

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027108.D
 Acq On : 18 Feb 2022 14:30
 Operator : JC/MD
 Sample : N1583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220216018-02-VOA

Quant Time: Feb 21 00:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	12676	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	71298	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	63054	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	27759	30.286	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.967%	
60) 4-Bromofluorobenzene	11.079	95	30049	29.306	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.700%	
63) Toluene-d8	8.653	98	83654	29.591	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.633%	
Target Compounds					Qvalue	
4) Vinyl Chloride	1.373	62	241	0.349	ug/l	94
5) Bromomethane	1.611	94	90	0.267	ug/l #	68
8) Diethyl Ether	2.135	74	1066	2.758	ug/l	83
13) Acrolein	2.410	56	349	1.975	ug/l #	21
15) Acetone	2.379	58	585	4.591	ug/l	84
16) Carbon Disulfide	2.513	76	865	0.449	ug/l #	74
17) Allyl chloride	2.641	41	6570	4.978	ug/l #	36
22) cis-1,2-Dichloroethene	4.495	96	344	0.373	ug/l	95
23) tert-Butyl Alcohol	2.958	59	1210646	6511.995	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	7454	2.887	ug/l #	77
30) 2-Butanone	4.580	43	45814	67.349	ug/l #	77
31) 2,2-Dichloropropane	4.580	77	65442	65.590	ug/l #	51
34) Benzene	6.049	78	6829	2.052	ug/l	97
35) Methacrylonitrile	5.007	41	143811	204.337	ug/l #	44
36) 1,2-Dichloroethane	6.092	62	499	0.417	ug/l #	74
43) Ethyl Acetate	4.678	43	3207	2.465	ug/l #	64
44) Isopropyl Acetate	6.348	43	1409	0.700	ug/l #	56
45) 1,4-Dioxane	7.665	88	2412	117.348	ug/l	95
50) 1,1,2-Trichloroethane	9.079	97	418	0.505	ug/l #	16
51) Ethyl methacrylate	8.842	69	302	0.229	ug/l	74
56) Bromoform	11.085	173	155	0.260	ug/l #	1
58) 4-Methyl-2-Pentanone	8.573	43	15956	12.303	ug/l	91
59) 2-Hexanone	9.433	43	2284	2.318	ug/l #	84
62) Toluene	8.726	91	12598	3.528	ug/l	97
64) Chlorobenzene	10.085	112	1629	0.737	ug/l #	80
66) Ethyl Benzene	10.195	91	1938	0.493	ug/l	95
67) m/p-Xylenes	10.299	106	11512	7.579	ug/l	97
68) o-Xylene	10.646	106	9842	6.600	ug/l	100
69) Styrene	10.652	104	888	0.359	ug/l #	1
70) Isopropylbenzene	10.963	105	1376	0.356	ug/l	100
75) 2-Chlorotoluene	11.378	91	1347	0.492	ug/l	83
76) 1,3,5-Trimethylbenzene	11.451	105	3419	1.056	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	233	0.707	ug/l #	20
78) 4-Chlorotoluene	11.378	91	1347	0.441	ug/l	89
79) tert-butylbenzene	11.975	119	979	0.317	ug/l	72
80) 1,2,4-Trimethylbenzene	11.756	105	7191	2.225	ug/l	98
82) p-Isopropyltoluene	12.012	119	1640	0.493	ug/l	85
83) 1,3-Dichlorobenzene	12.042	146	8473	4.812	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	8473	4.794	ug/l	96

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 05:14:00 2022
Response via : Initial Calibration

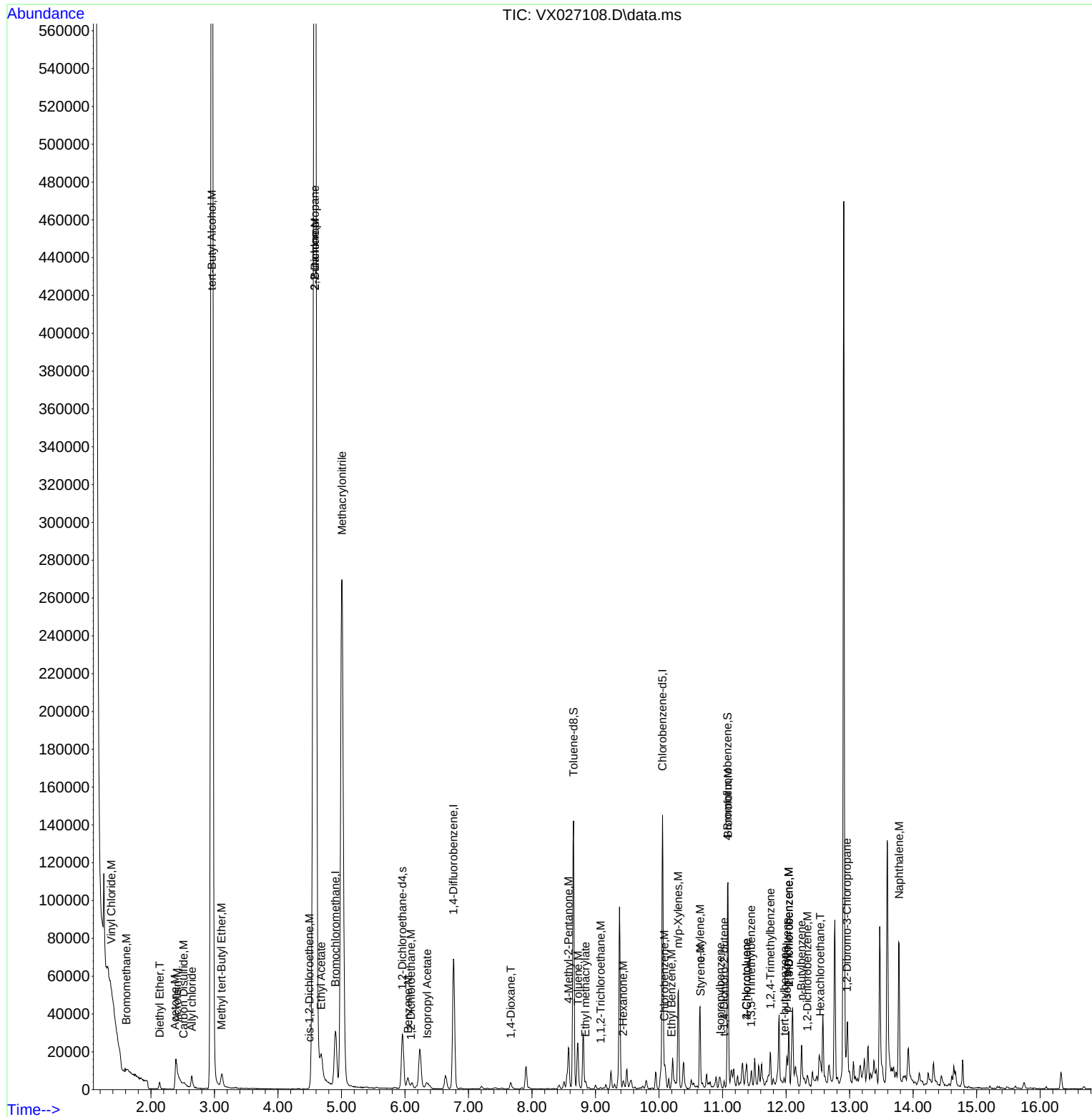
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) n-Butylbenzene	12.243	91	1487	0.539	ug/l	54
86) Hexachloroethane	12.536	117	187	0.354	ug/l #	13
87) 1,2-Dichlorobenzene	12.335	146	1110	0.649	ug/l	92
88) 1,2-Dibromo-3-Chloropr...	12.957	75	140	0.503	ug/l #	1
91) Naphthalene	13.780	128	39159	10.353	ug/l	99

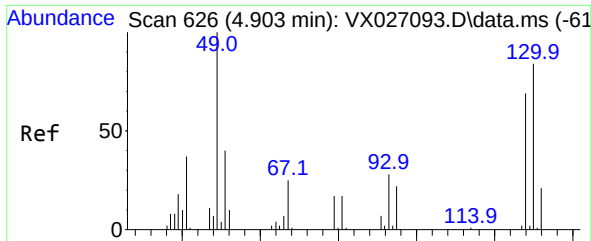
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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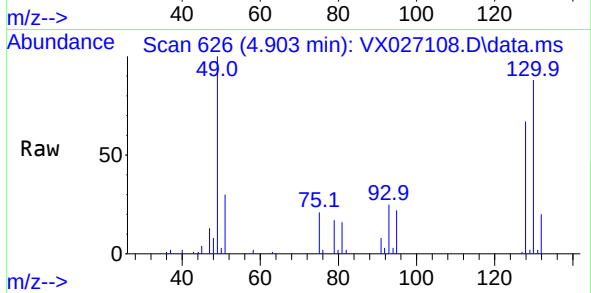
Quant Time: Feb 21 00:21:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 18 05:14:00 2022
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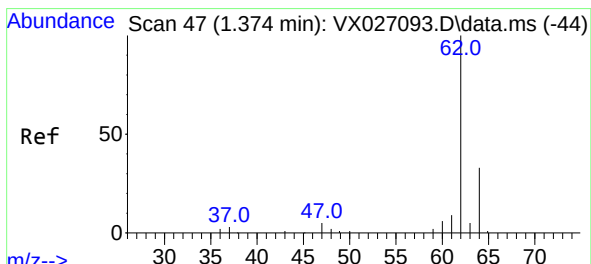
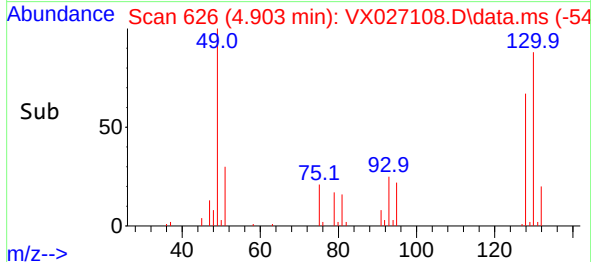
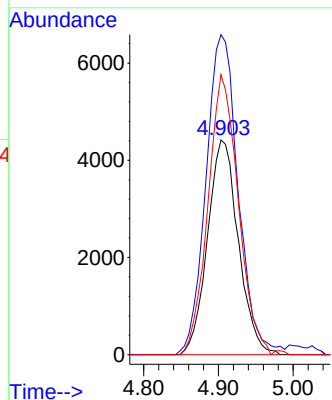


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Instrument :
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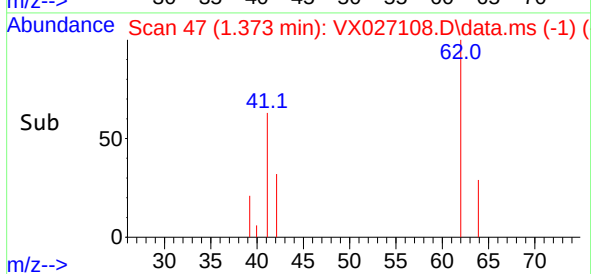
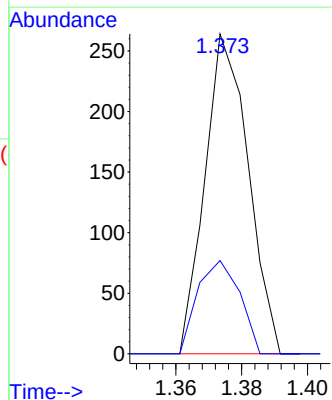
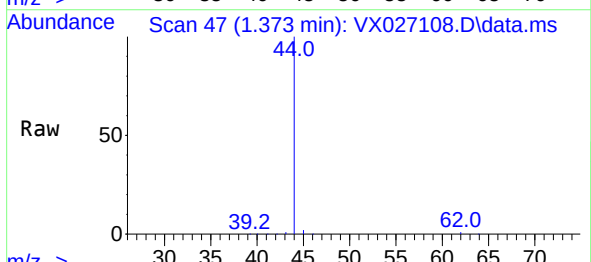


Tgt Ion:128 Resp: 12676
Ion Ratio Lower Upper
128 100
49 154.9 0.0 387.0
130 128.4 0.0 323.0

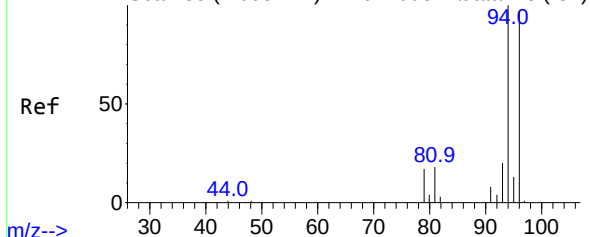


#4
Vinyl Chloride
Concen: 0.349 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 62 Resp: 241
Ion Ratio Lower Upper
62 100
64 29.2 26.1 39.1



Abundance Scan 85 (1.605 min): VX027093.D\data.ms (-81)



#5

Bromomethane

Concen: 0.267 ug/l

RT: 1.611 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

220216018-02-VOA

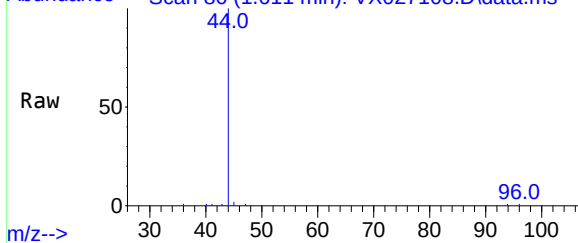
Tgt Ion: 94 Resp: 90

Ion Ratio Lower Upper

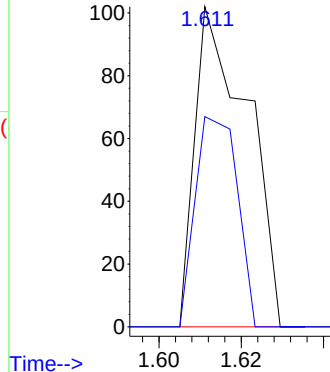
94 100

96 65.7 77.9 116.9#

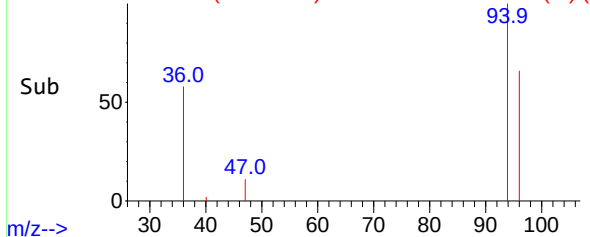
Abundance Scan 86 (1.611 min): VX027108.D\data.ms



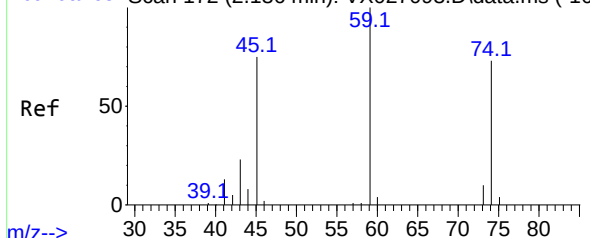
Abundance



Abundance Scan 86 (1.611 min): VX027108.D\data.ms (-3)



Abundance Scan 172 (2.136 min): VX027093.D\data.ms (-16)



#8

Diethyl Ether

Concen: 2.758 ug/l

RT: 2.135 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

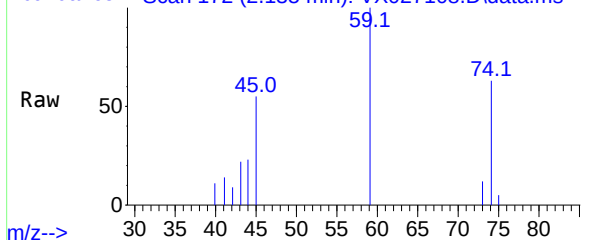
Tgt Ion: 74 Resp: 1066

Ion Ratio Lower Upper

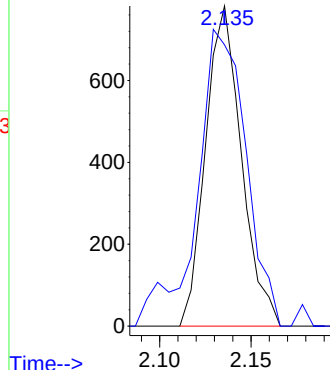
74 100

45 117.8 20.2 181.4

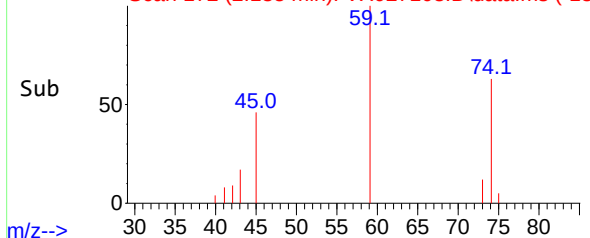
Abundance Scan 172 (2.135 min): VX027108.D\data.ms

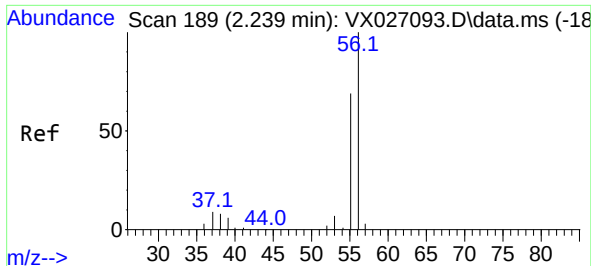


Abundance



Abundance Scan 172 (2.135 min): VX027108.D\data.ms (-13)

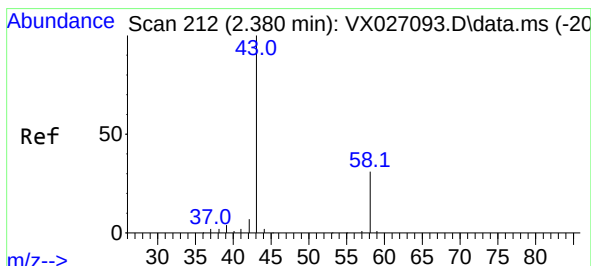
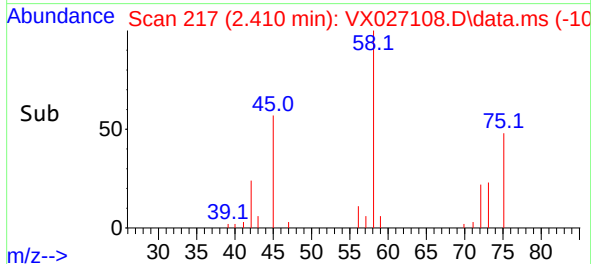
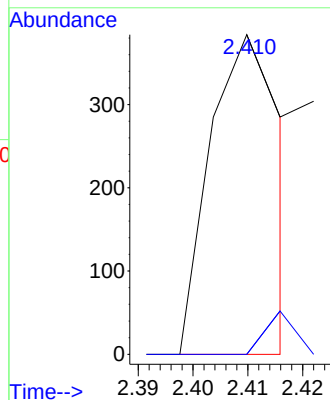
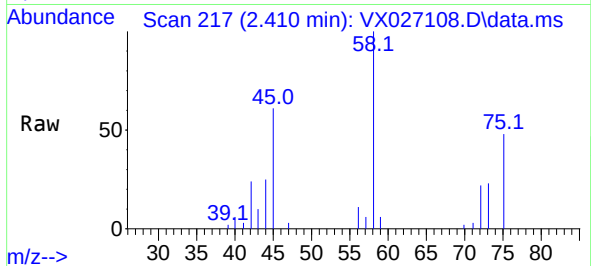




#13
Acrolein
Concen: 1.975 ug/l
RT: 2.410 min Scan# 211
Delta R.T. 0.171 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

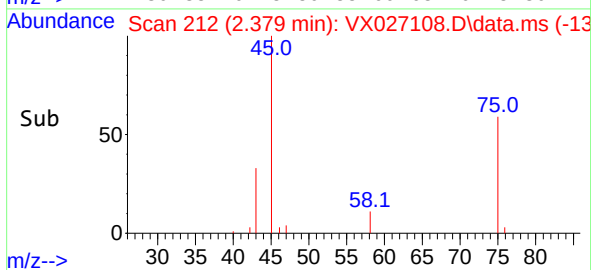
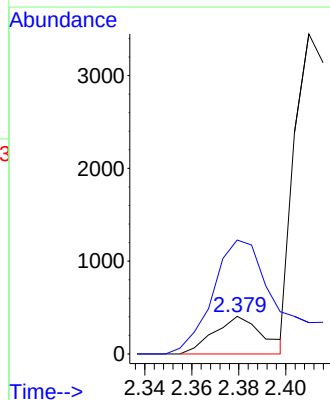
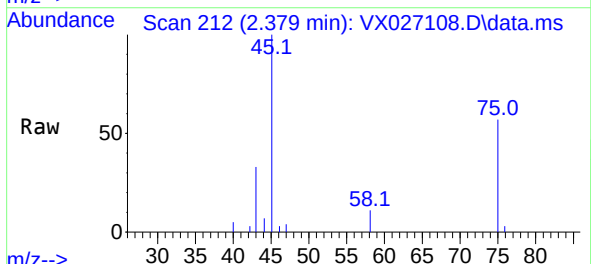
Instrument :
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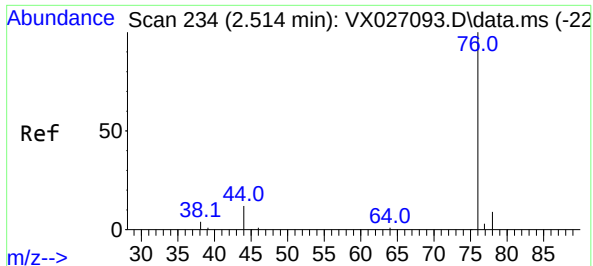
Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 5.4 56.0 84.0#



#15
Acetone
Concen: 4.591 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

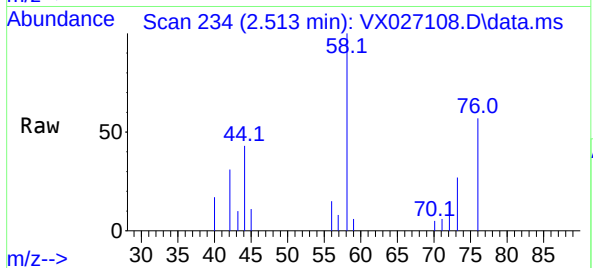
Tgt Ion: 58 Resp: 585
Ion Ratio Lower Upper
58 100
43 287.9 256.9 385.3



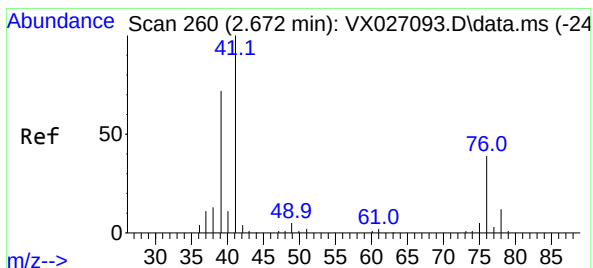
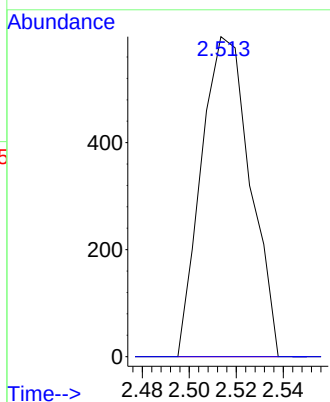
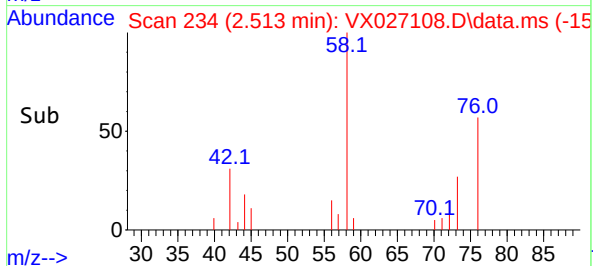


#16
Carbon Disulfide
Concen: 0.449 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

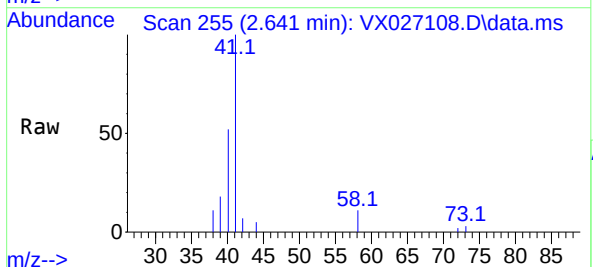
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA



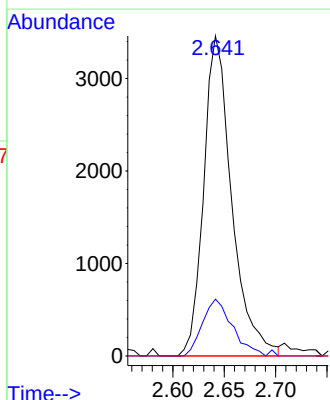
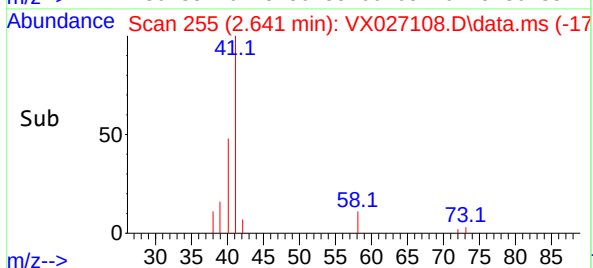
Tgt Ion: 76 Resp: 865
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

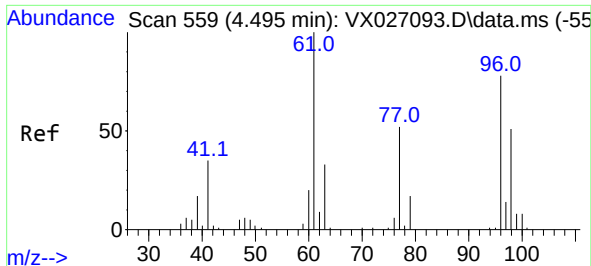


#17
Allyl chloride
Concen: 4.978 ug/l
RT: 2.641 min Scan# 255
Delta R.T. -0.031 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30



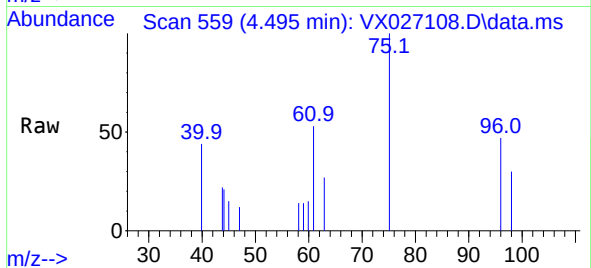
Tgt Ion: 41 Resp: 6570
Ion Ratio Lower Upper
41 100
39 17.8 35.8 107.3#
76 0.0 19.3 57.9#



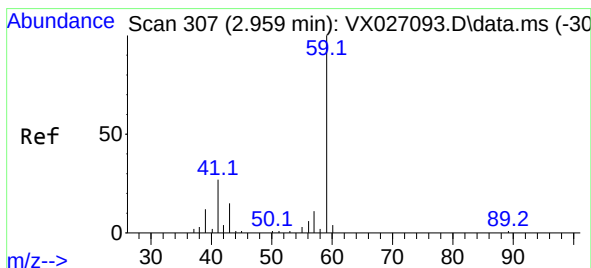
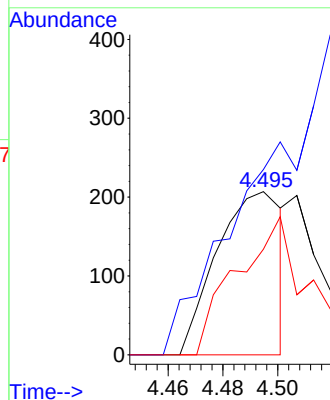
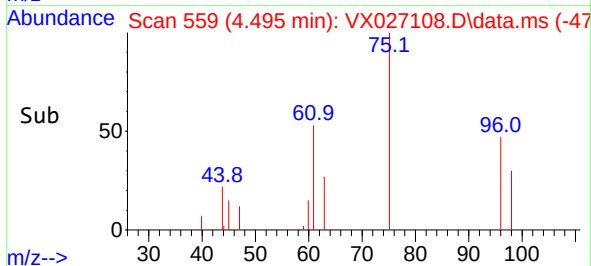


#22
 cis-1,2-Dichloroethene
 Concen: 0.373 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX027108.D
 Acq: 18 Feb 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 220216018-02-VOA

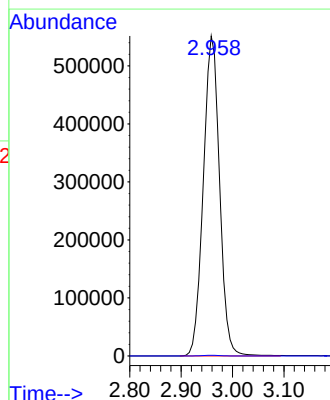
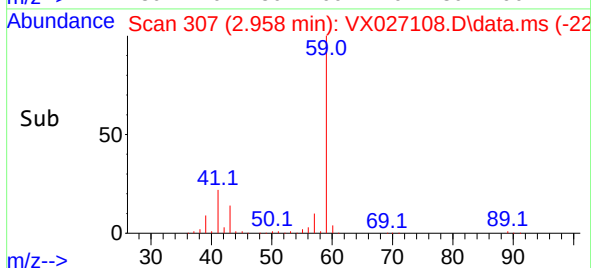
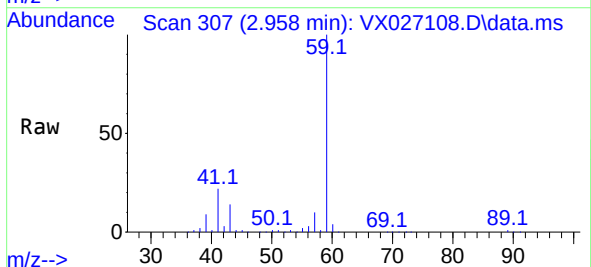


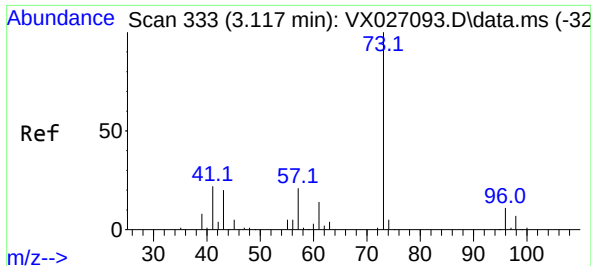
Tgt Ion: 96 Resp: 344
 Ion Ratio Lower Upper
 96 100
 61 147.1 114.3 171.5
 98 71.5 51.7 77.5



#23
 tert-Butyl Alcohol
 Concen: 6511.995 ug/l
 RT: 2.958 min Scan# 307
 Delta R.T. -0.000 min
 Lab File: VX027108.D
 Acq: 18 Feb 2022 14:30

Tgt Ion: 59 Resp: 1210646
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

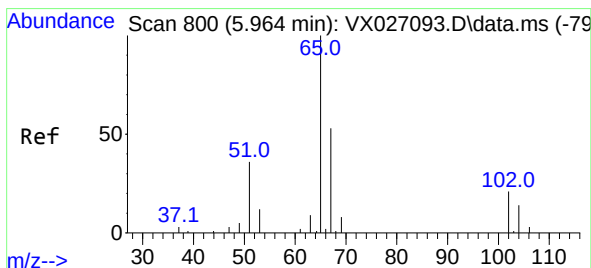
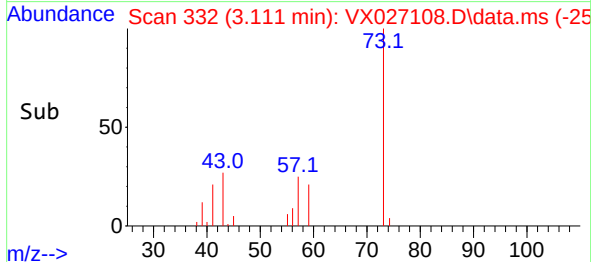
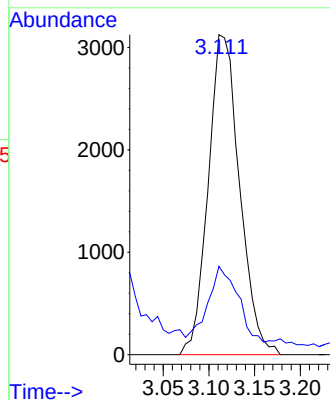
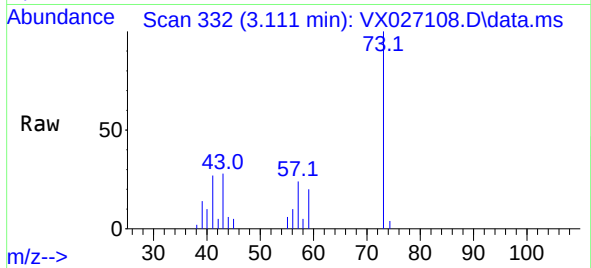




#24
Methyl tert-Butyl Ether
Concen: 2.887 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

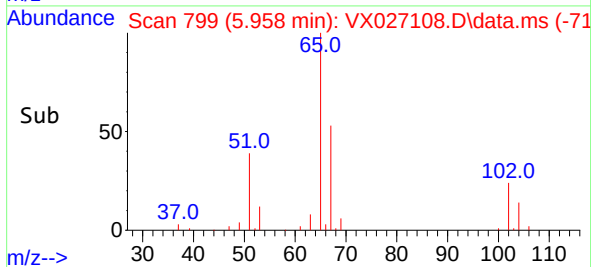
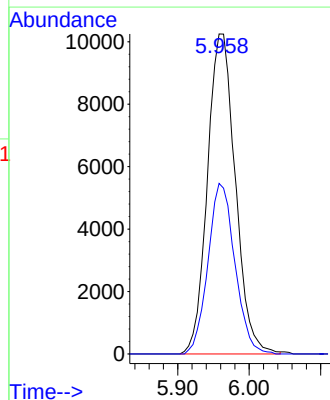
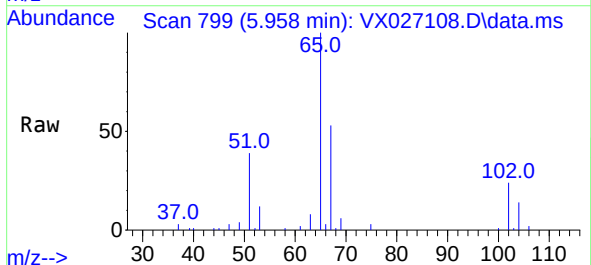
Instrument :
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220216018-02-VOA

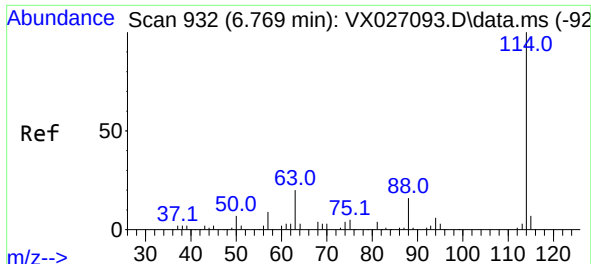
Tgt Ion: 73 Resp: 7454
Ion Ratio Lower Upper
73 100
43 30.9 16.2 24.4#



#27
1,2-Dichloroethane-d4
Concen: 30.286 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 65 Resp: 27759
Ion Ratio Lower Upper
65 100
67 51.4 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

220216018-02-VOA

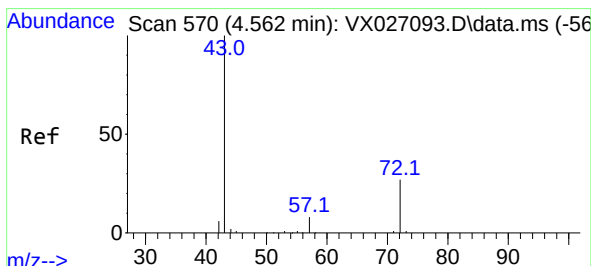
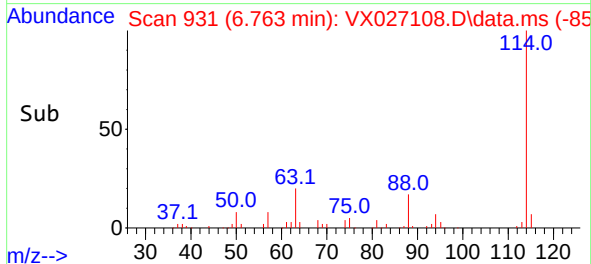
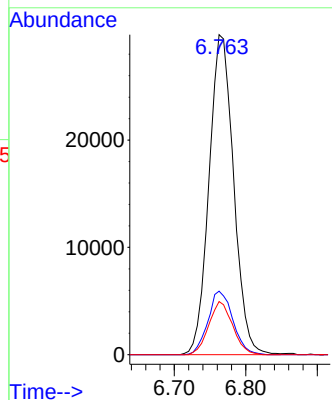
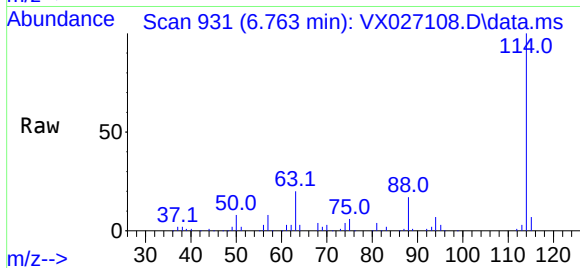
Tgt Ion:114 Resp: 71298

Ion Ratio Lower Upper

114 100

63 20.1 16.2 24.2

88 16.1 12.7 19.1



#30

2-Butanone

Concen: 67.349 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

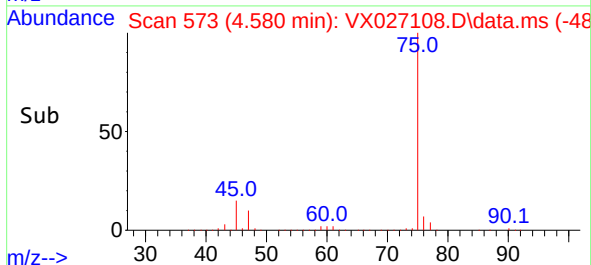
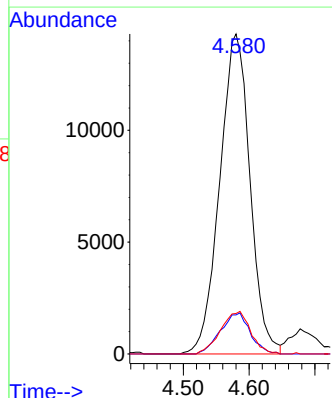
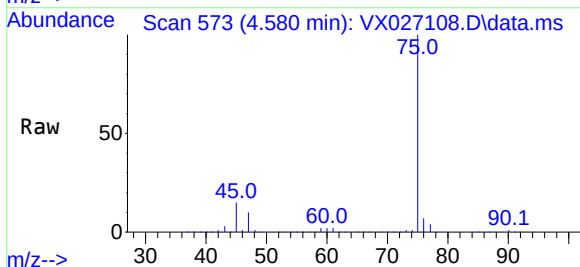
Tgt Ion: 43 Resp: 45814

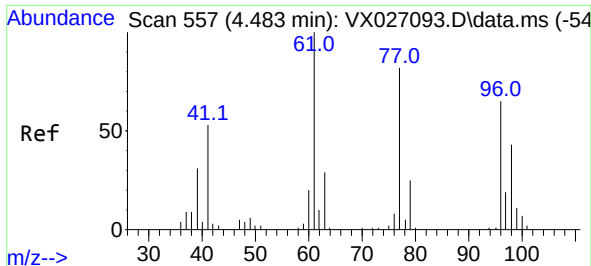
Ion Ratio Lower Upper

43 100

57 12.6 6.6 9.8#

72 13.1 21.0 31.6#





#31

2,2-Dichloropropane

Concen: 65.590 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

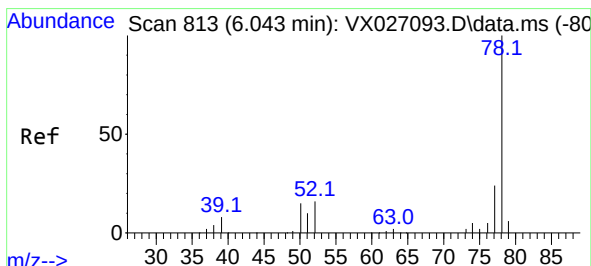
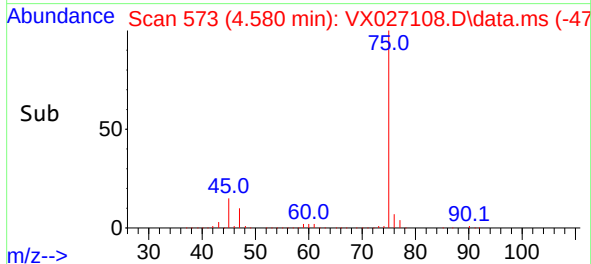
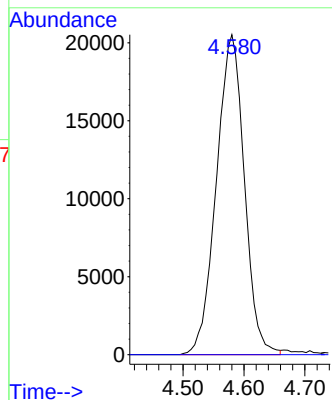
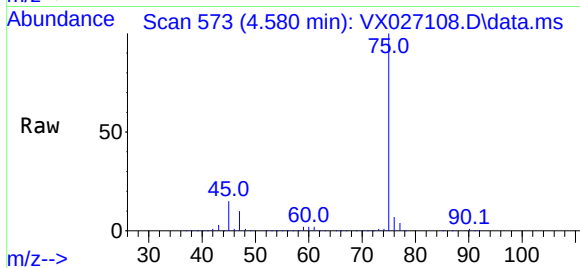
220216018-02-VOA

Tgt Ion: 77 Resp: 65442

Ion Ratio Lower Upper

77 100

97 0.0 19.4 29.2#



#34

Benzene

Concen: 2.052 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

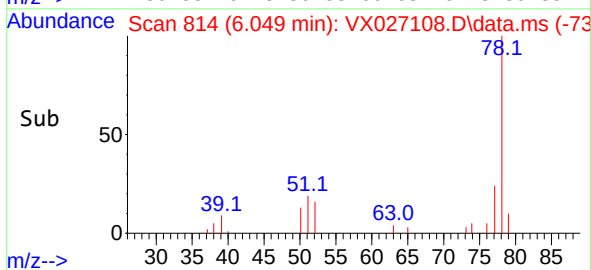
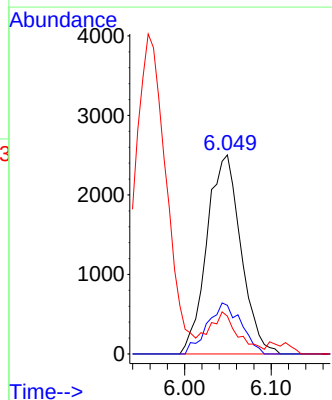
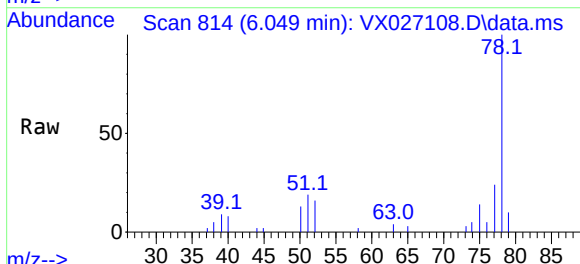
Tgt Ion: 78 Resp: 6829

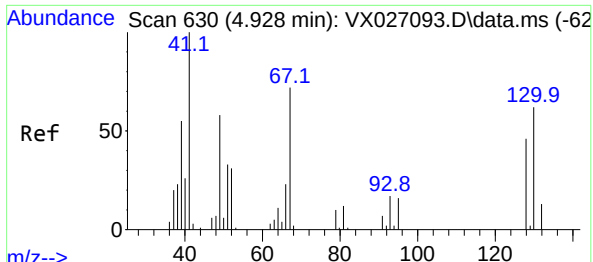
Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3

51 15.0 13.4 20.2

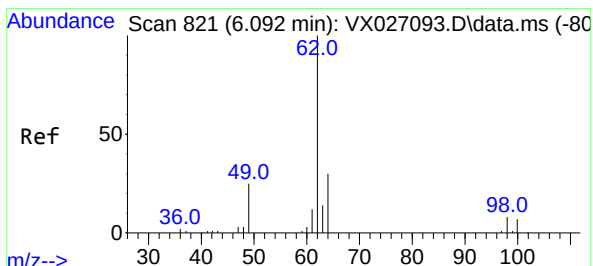
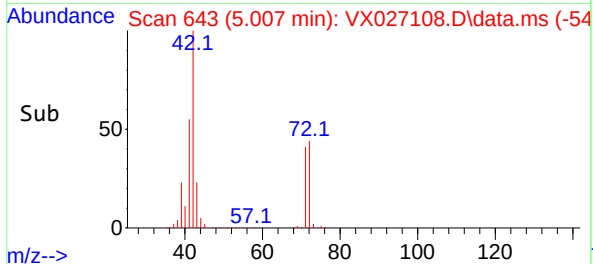
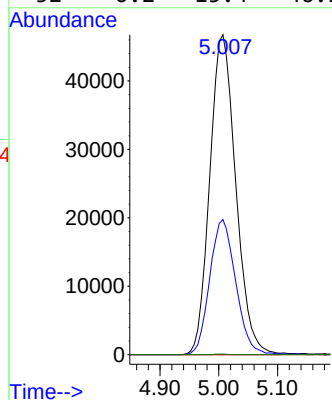
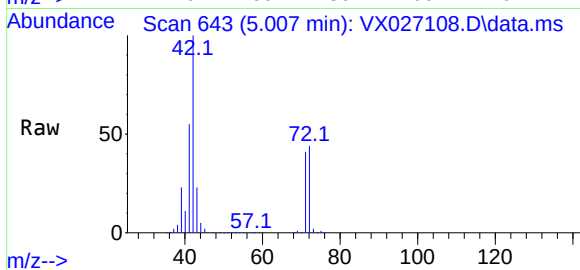




#35
Methacrylonitrile
Concen: 204.337 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.079 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

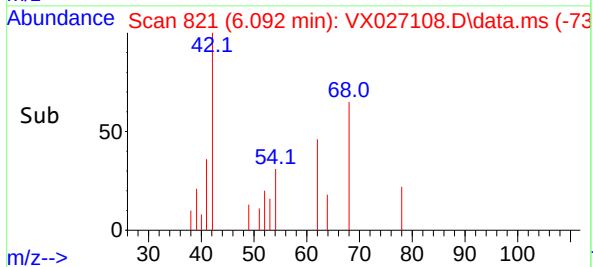
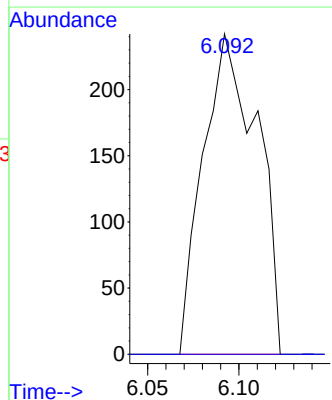
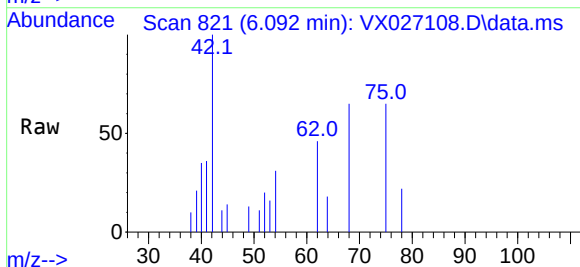
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

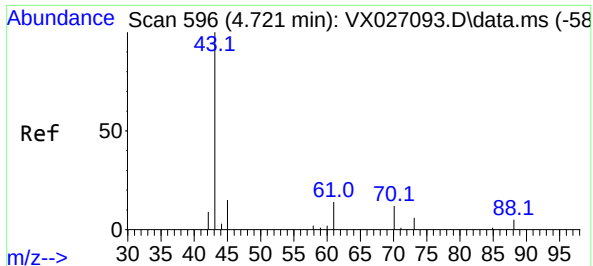
Tgt Ion: 41 Resp: 143811
Ion Ratio Lower Upper
41 100
39 42.3 27.4 82.0
67 0.0 36.1 108.3#
52 0.2 15.4 46.1#



#36
1,2-Dichloroethane
Concen: 0.417 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 62 Resp: 499
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#43

Ethyl Acetate

Concen: 2.465 ug/l

RT: 4.678 min Scan# 51

Delta R.T. -0.043 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

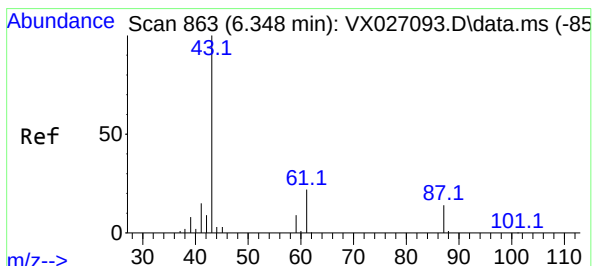
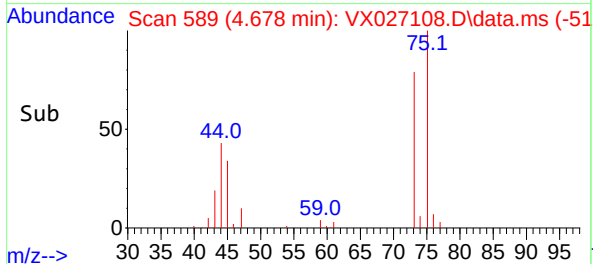
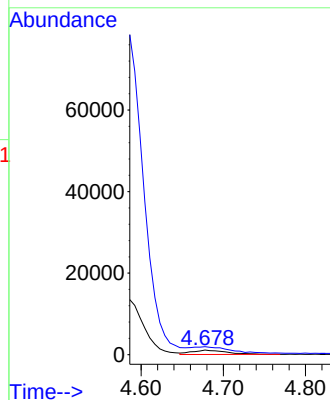
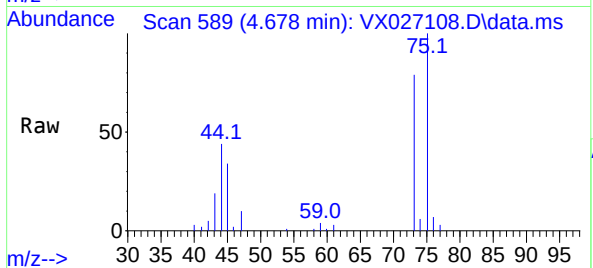
220216018-02-VOA

Tgt Ion: 43 Resp: 3207

Ion Ratio Lower Upper

43 100

45 0.0 12.0 18.0#



#44

Isopropyl Acetate

Concen: 0.700 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX027108.D

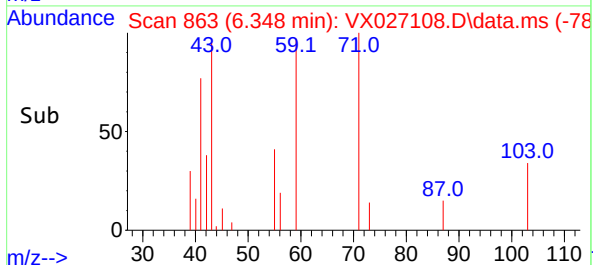
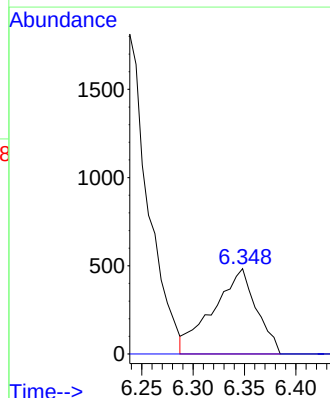
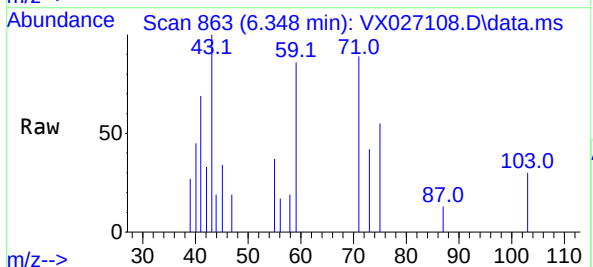
Acq: 18 Feb 2022 14:30

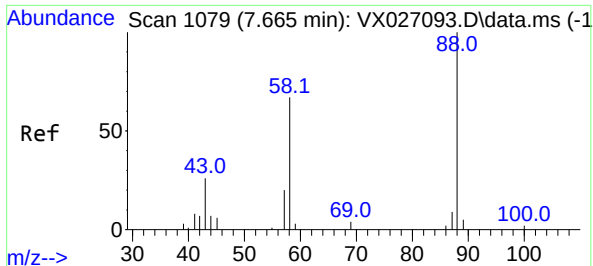
Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

61 0.0 16.4 24.6#

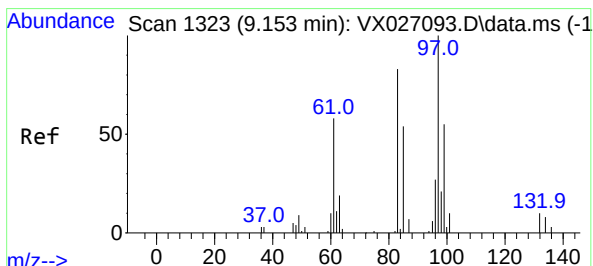
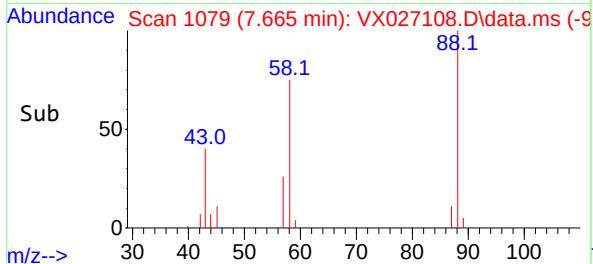
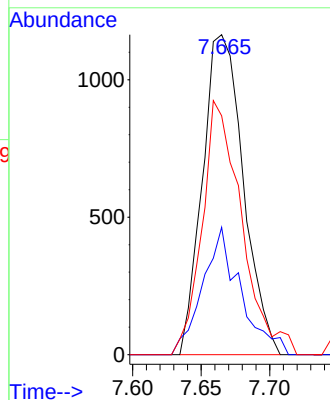
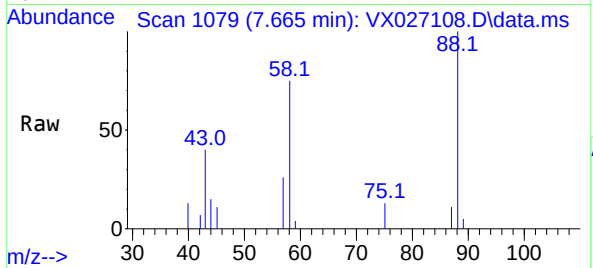




#45
1,4-Dioxane
Concen: 117.348 ug/l
RT: 7.665 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

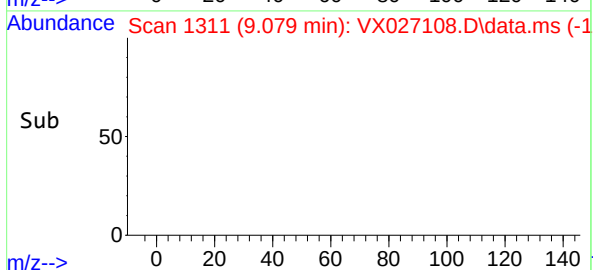
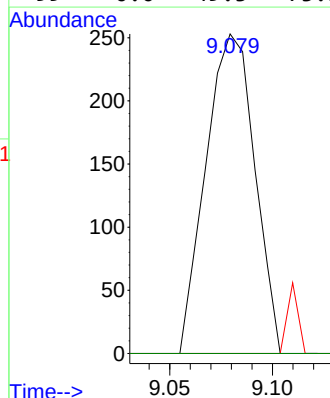
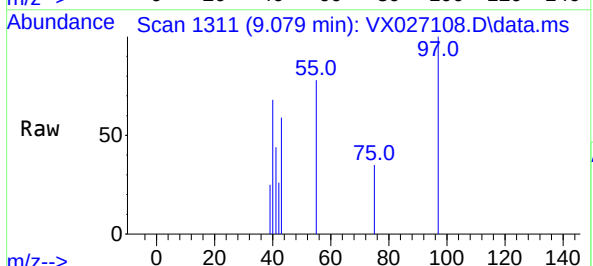
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

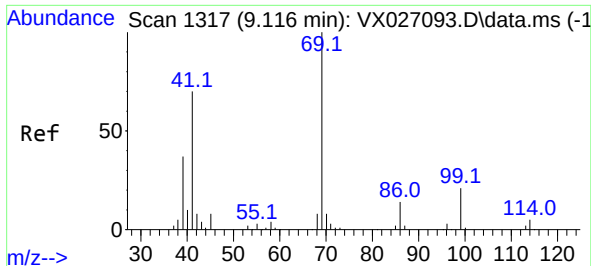
Tgt Ion:	88	Resp:	2412
Ion	Ratio	Lower	Upper
88	100		
43	37.0	28.3	42.5
58	74.6	55.4	83.2



#50
1,1,2-Trichloroethane
Concen: 0.505 ug/l
RT: 9.079 min Scan# 1311
Delta R.T. -0.073 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:	97	Resp:	418
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.5	99.7#
85	0.0	43.8	65.8#
99	0.0	49.3	73.9#

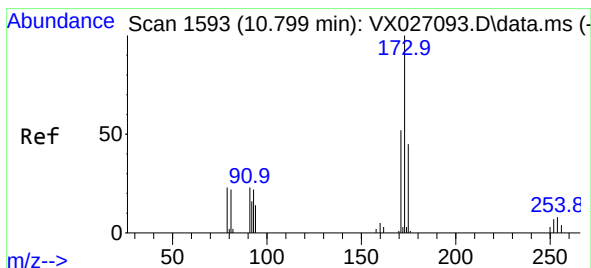
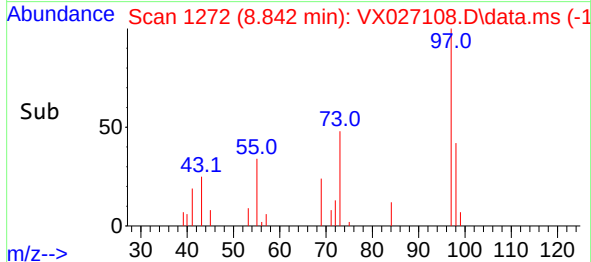
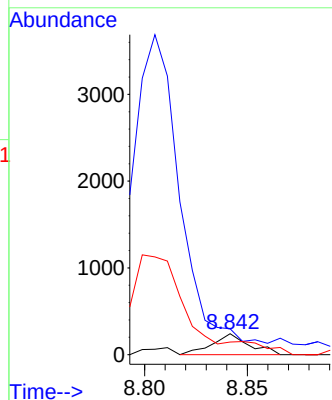
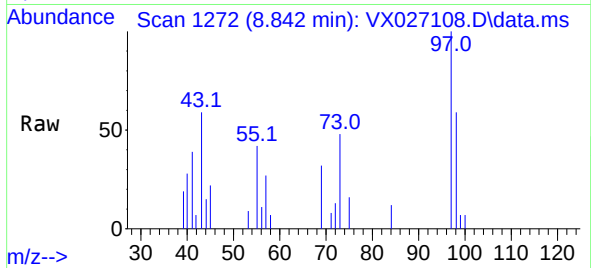




#51
Ethyl methacrylate
Concen: 0.229 ug/l
RT: 8.842 min Scan# 11
Delta R.T. -0.275 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

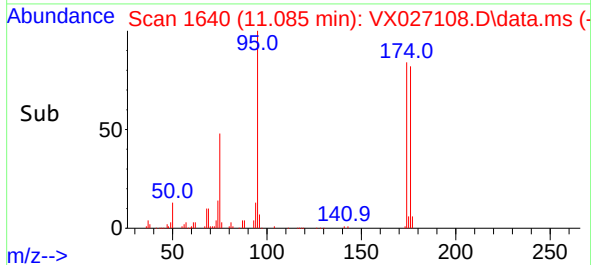
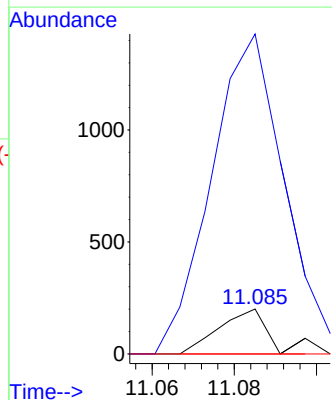
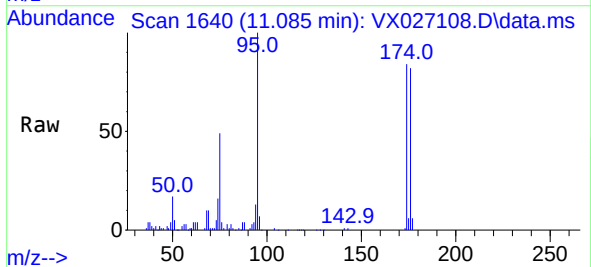
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

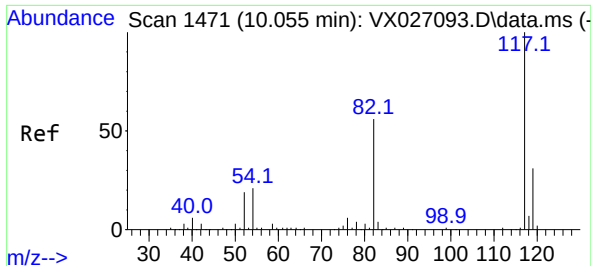
Tgt Ion: 69 Resp: 302
Ion Ratio Lower Upper
69 100
41 44.6 34.8 104.3
39 26.0 18.5 55.5



#56
Bromoform
Concen: 0.260 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 173 Resp: 155
Ion Ratio Lower Upper
173 100
175 1134.2 38.5 57.7#
254 0.0 7.0 10.6#

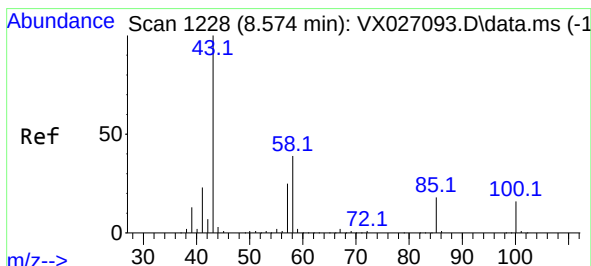
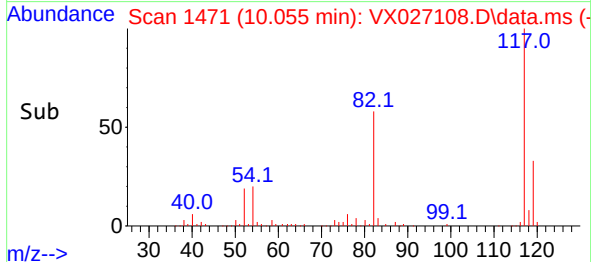
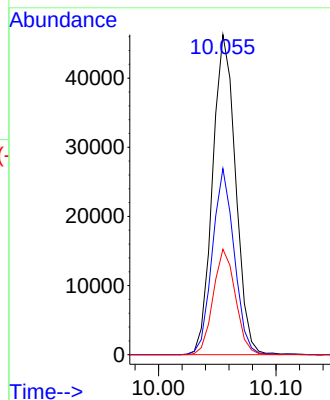
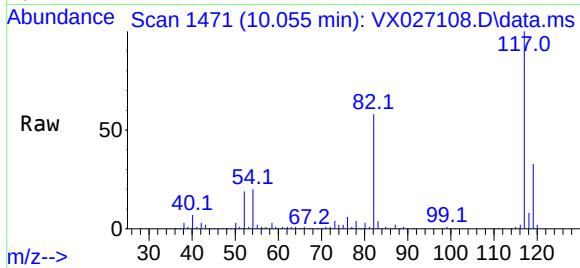




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

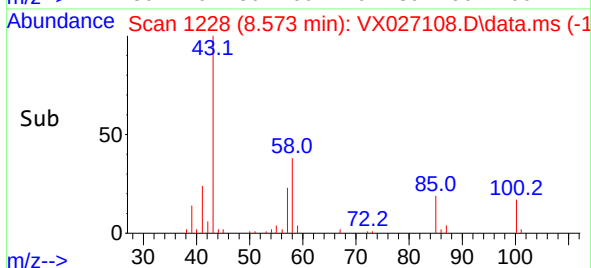
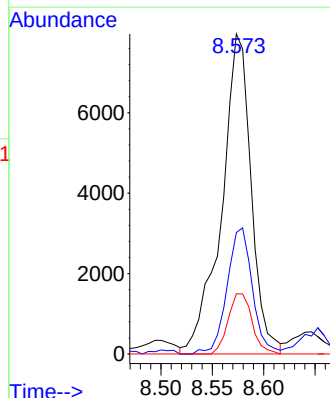
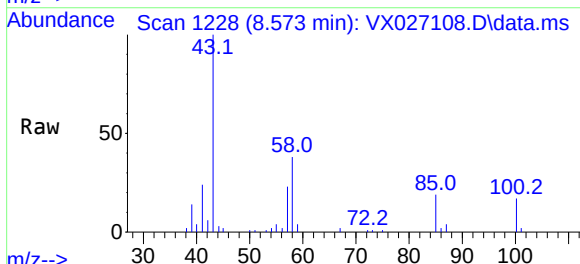
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

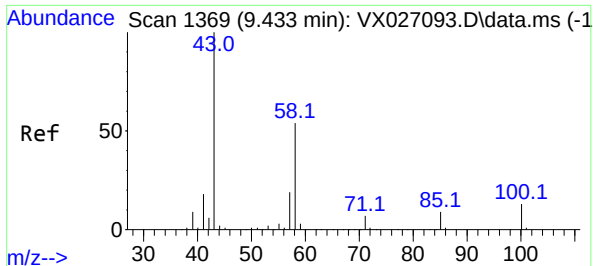
Tgt Ion:	117	Resp:	63054
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.1	66.1
119	31.9	25.4	38.0



#58
4-Methyl-2-Pentanone
Concen: 12.303 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:	43	Resp:	15956
Ion	Ratio	Lower	Upper
43	100		
58	33.2	31.2	46.8
85	15.2	14.8	22.2





#59

2-Hexanone

Concen: 2.318 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

220216018-02-VOA

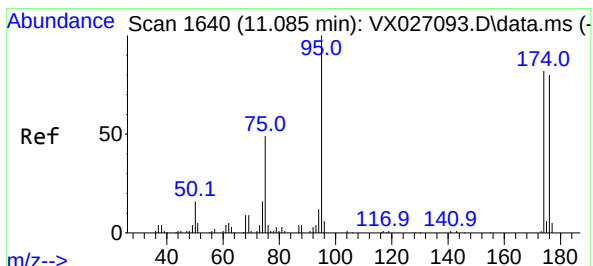
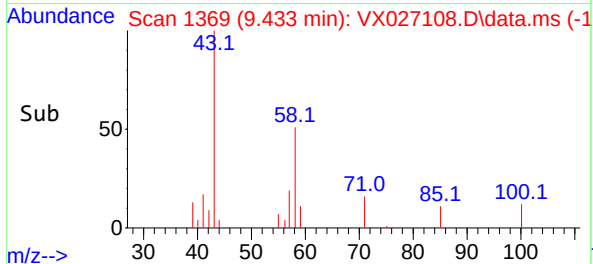
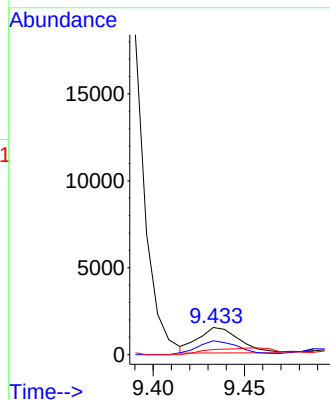
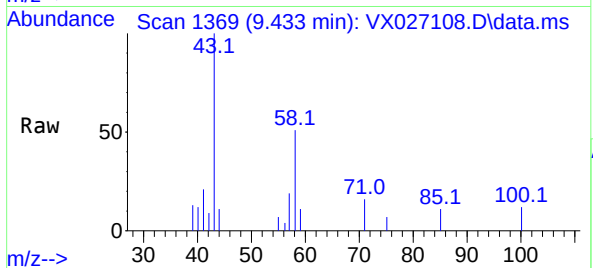
Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 56.4 43.4 65.2

57 43.4 15.4 23.2#



#60

4-Bromofluorobenzene

Concen: 29.306 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

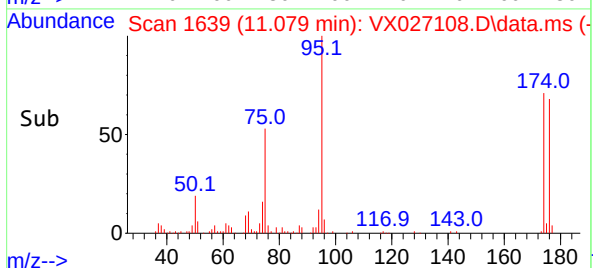
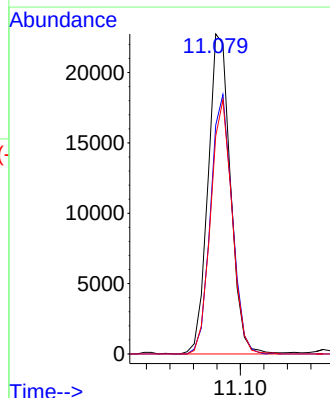
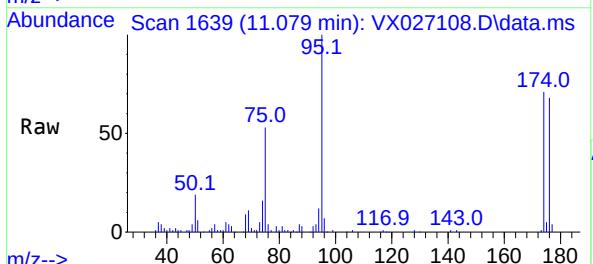
Tgt Ion: 95 Resp: 30049

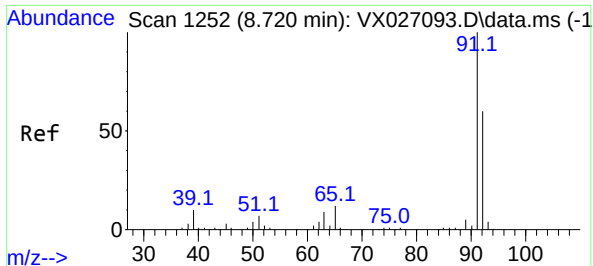
Ion Ratio Lower Upper

95 100

174 78.1 61.8 92.8

176 76.0 59.4 89.2





#62

Toluene

Concen: 3.528 ug/l

RT: 8.726 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX027108.D

Acq: 18 Feb 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

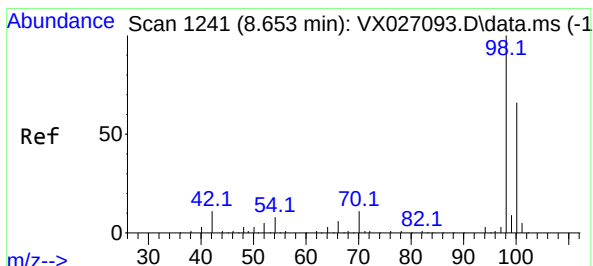
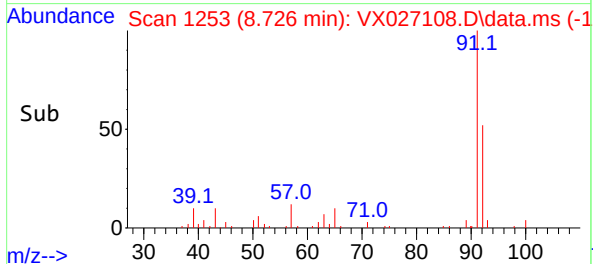
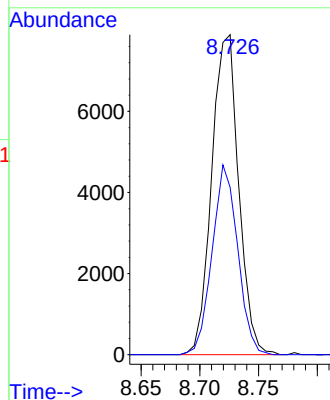
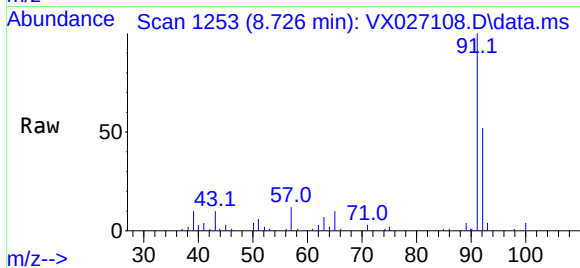
220216018-02-VOA

Tgt Ion: 91 Resp: 12598

Ion Ratio Lower Upper

91 100

92 56.3 47.0 70.6



#63

Toluene-d8

Concen: 29.591 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027108.D

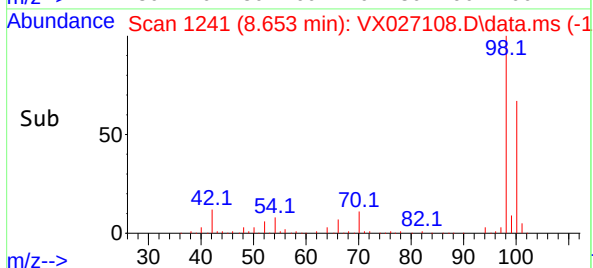
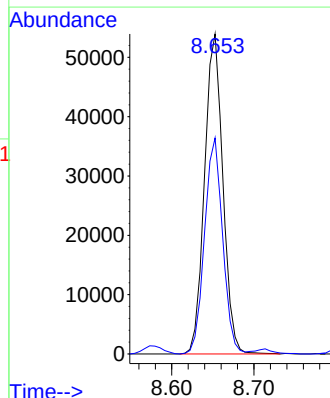
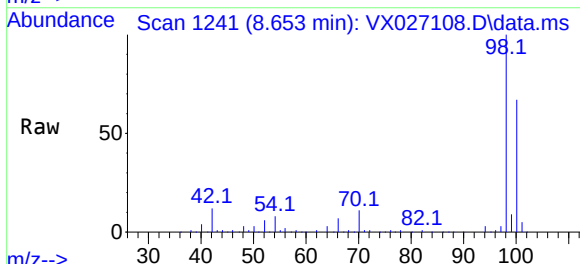
Acq: 18 Feb 2022 14:30

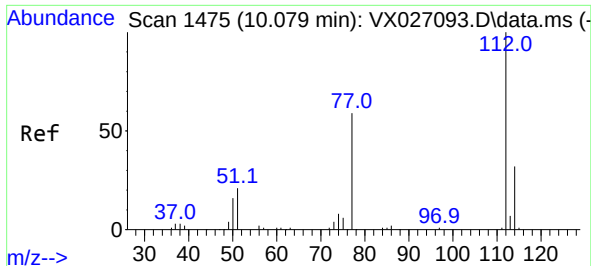
Tgt Ion: 98 Resp: 83654

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

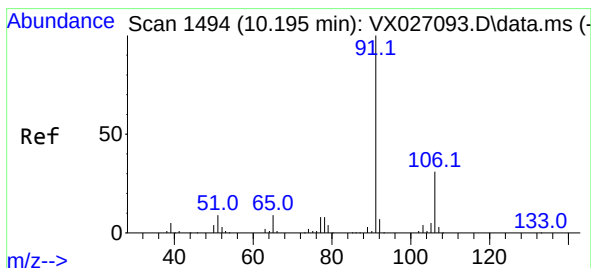
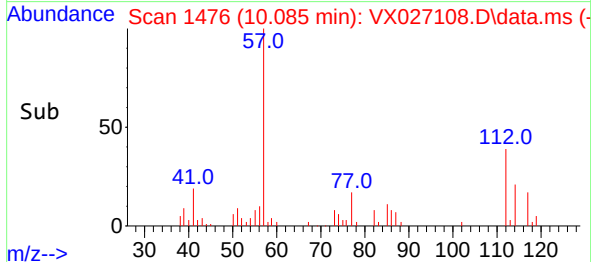
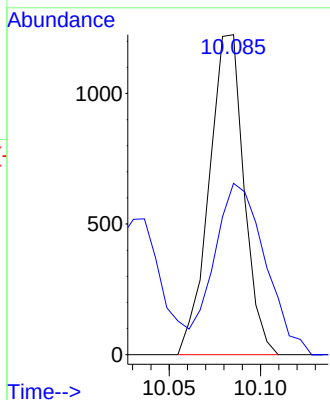
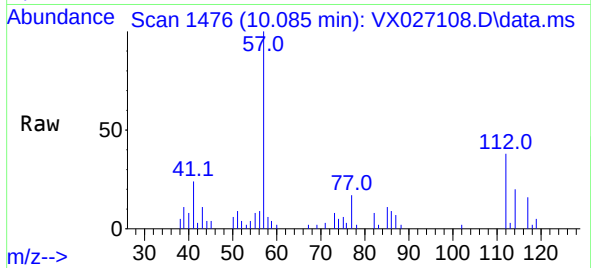




#64
Chlorobenzene
Concen: 0.737 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

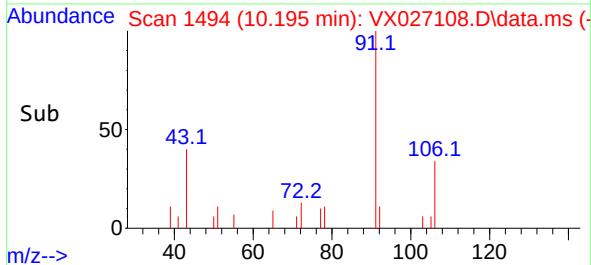
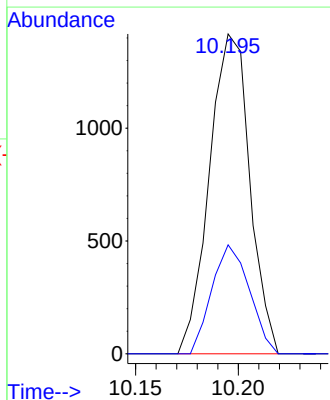
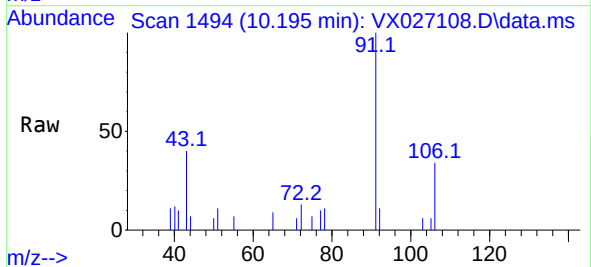
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

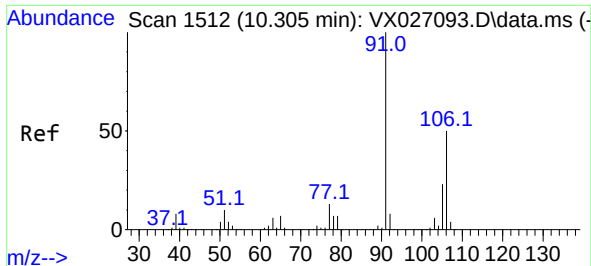
Tgt Ion:112 Resp: 1629
Ion Ratio Lower Upper
112 100
114 43.0 25.7 38.5#



#66
Ethyl Benzene
Concen: 0.493 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 91 Resp: 1938
Ion Ratio Lower Upper
91 100
106 34.1 25.0 37.4

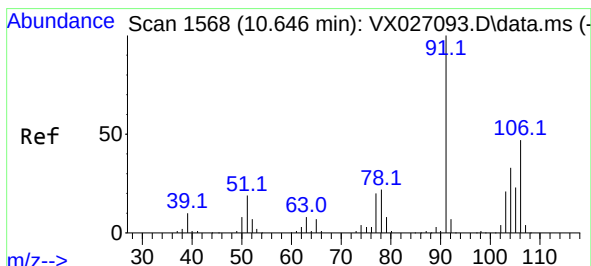
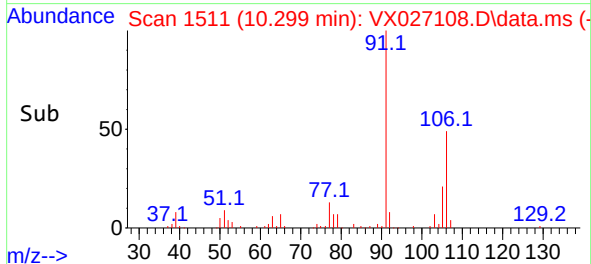
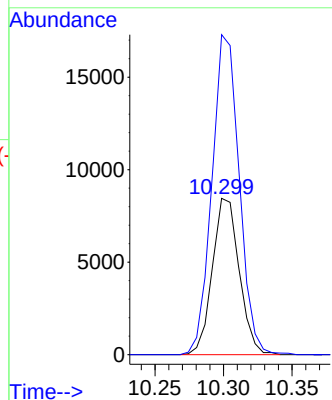
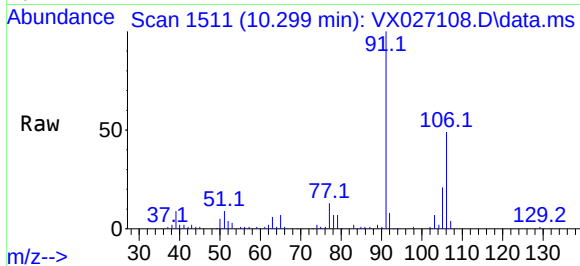




#67
m/p-Xylenes
Concen: 7.579 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

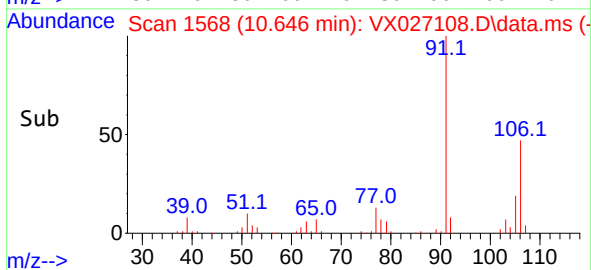
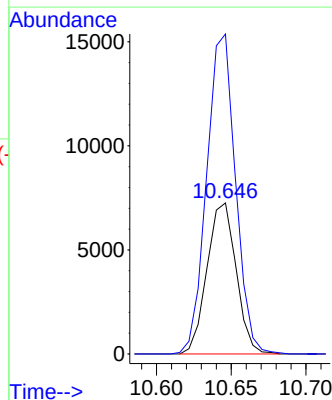
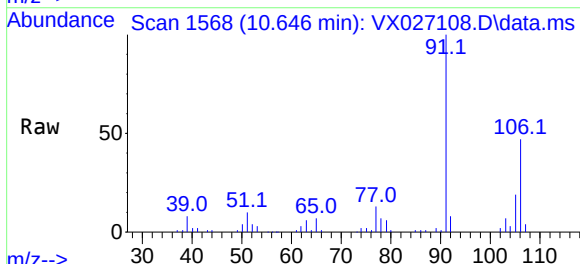
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

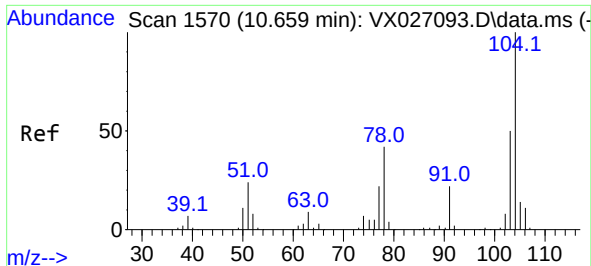
Tgt Ion:106 Resp: 11512
Ion Ratio Lower Upper
106 100
91 208.1 162.4 243.6



#68
o-Xylene
Concen: 6.600 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:106 Resp: 9842
Ion Ratio Lower Upper
106 100
91 210.0 104.9 314.7

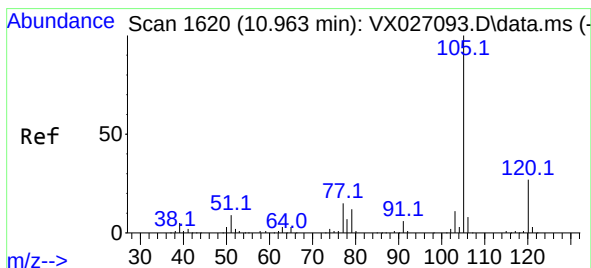
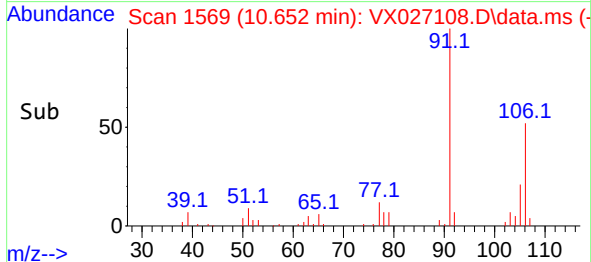
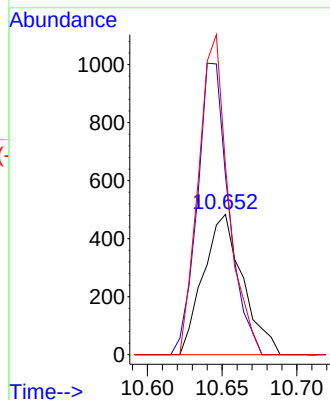
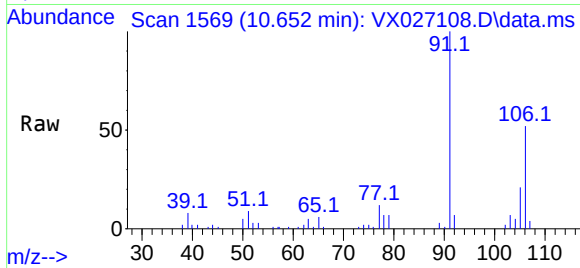




#69
Styrene
Concen: 0.359 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

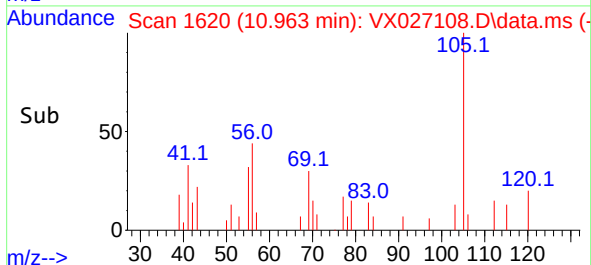
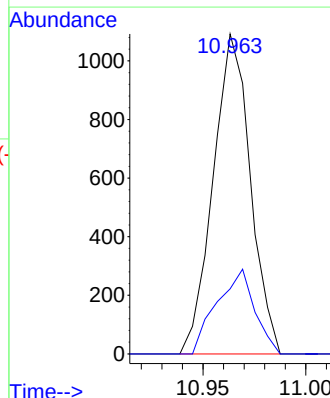
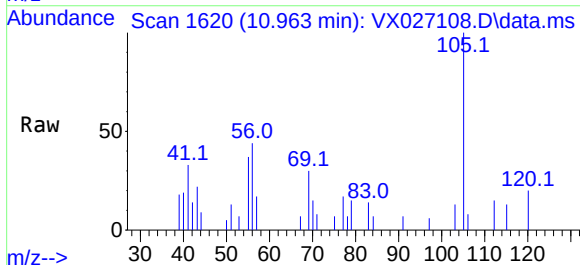
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

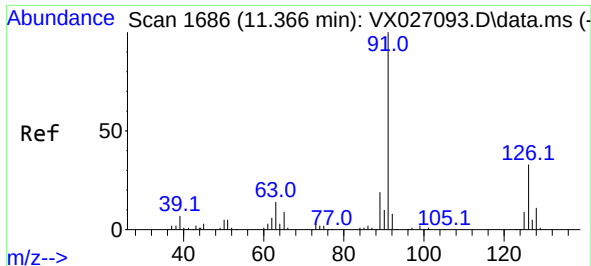
Tgt Ion:104 Resp: 888
Ion Ratio Lower Upper
104 100
78 165.7 40.0 60.0#
103 172.1 43.6 65.4#



#70
Isopropylbenzene
Concen: 0.356 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:105 Resp: 1376
Ion Ratio Lower Upper
105 100
120 26.9 18.7 34.7

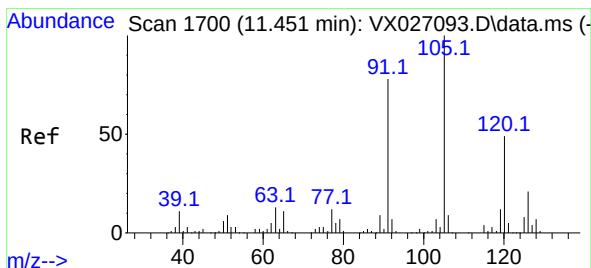
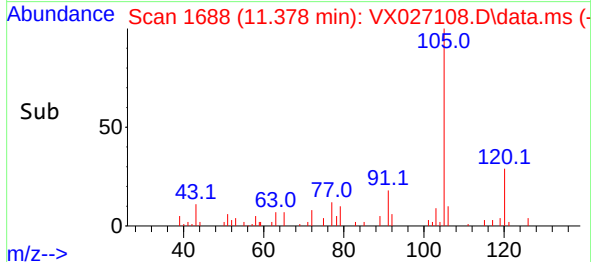
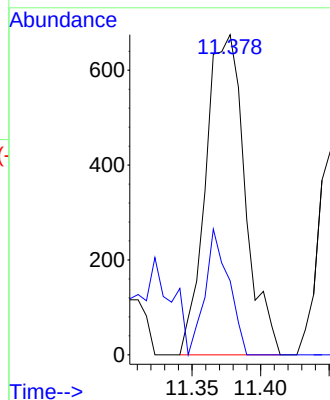
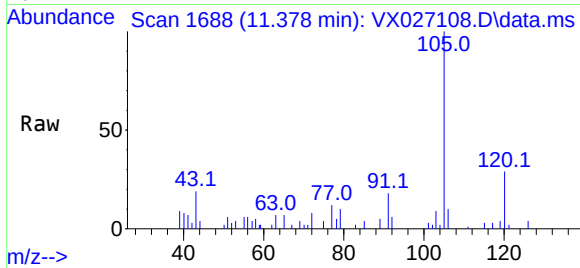




#75
2-Chlorotoluene
Concen: 0.492 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

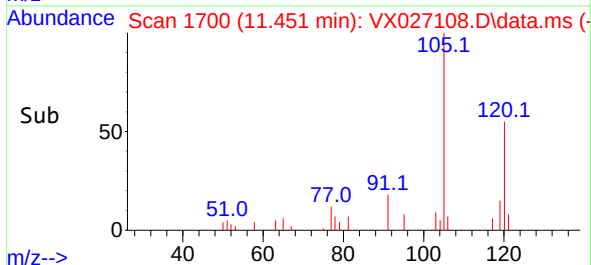
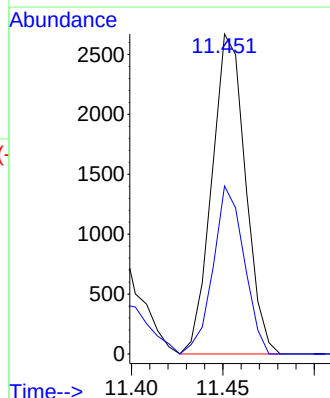
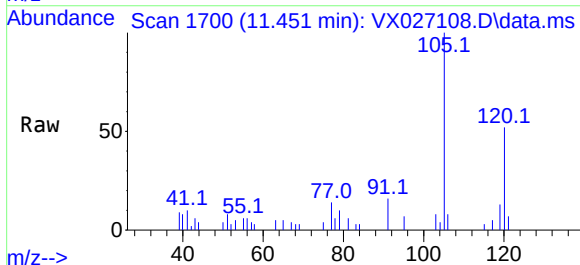
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

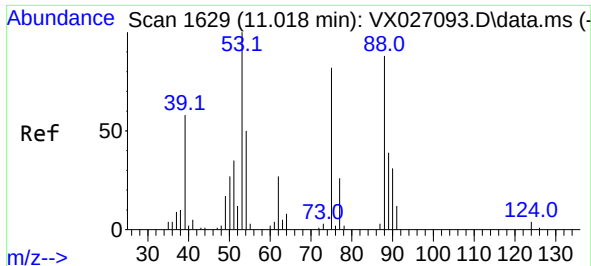
Tgt Ion: 91 Resp: 1347
Ion Ratio Lower Upper
91 100
126 23.5 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 1.056 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 105 Resp: 3419
Ion Ratio Lower Upper
105 100
120 48.4 0.0 98.0

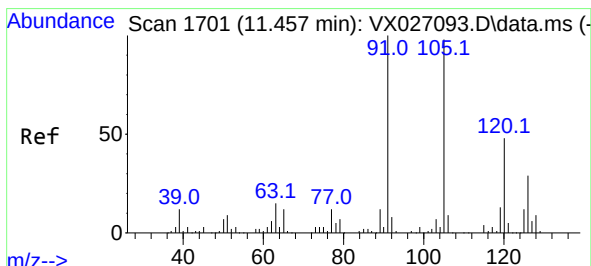
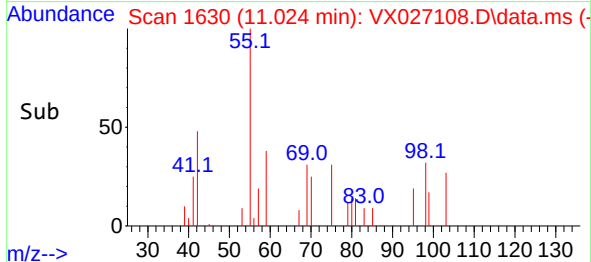
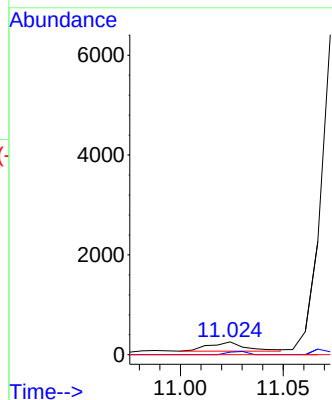
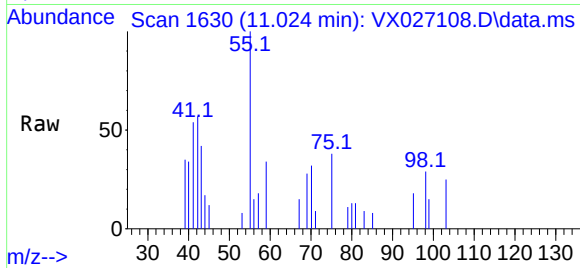




#77
t-1,4-Dichloro-2-butene
Concen: 0.707 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

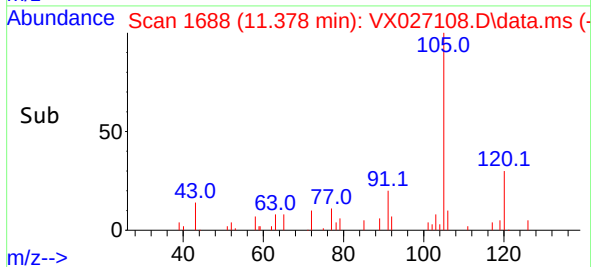
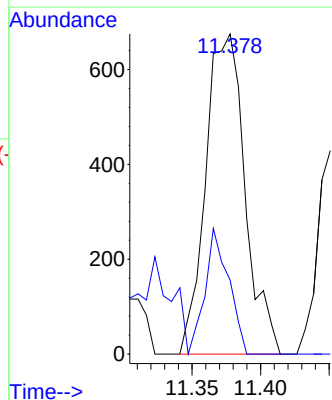
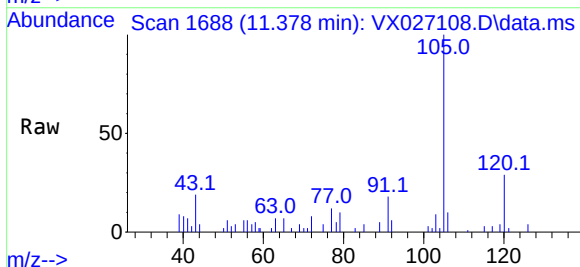
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

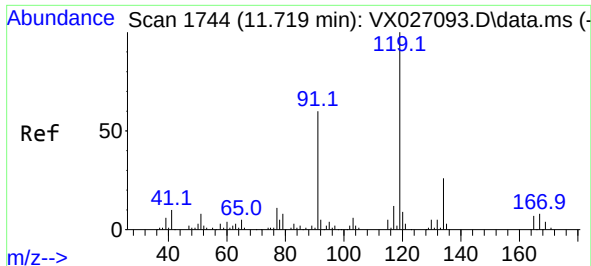
Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
53 28.0 60.8 182.3#
89 0.0 23.8 71.2#



#78
4-Chlorotoluene
Concen: 0.441 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. -0.079 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 91 Resp: 1347
Ion Ratio Lower Upper
91 100
126 23.5 0.0 59.0

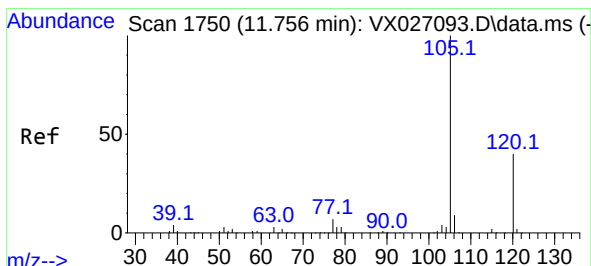
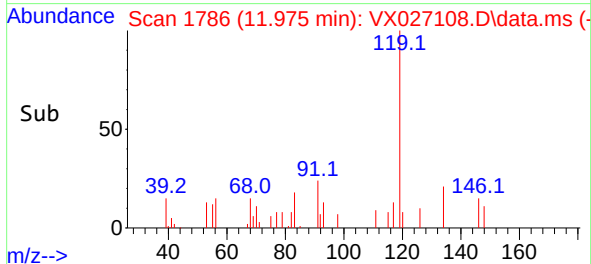
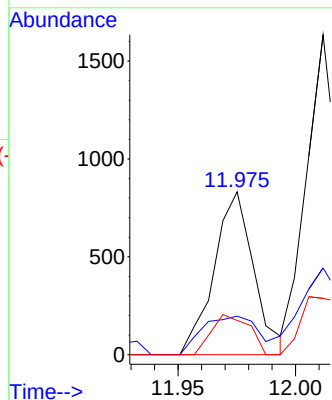
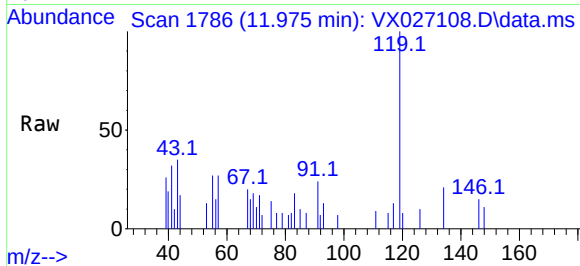




#79
tert-butylbenzene
Concen: 0.317 ug/l
RT: 11.975 min Scan# 1199
Delta R.T. 0.256 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

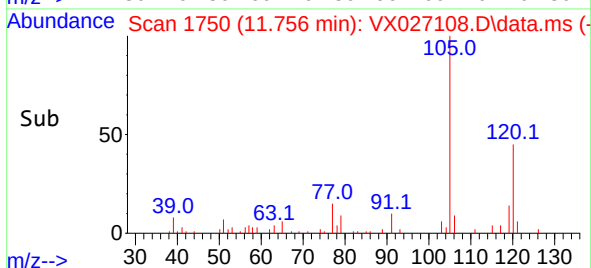
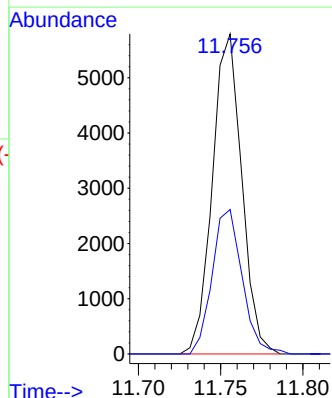
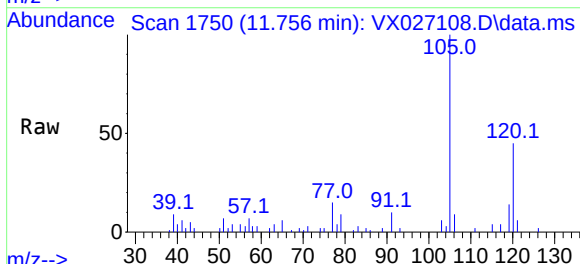
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

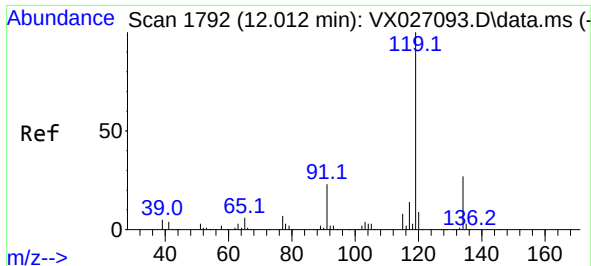
Tgt Ion:	119	Resp:	979
Ion	Ratio	Lower	Upper
119	100		
91	32.7	0.0	124.2
134	23.4	0.0	50.4



#80
1,2,4-Trimethylbenzene
Concen: 2.225 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:	105	Resp:	7191
Ion	Ratio	Lower	Upper
105	100		
120	46.2	0.0	89.2

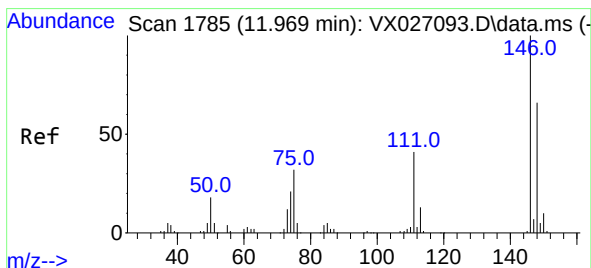
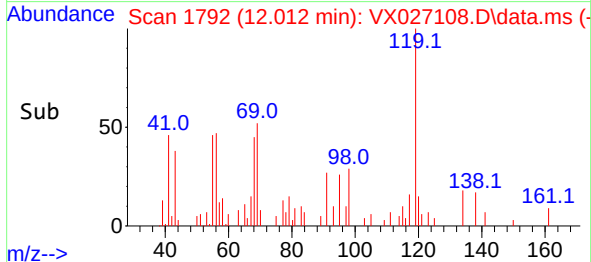
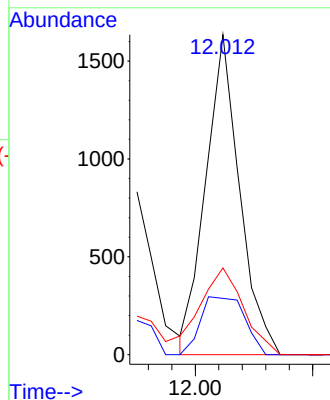
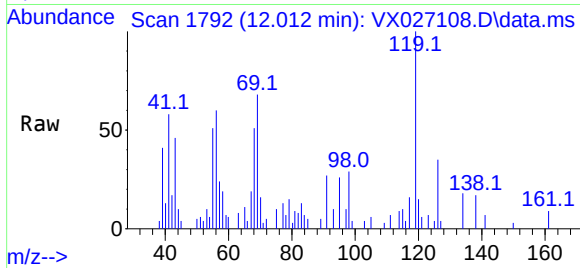




#82
 p-Isopropyltoluene
 Concen: 0.493 ug/l
 RT: 12.012 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VX027108.D
 Acq: 18 Feb 2022 14:30

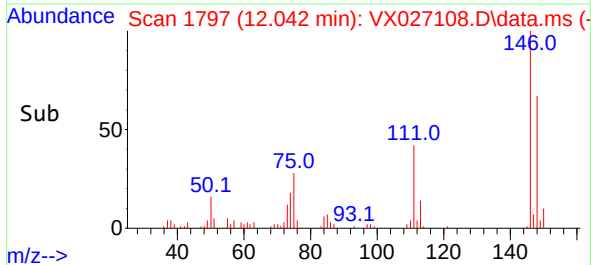
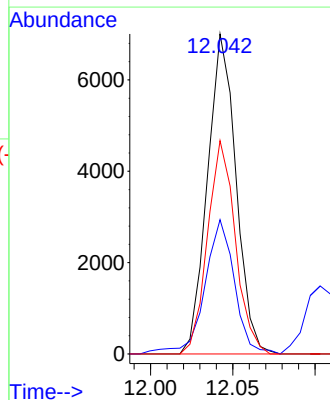
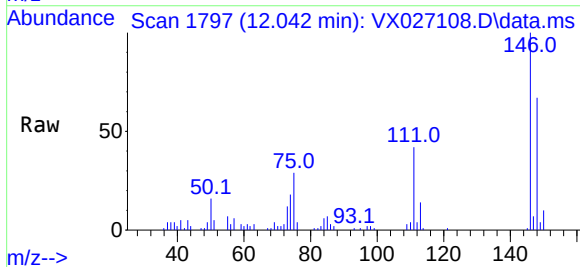
Instrument :
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 ClientSampleId :
 220216018-02-VOA

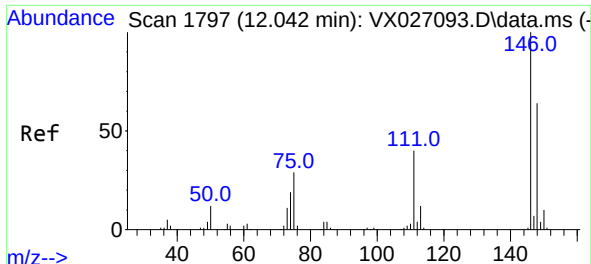
Tgt Ion:	119	Resp:	1640
Ion	Ratio	Lower	Upper
119	100		
134	23.5	0.0	52.8
91	35.7	0.0	47.4



#83
 1,3-Dichlorobenzene
 Concen: 4.812 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.073 min
 Lab File: VX027108.D
 Acq: 18 Feb 2022 14:30

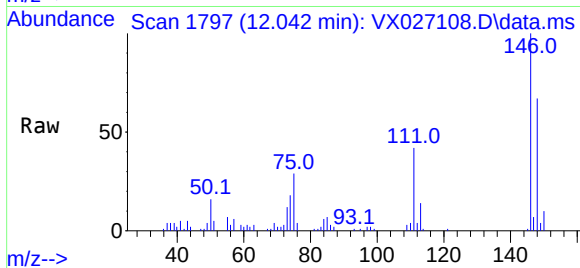
Tgt Ion:	146	Resp:	8473
Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.3	60.9
148	64.9	31.7	95.1



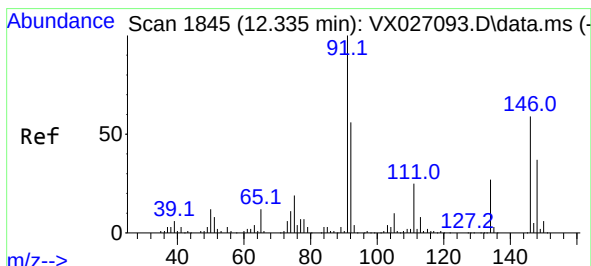
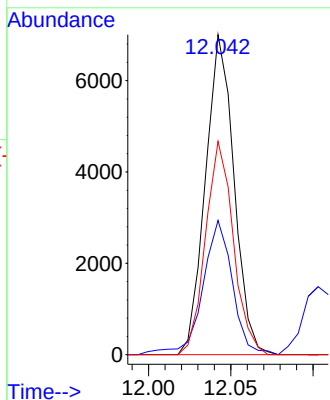
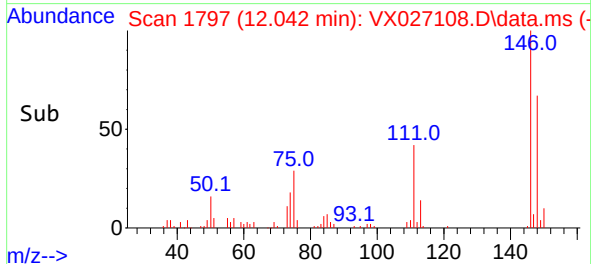


#84
1,4-Dichlorobenzene
Concen: 4.794 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

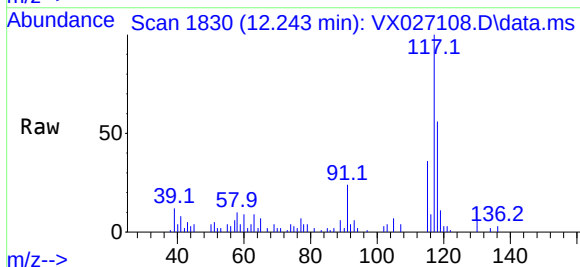
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA



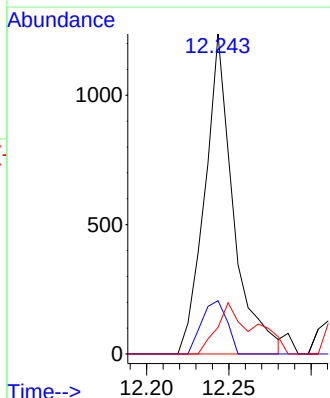
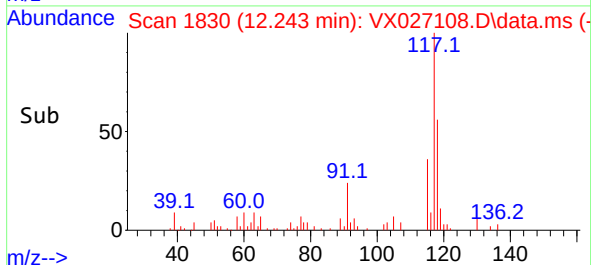
Tgt Ion:146 Resp: 8473
Ion Ratio Lower Upper
146 100
111 43.6 19.4 58.2
148 64.9 32.0 96.2

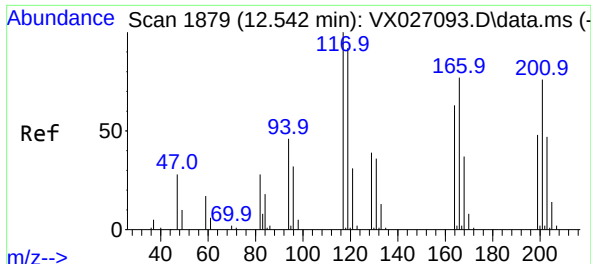


#85
n-Butylbenzene
Concen: 0.539 ug/l
RT: 12.243 min Scan# 1830
Delta R.T. -0.092 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30



Tgt Ion: 91 Resp: 1487
Ion Ratio Lower Upper
91 100
92 14.8 0.0 111.2
134 14.1 0.0 53.8

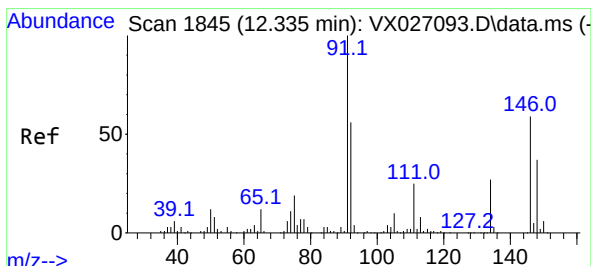
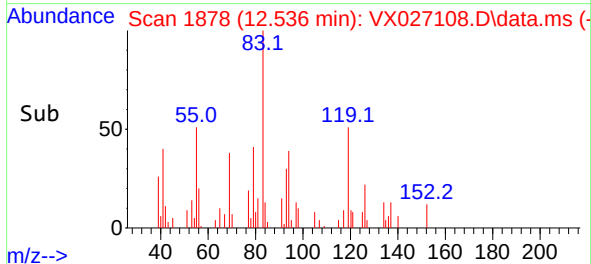
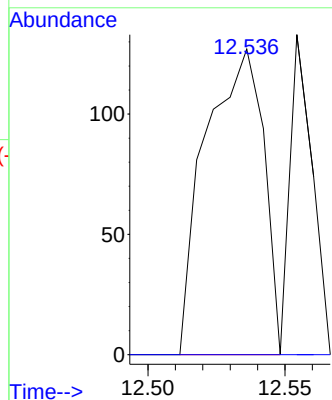
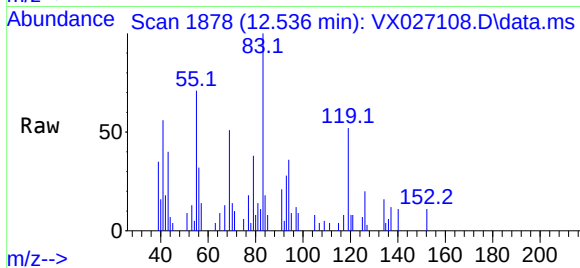




#86
Hexachloroethane
Concen: 0.354 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

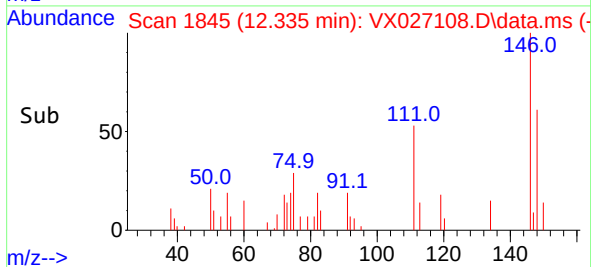
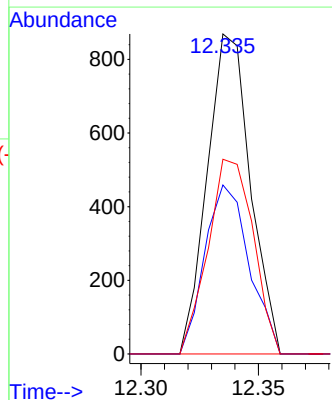
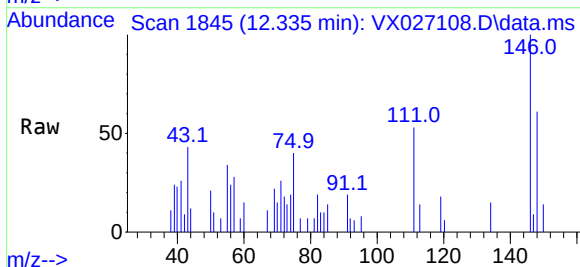
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

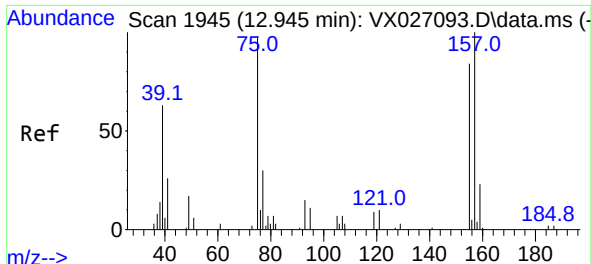
Tgt Ion:117 Resp: 187
Ion Ratio Lower Upper
117 100
201 0.0 36.9 110.7#



#87
1,2-Dichlorobenzene
Concen: 0.649 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion:146 Resp: 1110
Ion Ratio Lower Upper
146 100
111 54.2 21.2 63.6
148 63.9 31.6 95.0

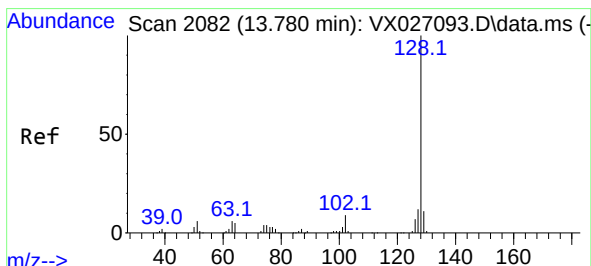
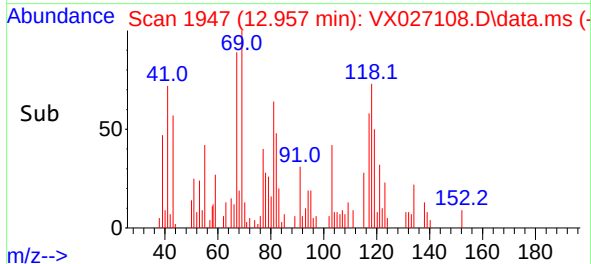
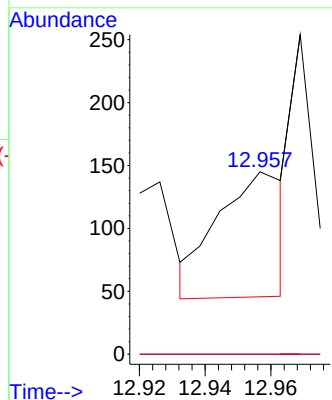
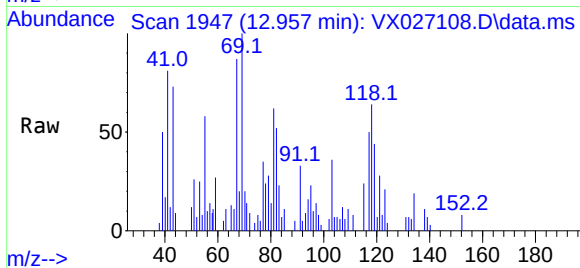




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.503 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Tgt Ion: 75 Resp: 140
Ion Ratio Lower Upper
75 100
155 0.0 69.8 104.6#
157 0.0 88.2 132.2#



#91
Naphthalene
Concen: 10.353 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027108.D
Acq: 18 Feb 2022 14:30

Tgt Ion: 128 Resp: 39159
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 10.9 8.8 13.2

