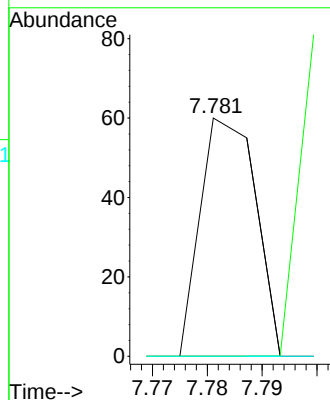
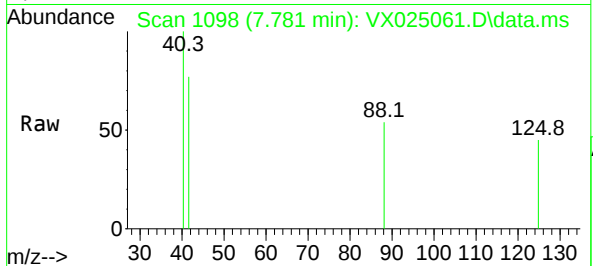




#45
1,4-Dioxane
Concen: 1.597 ug/l
RT: 7.781 min Scan# 1084
Delta R.T. 0.085 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

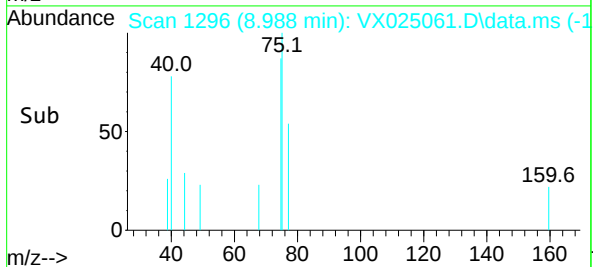
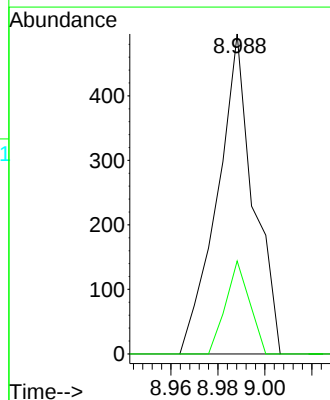
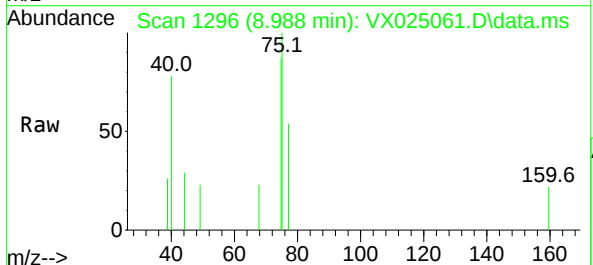
Instrument :
MSVOA_X
ClientSampleId :
IBLK

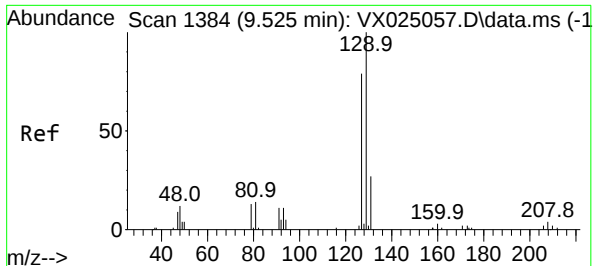
Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 209.5 25.3 37.9#
58 0.0 53.1 79.7#



#48
t-1,3-Dichloropropene
Concen: 0.261 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 75 Resp: 529
Ion Ratio Lower Upper
75 100
77 29.0 25.8 38.8

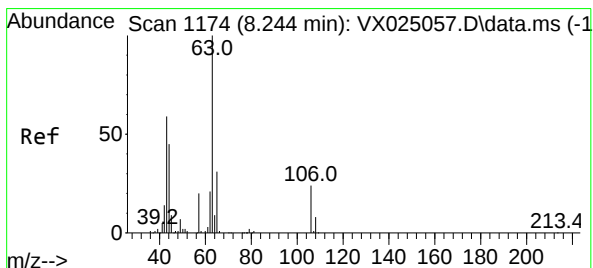
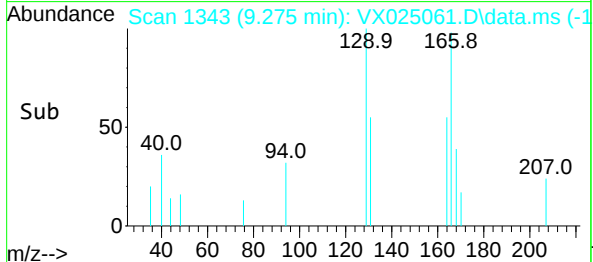
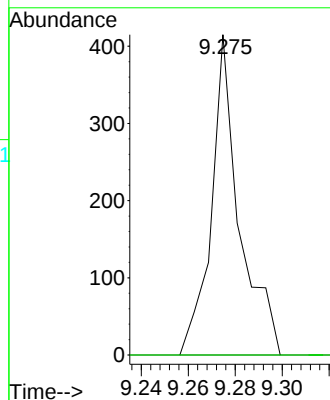
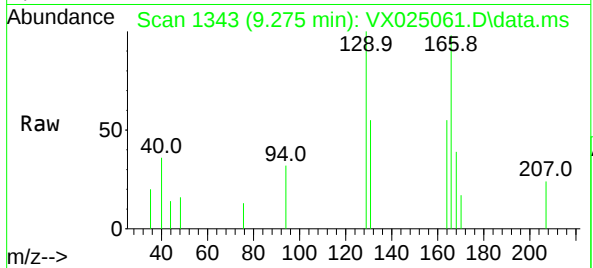




#53
Dibromochloromethane
Concen: 0.250 ug/l
RT: 9.275 min Scan# 1176
Delta R.T. -0.250 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

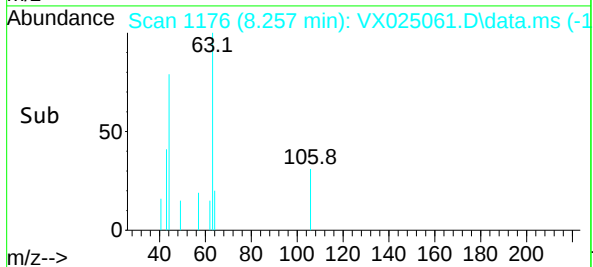
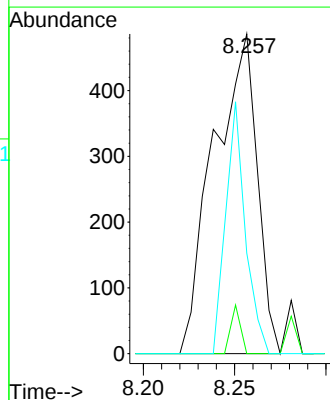
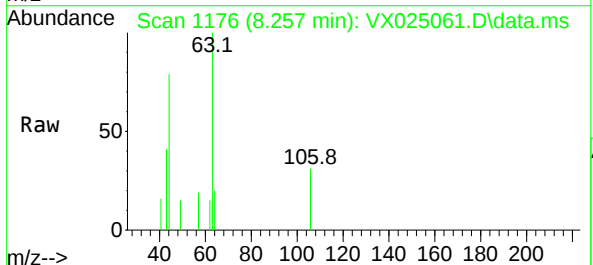
Instrument :
MSVOA_X
ClientSampleId :
IBLK

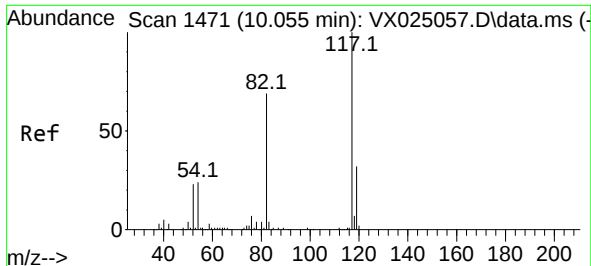
Tgt Ion:129 Resp: 343
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.9#



#55
2-Chloroethyl vinyl ether
Concen: 0.930 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 63 Resp: 802
Ion Ratio Lower Upper
63 100
65 0.0 25.8 38.6#
106 35.7 21.8 32.8#

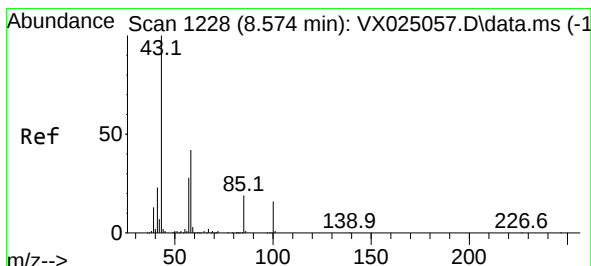
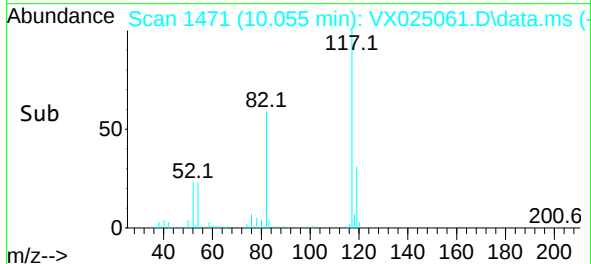
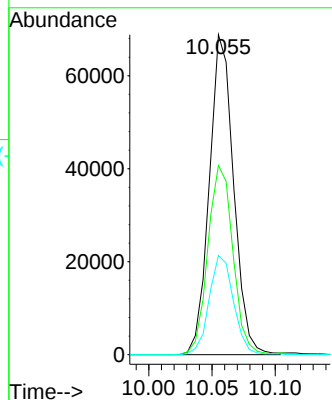
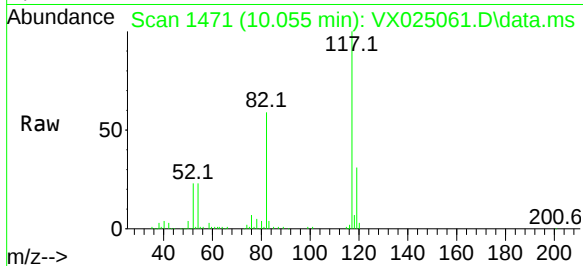




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

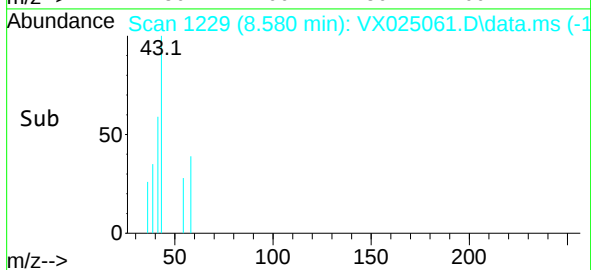
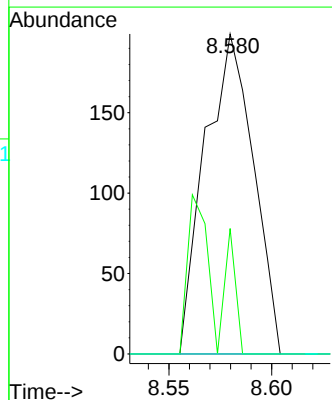
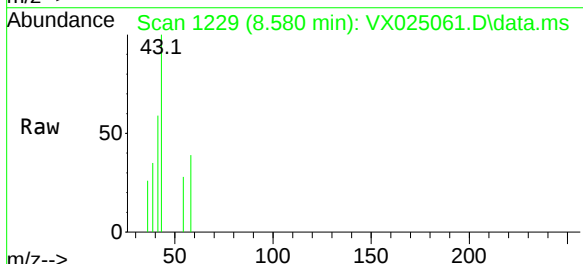
Instrument :
MSVOA_X
ClientSampleId :
IBLK

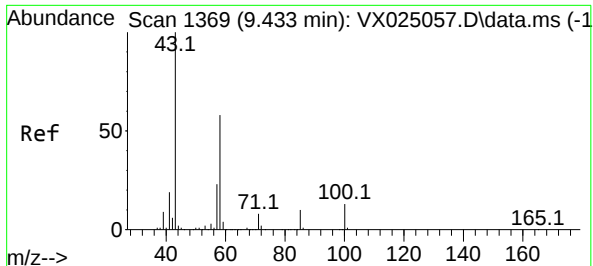
Tgt Ion:117 Resp: 92056
Ion Ratio Lower Upper
117 100
82 60.9 45.0 67.4
119 31.2 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 0.210 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 8.9 30.5 45.7#
85 0.0 14.0 21.0#





#59

2-Hexanone

Concen: 0.329 ug/l

RT: 9.445 min Scan# 1369

Delta R.T. 0.012 min

Lab File: VX025061.D

Acq: 03 Nov 2021 20:09

Instrument :

MSVOA_X

ClientSampleId :

IBLK

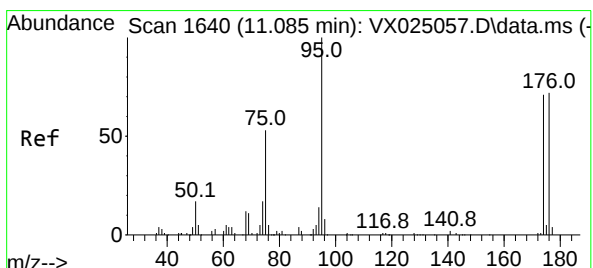
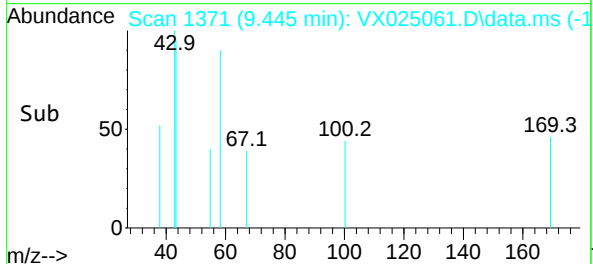
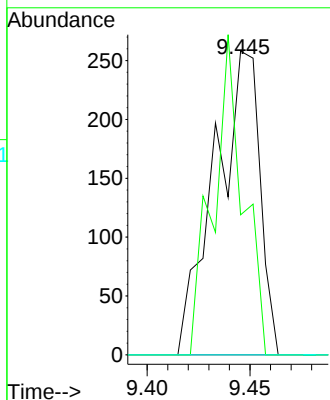
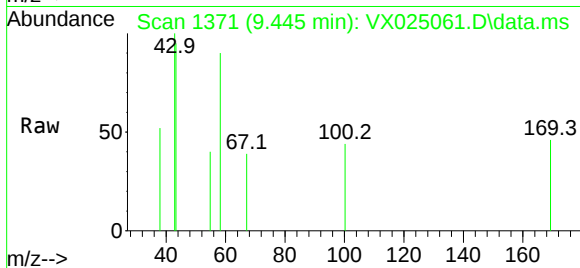
Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 70.7 42.1 63.1#

57 17.9 14.9 22.3



#60

4-Bromofluorobenzene

Concen: 27.735 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX025061.D

Acq: 03 Nov 2021 20:09

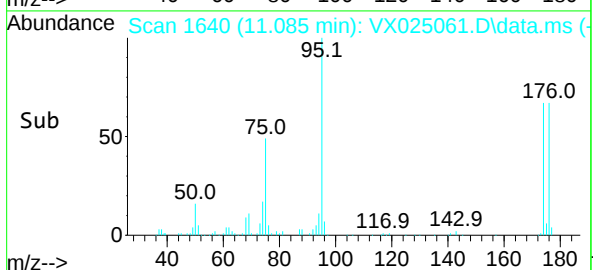
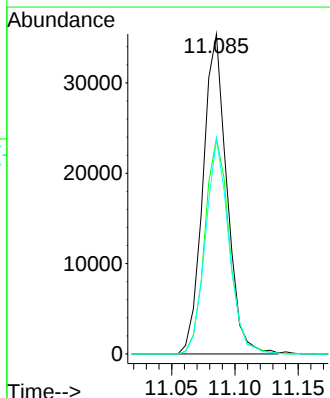
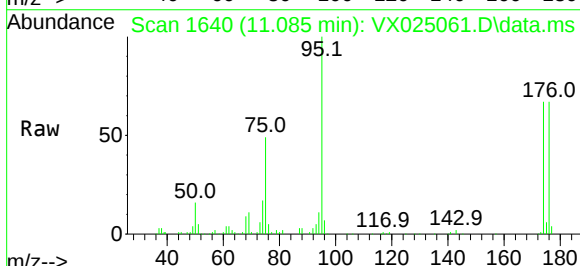
Tgt Ion: 95 Resp: 46585

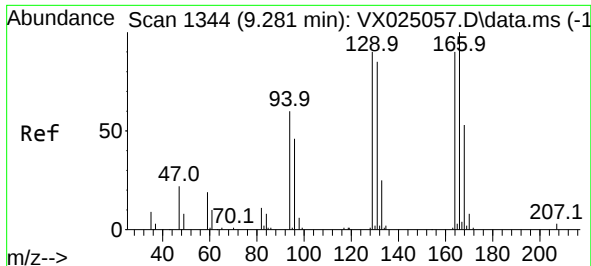
Ion Ratio Lower Upper

95 100

174 68.9 63.5 95.3

176 65.9 63.0 94.4



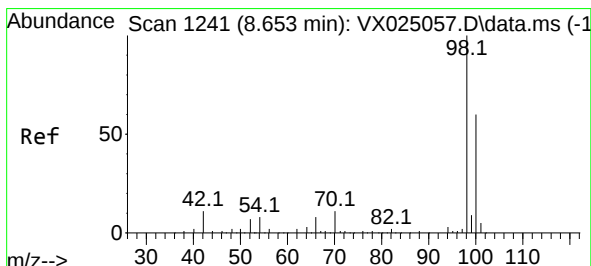
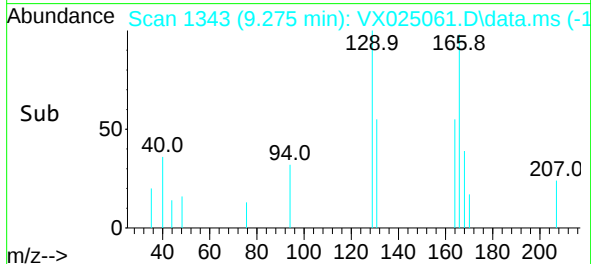
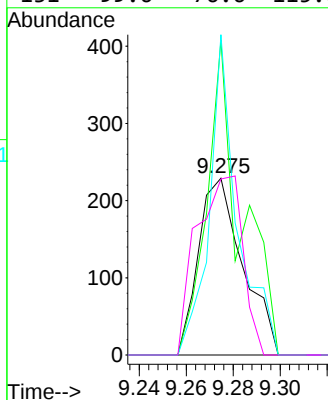
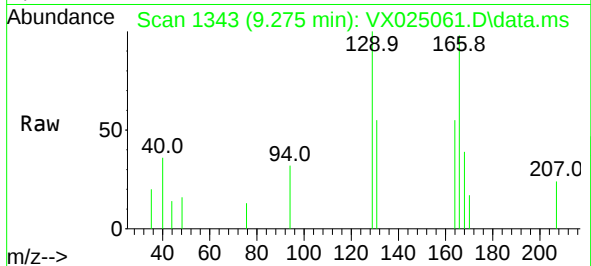


#61
Tetrachloroethene
Concen: 0.278 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 300

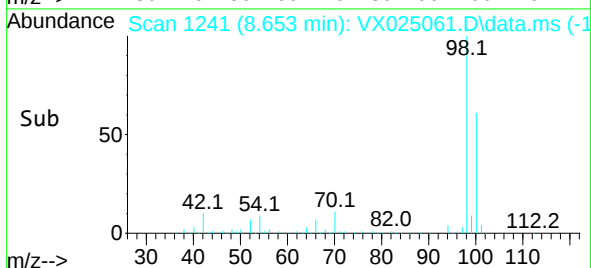
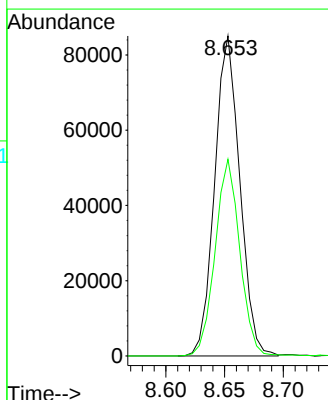
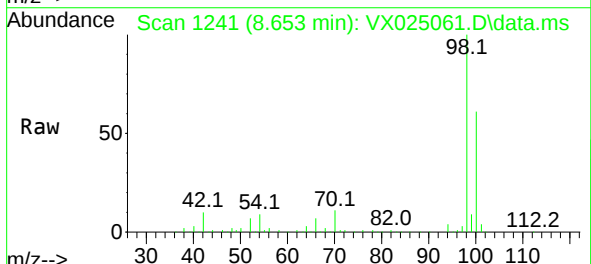
Ion	Ratio	Lower	Upper
164	100		
166	178.2	98.6	147.8#
129	181.2	79.7	119.5#
131	99.6	76.6	115.0

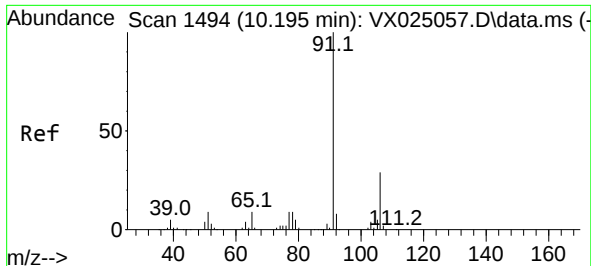


#63
Toluene-d8
Concen: 29.836 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 98 Resp: 126854

Ion	Ratio	Lower	Upper
98	100		
100	60.3	51.4	77.0

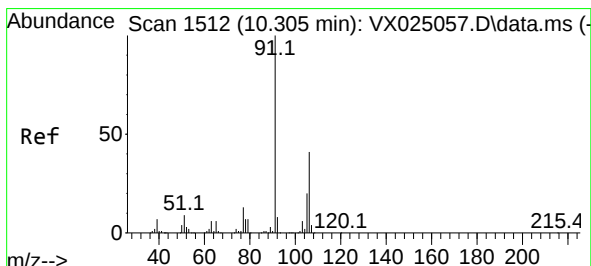
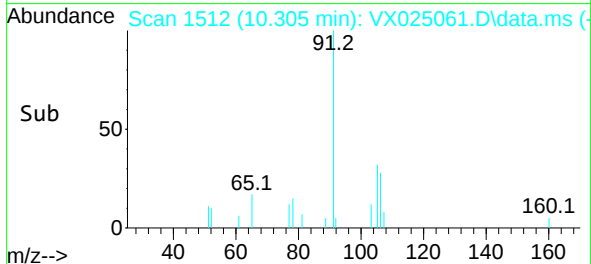
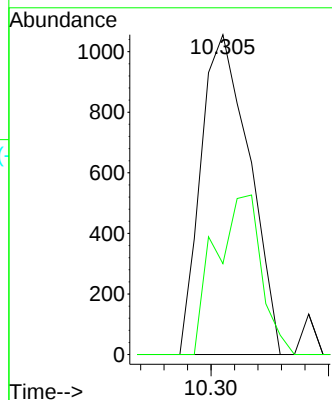
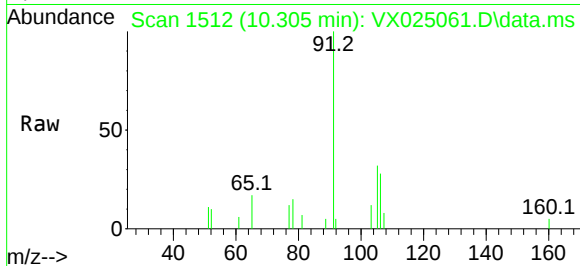




#66
Ethyl Benzene
Concen: 0.272 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.110 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

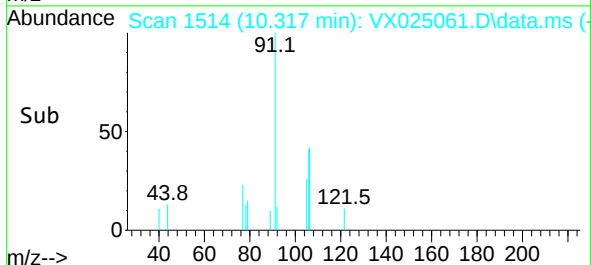
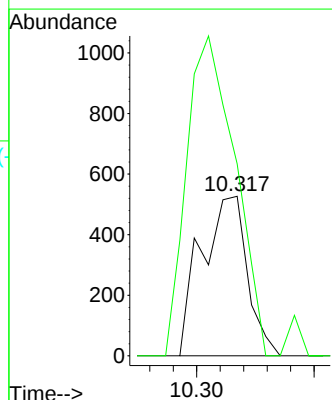
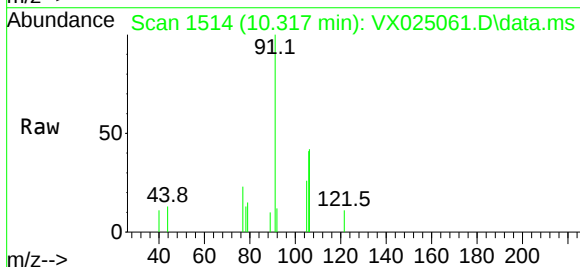
Instrument :
MSVOA_X
ClientSampleId :
IBLK

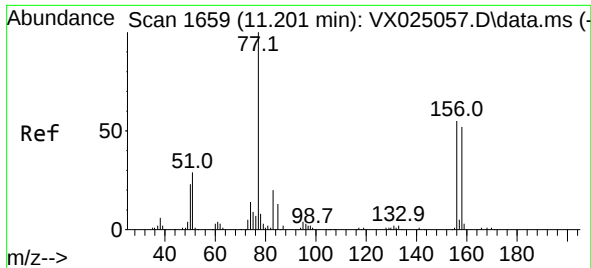
Tgt Ion: 91 Resp: 1514
Ion Ratio Lower Upper
91 100
106 28.4 24.7 37.1



#67
m/p-Xylenes
Concen: 0.375 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 106 Resp: 718
Ion Ratio Lower Upper
106 100
91 210.9 162.4 243.6

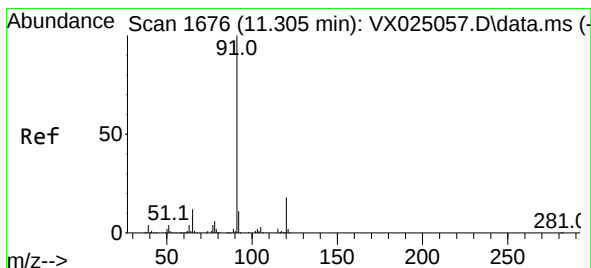
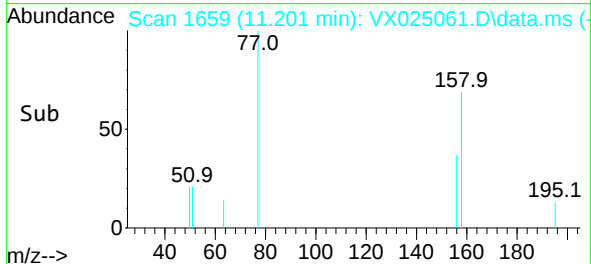
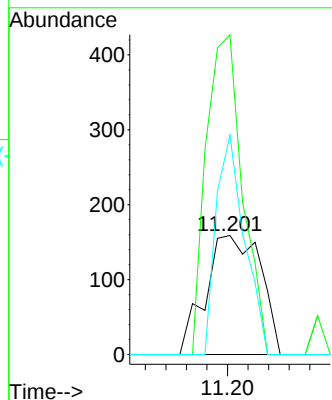
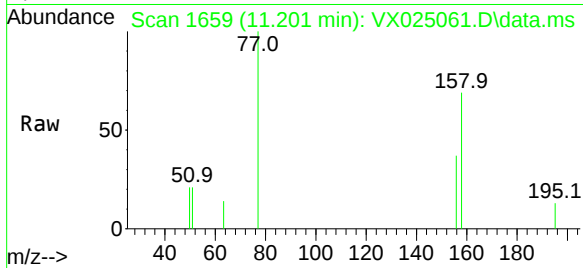




#73
Bromobenzene
Concen: 0.244 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

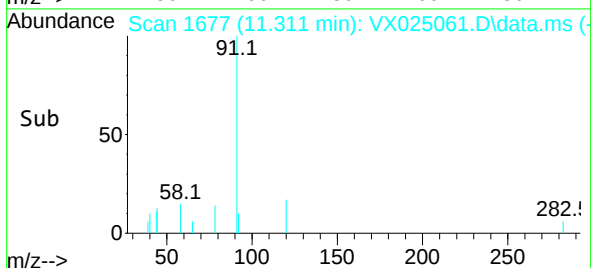
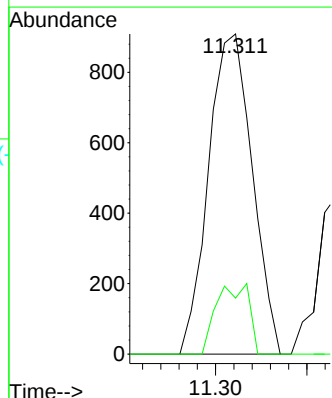
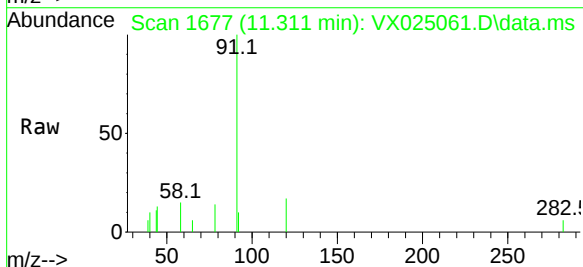
Instrument :
MSVOA_X
ClientSampleId :
IBLK

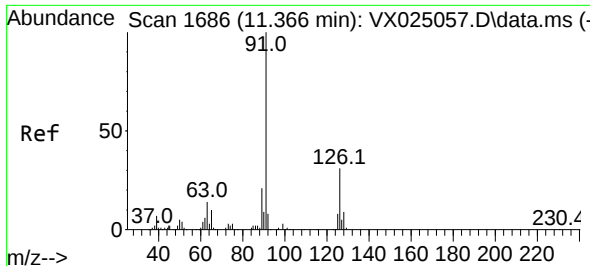
Tgt Ion:	156	Resp:	296
Ion	Ratio	Lower	Upper
156	100		
77	177.4	0.0	303.2
158	94.9	0.0	197.2



#74
n-propylbenzene
Concen: 0.235 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion:	91	Resp:	1511
Ion	Ratio	Lower	Upper
91	100		
120	16.3	0.0	46.0

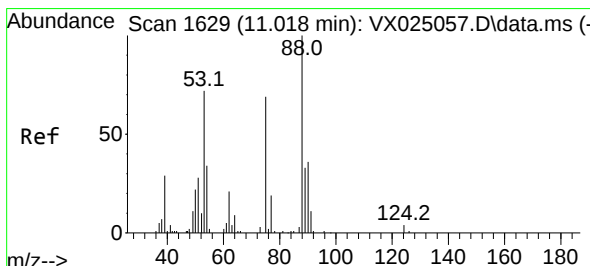
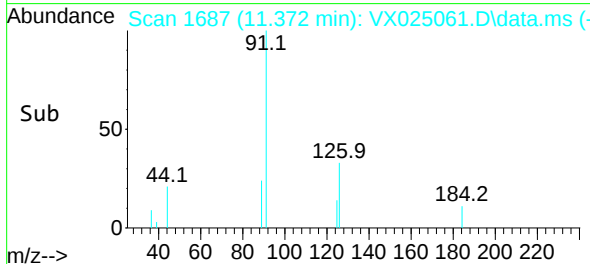
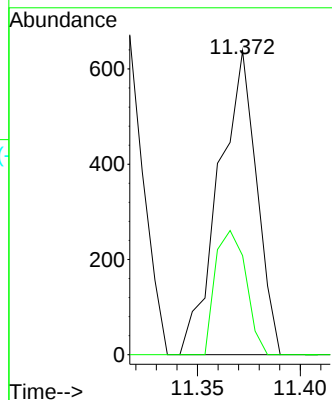
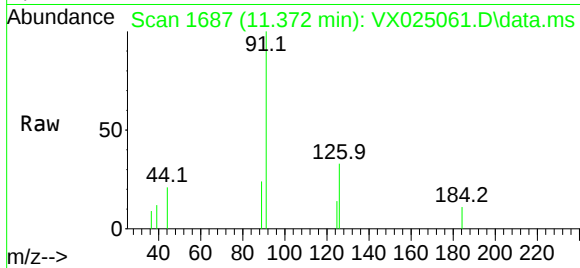




#75
2-Chlorotoluene
Concen: 0.203 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

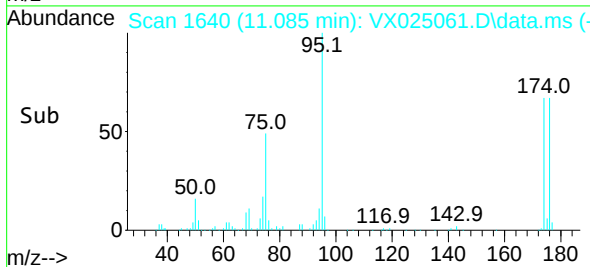
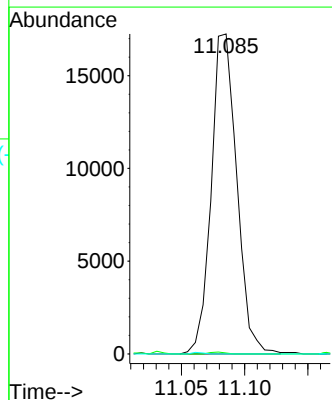
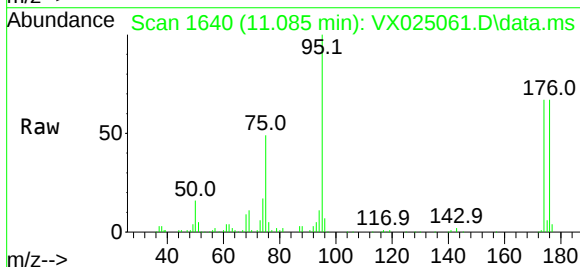
Instrument :
MSVOA_X
ClientSampleId :
IBLK

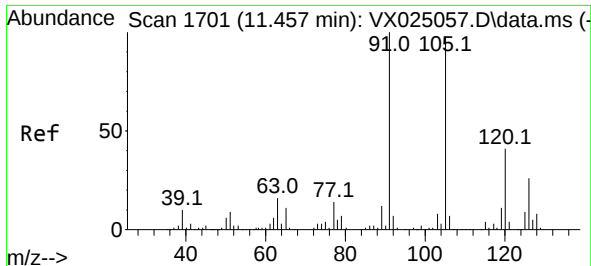
Tgt Ion: 91 Resp: 819
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.0



#77
t-1,4-Dichloro-2-butene
Concen: 41.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 75 Resp: 24210
Ion Ratio Lower Upper
75 100
53 0.3 53.9 161.7#
89 0.0 22.9 68.7#

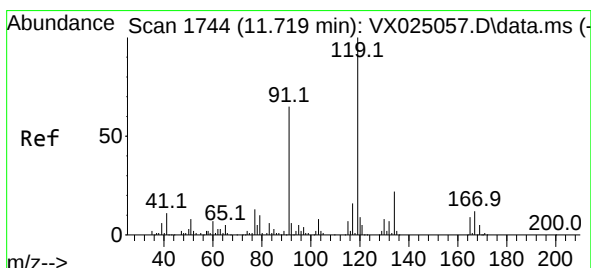
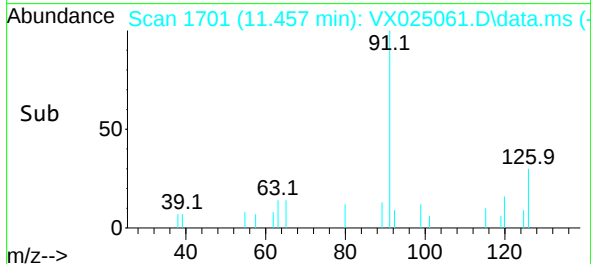
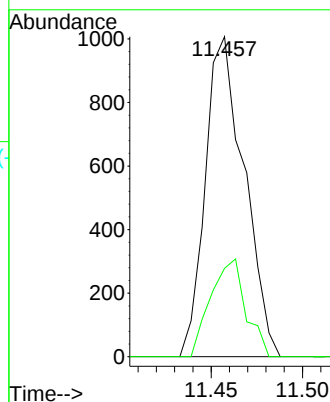
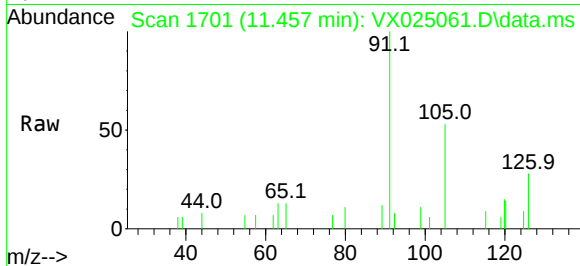




#78
4-Chlorotoluene
Concen: 0.323 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

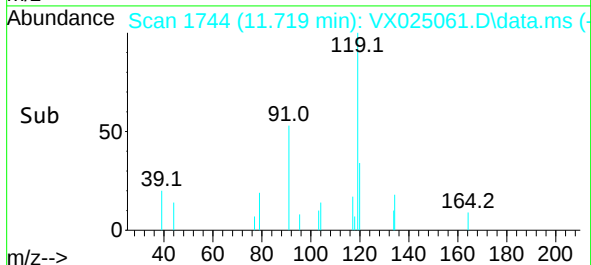
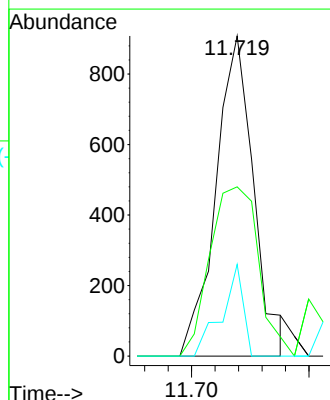
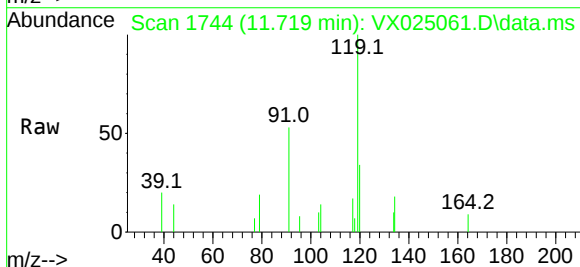
Instrument :
MSVOA_X
ClientSampleId :
IBLK

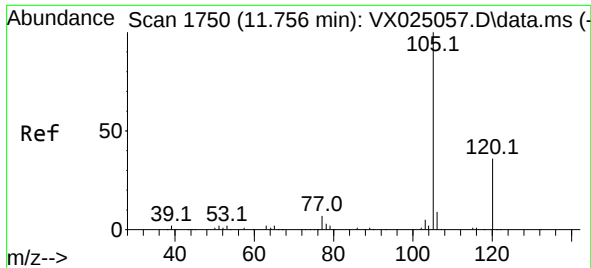
Tgt Ion: 91 Resp: 1490
Ion Ratio Lower Upper
91 100
126 27.5 0.0 59.6



#79
tert-butylbenzene
Concen: 0.228 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 119 Resp: 1017
Ion Ratio Lower Upper
119 100
91 67.7 0.0 121.2
134 16.2 0.0 47.4

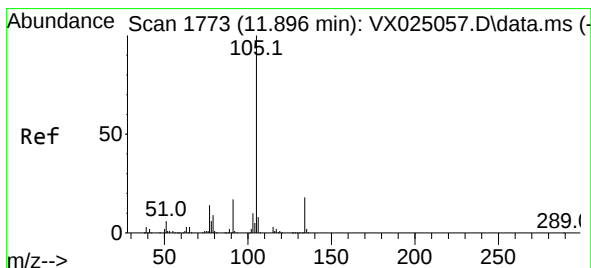
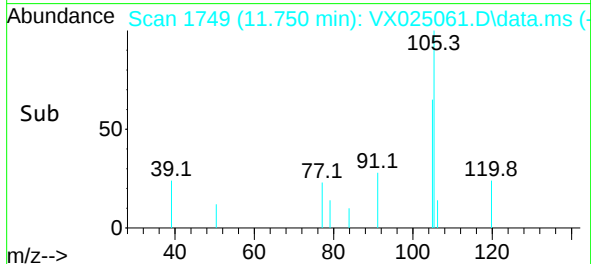
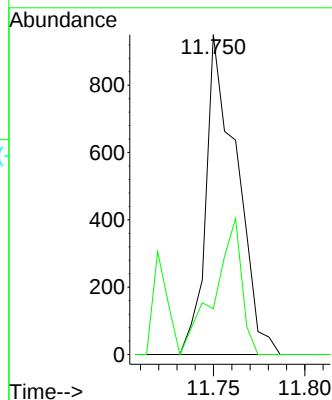
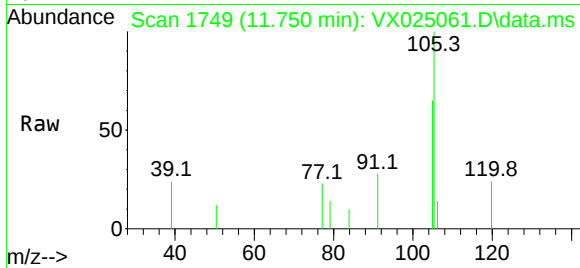




#80
1,2,4-Trimethylbenzene
Concen: 0.238 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

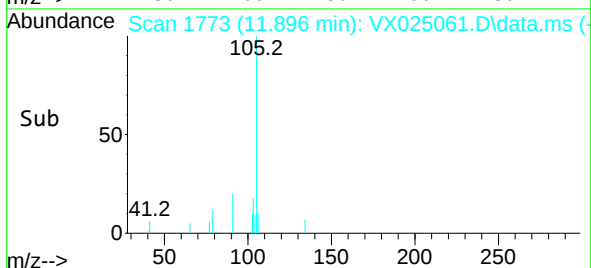
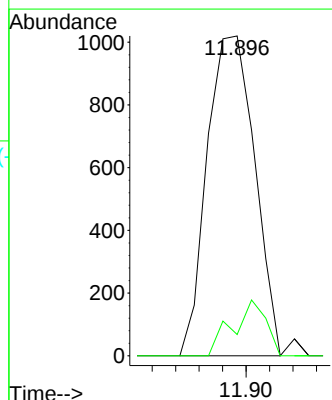
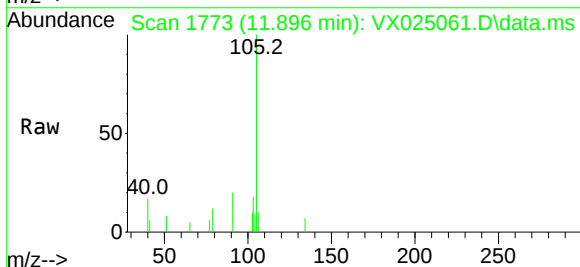
Instrument :
MSVOA_X
ClientSampleId :
IBLK

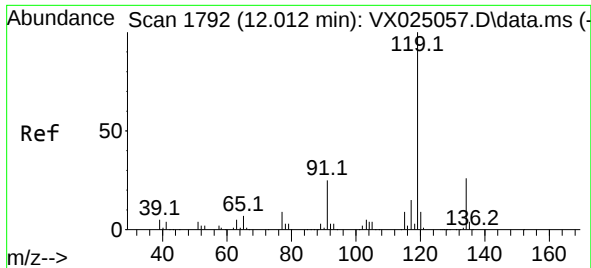
Tgt Ion:105 Resp: 1111
Ion Ratio Lower Upper
105 100
120 37.7 0.0 90.4



#81
sec-Butylbenzene
Concen: 0.259 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion:105 Resp: 1439
Ion Ratio Lower Upper
105 100
134 12.1 0.0 40.2

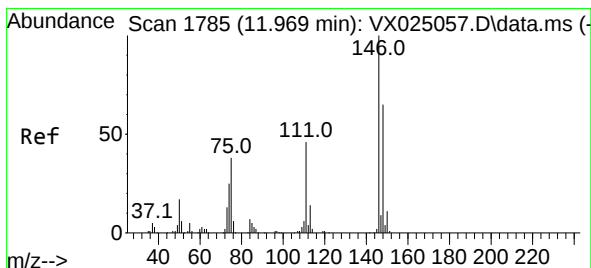
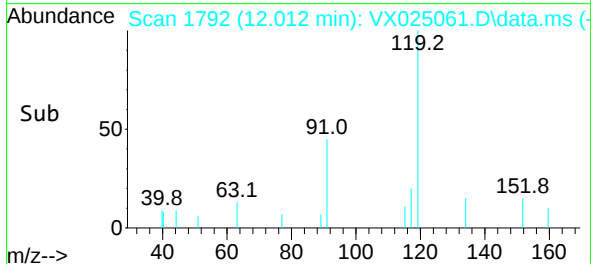
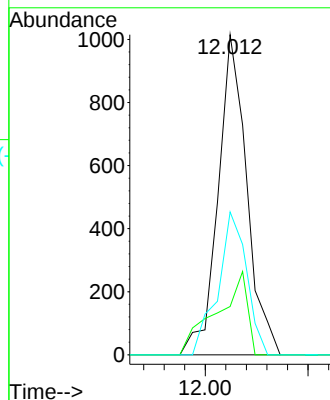
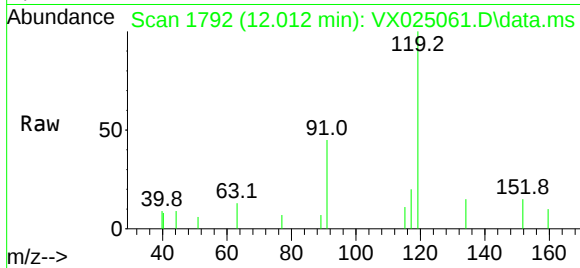




#82
p-Isopropyltoluene
Concen: 0.213 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

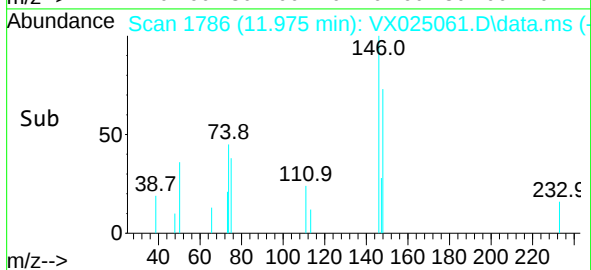
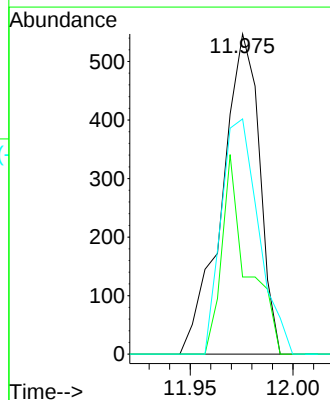
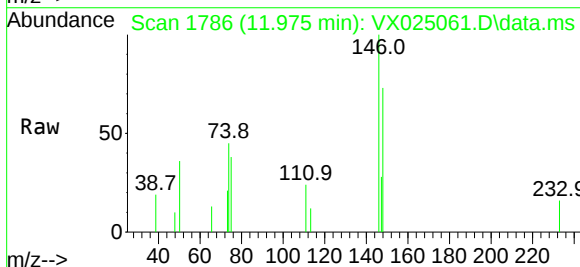
Instrument :
MSVOA_X
ClientSampleId :
IBLK

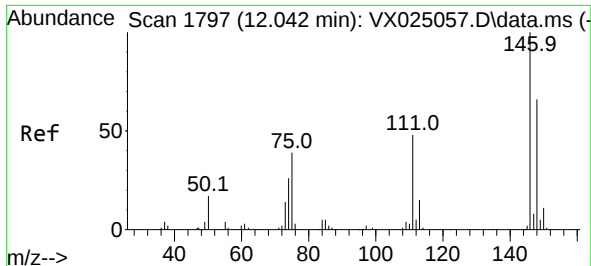
Tgt Ion:	119	Resp:	982
Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	52.8
91	44.8	0.0	48.6



#83
1,3-Dichlorobenzene
Concen: 0.310 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion:	146	Resp:	699
Ion	Ratio	Lower	Upper
146	100		
111	29.8	20.1	60.2
148	73.0	31.9	95.5

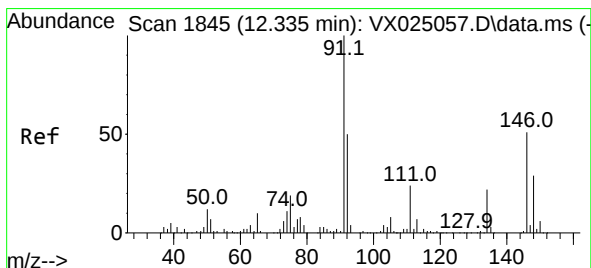
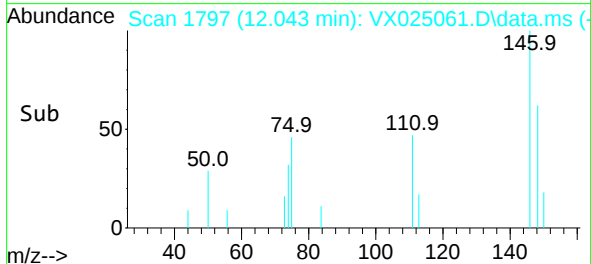
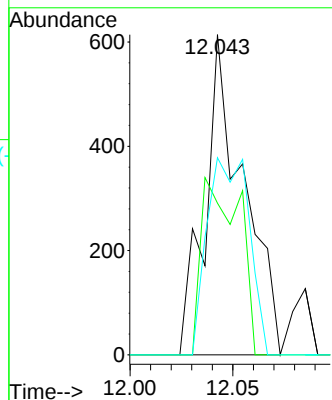
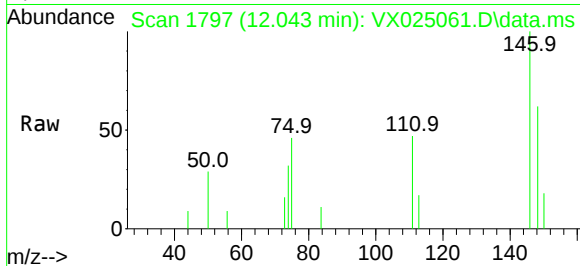




#84
1,4-Dichlorobenzene
Concen: 0.352 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

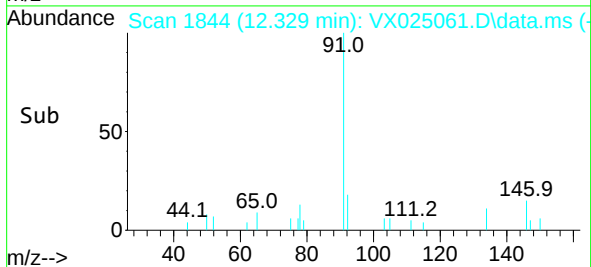
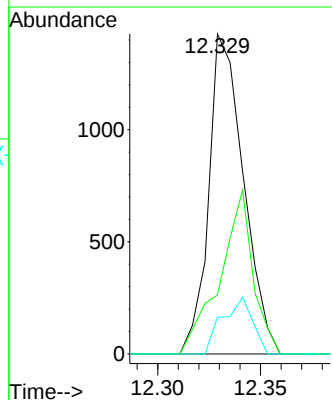
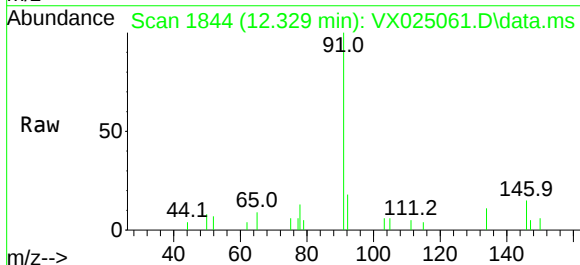
Instrument :
MSVOA_X
ClientSampleId :
IBLK

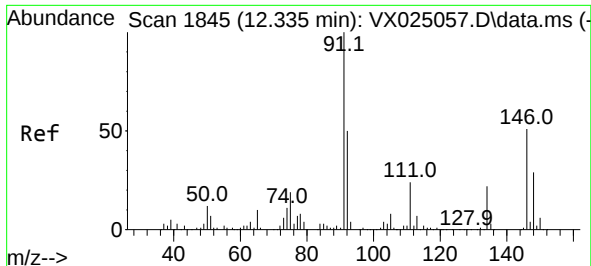
Tgt Ion:146 Resp: 792
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.9
148 67.7 31.4 94.2



#85
n-Butylbenzene
Concen: 0.399 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

Tgt Ion: 91 Resp: 1677
Ion Ratio Lower Upper
91 100
92 48.7 0.0 105.4
134 15.3 0.0 52.4

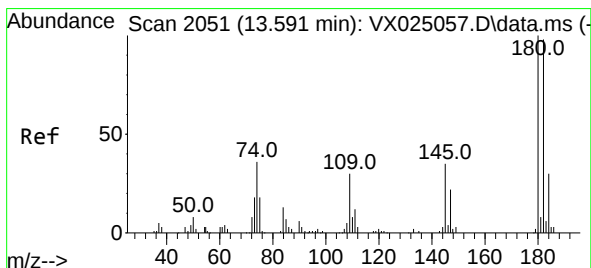
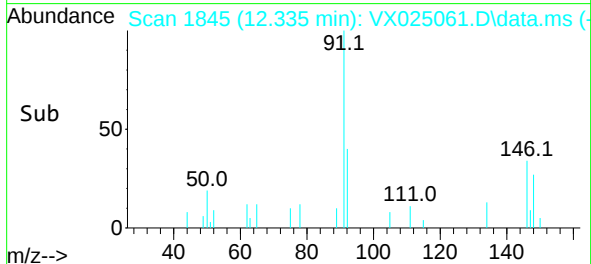
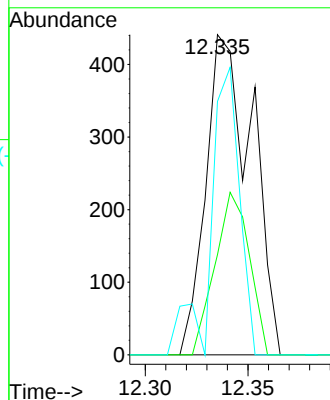
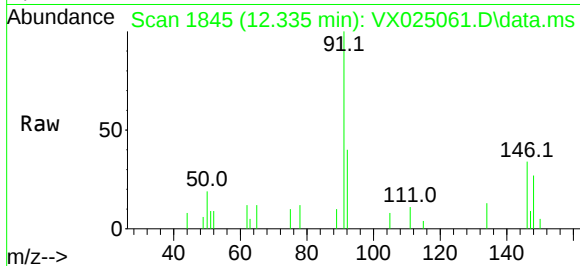




#87
 1,2-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

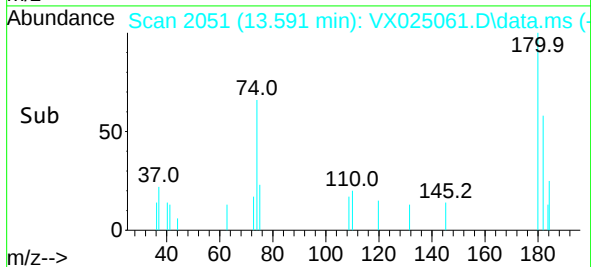
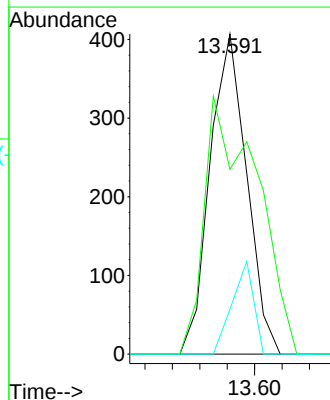
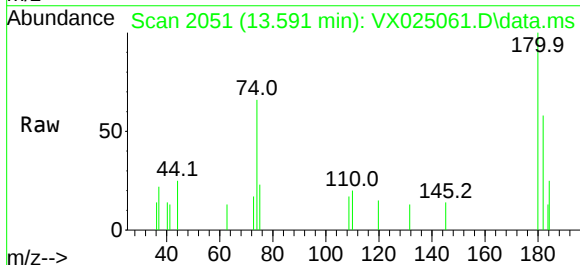
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

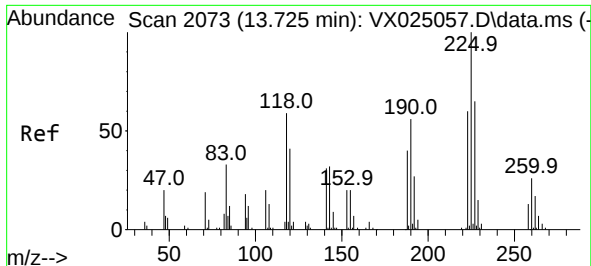
Tgt Ion:	146	Resp:	687
Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.7	62.1
148	48.8	32.6	97.8



#89
 1,2,4-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

Tgt Ion:	180	Resp:	379
Ion	Ratio	Lower	Upper
180	100		
182	60.9	75.9	113.9#
145	16.9	24.2	36.4#

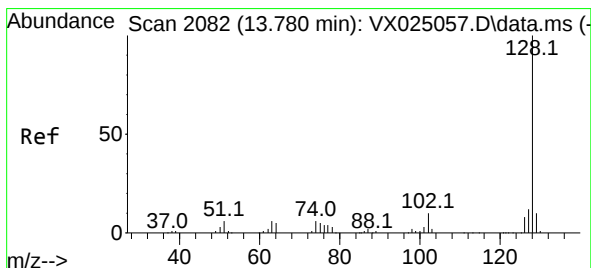
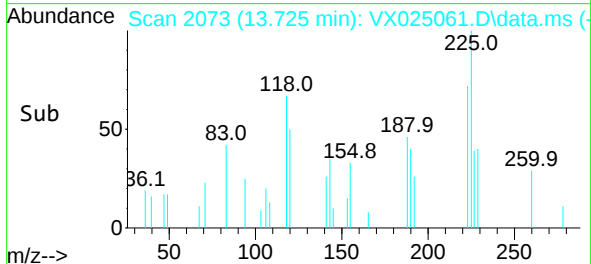
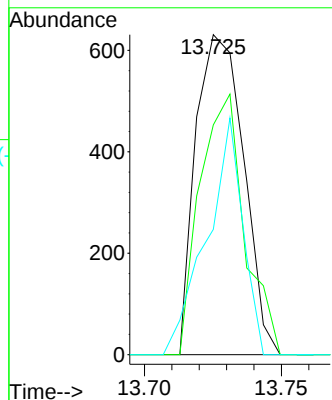
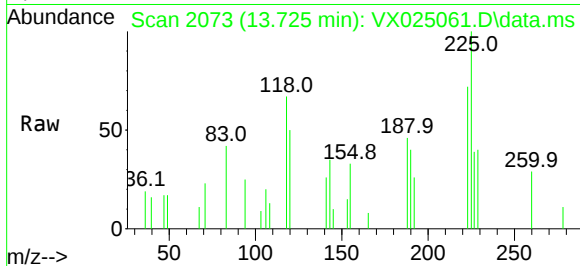




#90
Hexachlorobutadiene
Concen: 1.128 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

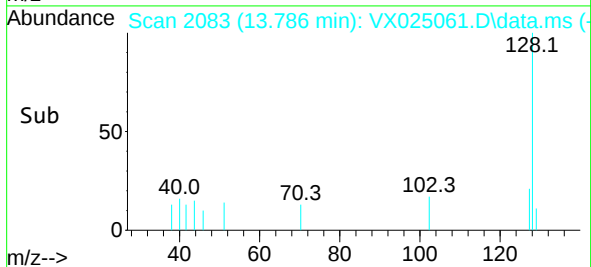
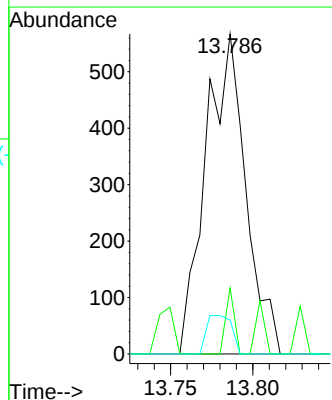
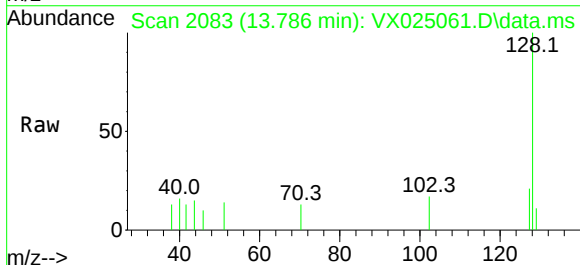
Instrument :
MSVOA_X
ClientSampleId :
IBLK

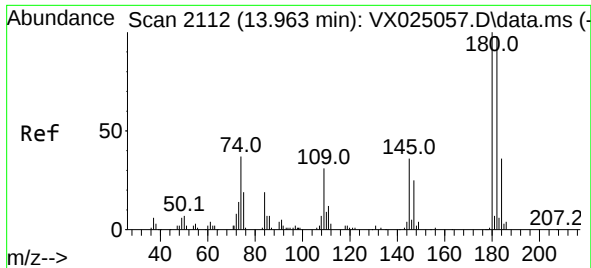
Tgt Ion:	225	Resp:	767
Ion	Ratio	Lower	Upper
225	100		
223	75.7	0.0	126.4
227	55.7	0.0	125.0



#91
Naphthalene
Concen: 0.209 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025061.D
Acq: 03 Nov 2021 20:09

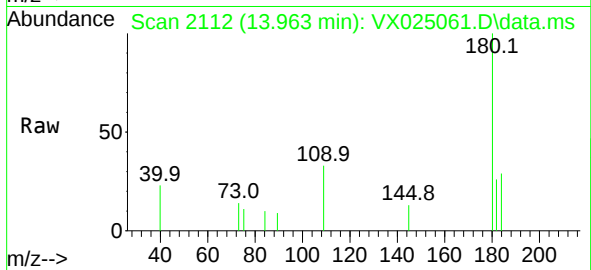
Tgt Ion:	128	Resp:	961
Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.1	15.1#
129	7.5	8.6	12.8#





#92
 1,2,3-Trichlorobenzene
 Concen: 0.421 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX025061.D
 Acq: 03 Nov 2021 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	578
Ion	Ratio	Lower	Upper
180	100		
182	39.6	0.0	193.4
145	7.8	0.0	64.4

