

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027076.D
 Acq On : 17 Feb 2022 14:36
 Operator : JC/MD
 Sample : N1583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220216018-02-VOA

Quant Time: Feb 18 03:50:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	173727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66072	52.714	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	105.420%	
35) Dibromofluoromethane	5.391	113	55647	53.764	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	107.520%	
50) Toluene-d8	8.653	98	199672	52.555	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	105.100%	
62) 4-Bromofluorobenzene	11.085	95	74409	55.628	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	111.260%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	308	0.279	ug/l	91
6) Chloroethane	1.684	64	19	Below Cal	#	43
8) Diethyl Ether	2.136	74	1302	2.160	ug/l	93
10) Methyl Iodide	2.465	142	153	2.353	ug/l	# 37
11) Tert butyl alcohol	2.959	59	1358703	6000.471	ug/l	96
13) Acrolein	2.392	56	2501	11.952	ug/l	# 24
14) Allyl chloride	2.642	41	7279	3.845	ug/l	# 25
15) Acrylonitrile	2.959	53	13478	20.771	ug/l	# 23
16) Acetone	2.379	43	4297	7.806	ug/l	# 1
17) Carbon Disulfide	2.514	76	681	0.225	ug/l	# 74
18) Methyl Acetate	2.959	43	184982	116.787	ug/l	# 53
19) Methyl tert-butyl Ether	3.117	73	8267	2.186	ug/l	92
25) 2-Butanone	4.586	43	51858	58.467	ug/l	# 74
26) 2,2-Dichloropropane	4.580	77	73534	52.777	ug/l	# 54
27) cis-1,2-Dichloroethene	4.489	96	487	0.377	ug/l	# 5
28) Bromochloromethane	5.013	49	550	0.643	ug/l	# 13
29) Tetrahydrofuran	5.007	42	298072	494.329	ug/l	98
31) Cyclohexane	5.562	56	2073	1.041	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	8352	5.115	ug/l	# 49
37) Ethyl Acetate	4.672	43	3343	1.802	ug/l	# 69
38) Carbon Tetrachloride	5.556	117	10355	6.048	ug/l	# 16
40) Benzene	6.043	78	7739	1.626	ug/l	# 86
41) Methacrylonitrile	5.007	41	163537	162.605	ug/l	# 46
42) 1,2-Dichloroethane	6.092	62	728	0.434	ug/l	# 75
43) Isopropyl Acetate	6.348	43	1544	0.541	ug/l	# 71
49) 1,4-Dioxane	7.665	88	2746	112.643	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	16787	9.703	ug/l	91
52) Toluene	8.720	92	7736	2.568	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	44	1.375	ug/l	# 43
55) 1,1,2-Trichloroethane	9.079	97	383	0.336	ug/l	# 26
56) Ethyl methacrylate	9.378	69	623	0.345	ug/l	# 1
59) 2-Hexanone	9.439	43	2435	1.924	ug/l	97
65) Chlorobenzene	10.079	112	1807	0.570	ug/l	99
67) Ethyl Benzene	10.201	91	2292	0.409	ug/l	95
68) m/p-Xylenes	10.305	106	12118	5.617	ug/l	100
69) o-Xylene	10.646	106	9878	4.673	ug/l	99

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

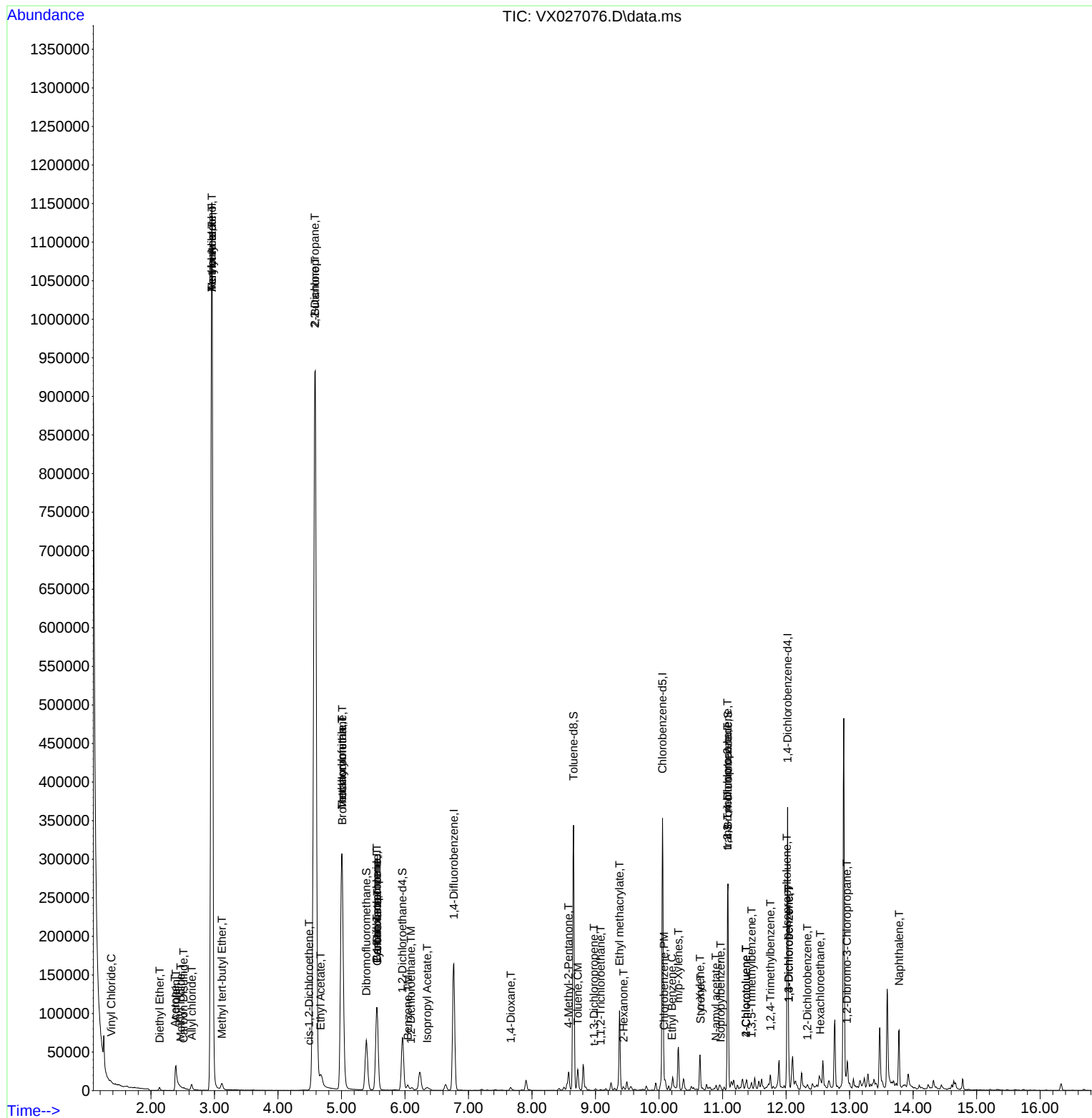
70) Styrene	10.652	104	887	0.259	ug/l #	1
73) Isopropylbenzene	10.969	105	1464	0.260	ug/l	100
74) N-amyl acetate	10.896	43	2584	1.147	ug/l #	59
76) 1,2,3-Trichloropropane	11.079	75	36229	23.114	ug/l #	41
79) 2-Chlorotoluene	11.372	91	1202	0.311	ug/l	78
80) 1,3,5-Trimethylbenzene	11.457	105	3483	0.750	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	36229	70.760	ug/l #	4
82) 4-Chlorotoluene	11.372	91	1202	0.277	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	7058	1.507	ug/l	91
86) p-Isopropyltoluene	12.012	119	1996	0.420	ug/l #	74
87) 1,3-Dichlorobenzene	12.042	146	9033	3.677	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	9033	3.646	ug/l	93
90) Hexachloroethane	12.536	117	196	0.285	ug/l #	14
91) 1,2-Dichlorobenzene	12.335	146	1127	0.475	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.957	75	216	0.574	ug/l #	3
95) Naphthalene	13.780	128	39307	7.502	ug/l	100

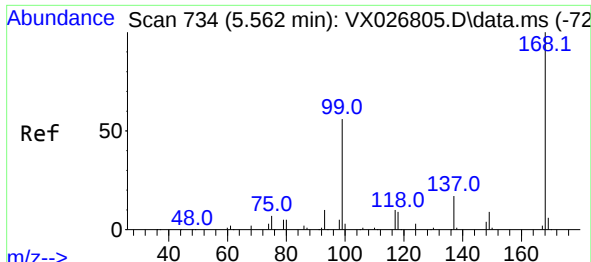
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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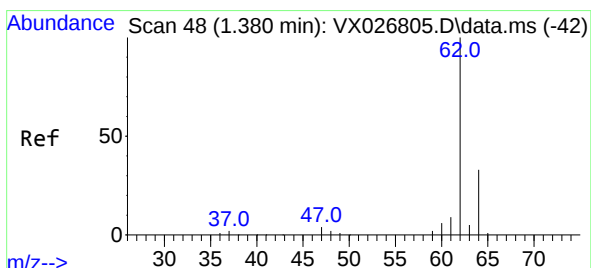
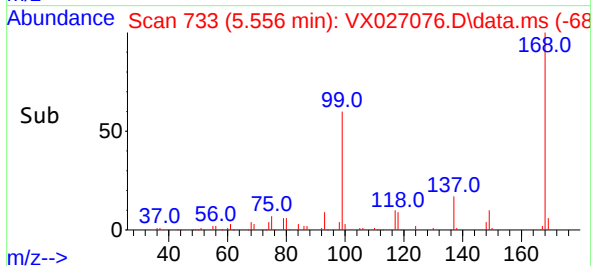
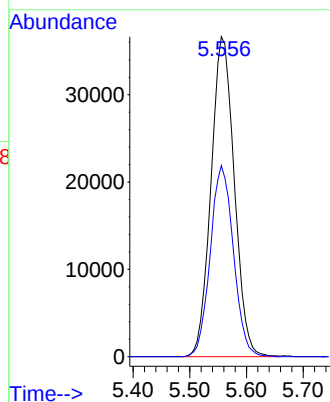
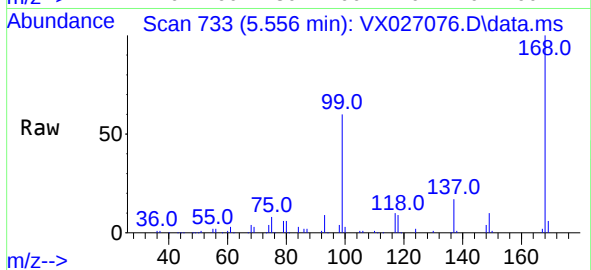




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

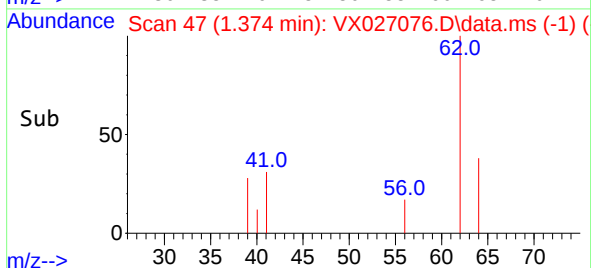
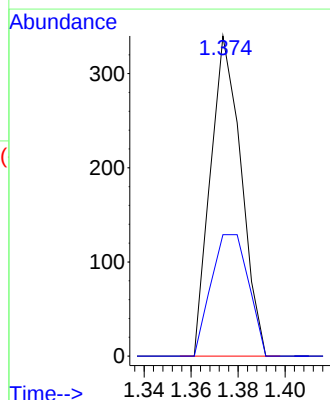
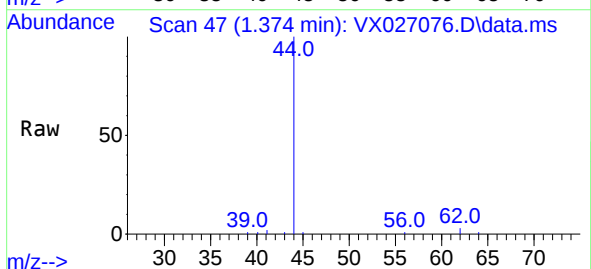
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Tgt Ion:168 Resp: 104416
Ion Ratio Lower Upper
168 100
99 59.7 50.3 75.5

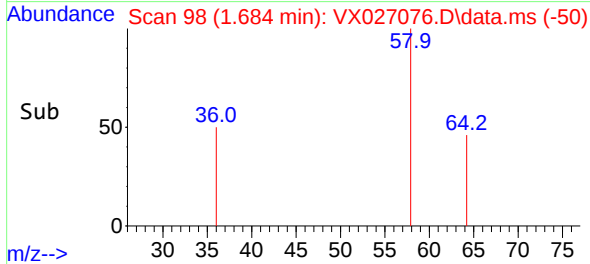
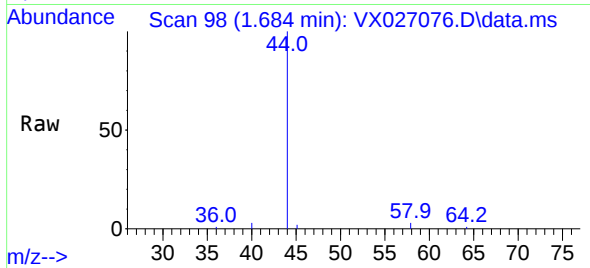
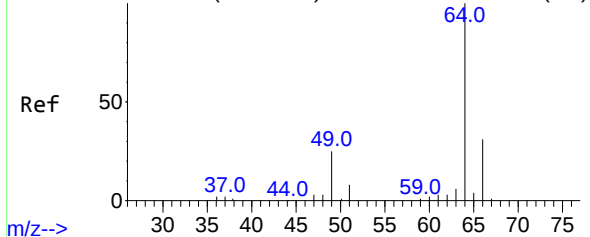


#4
Vinyl Chloride
Concen: 0.279 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 62 Resp: 308
Ion Ratio Lower Upper
62 100
64 37.9 26.2 39.2



Abundance Scan 99 (1.691 min): VX026805.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.684 min Scan# 91

Delta R.T. -0.007 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

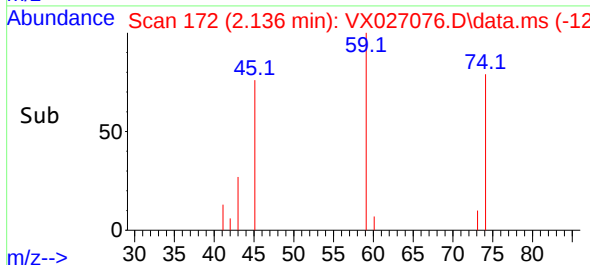
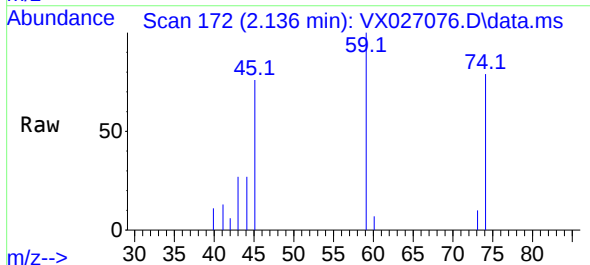
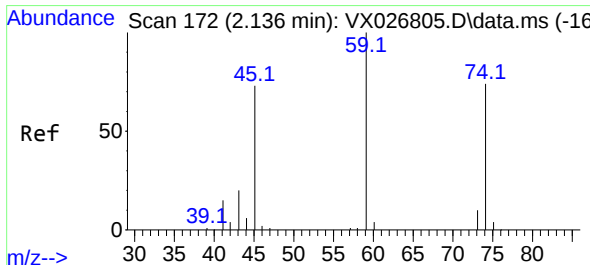
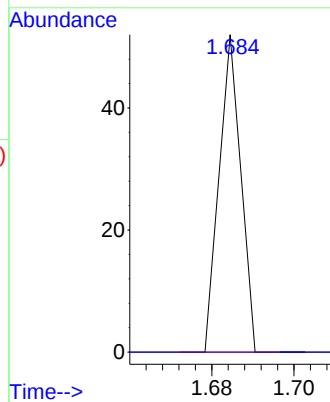
220216018-02-VOA

Tgt Ion: 64 Resp: 19

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



#8

Diethyl Ether

Concen: 2.160 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX027076.D

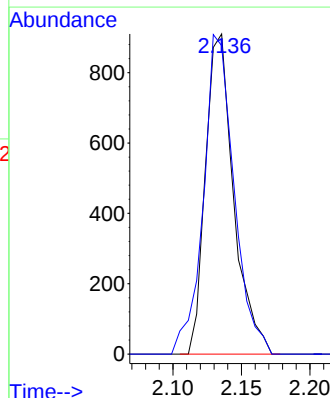
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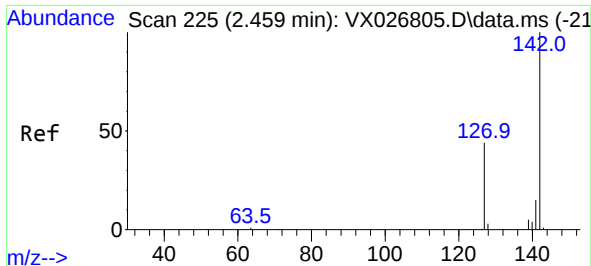
Tgt Ion: 74 Resp: 1302

Ion Ratio Lower Upper

74 100

45 108.4 50.7 152.1

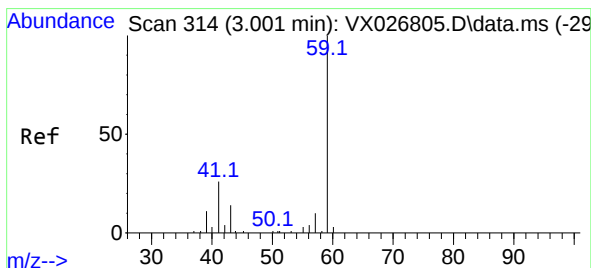
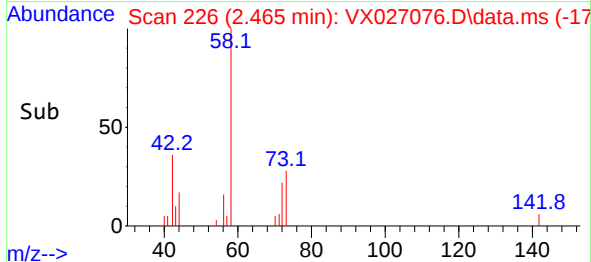
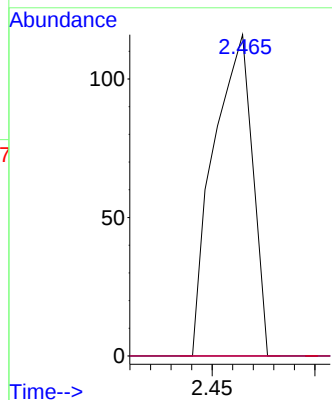
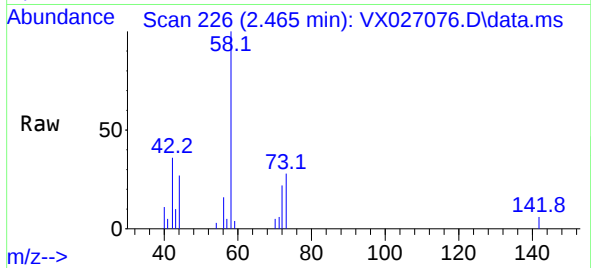




#10
Methyl Iodide
Concen: 2.353 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

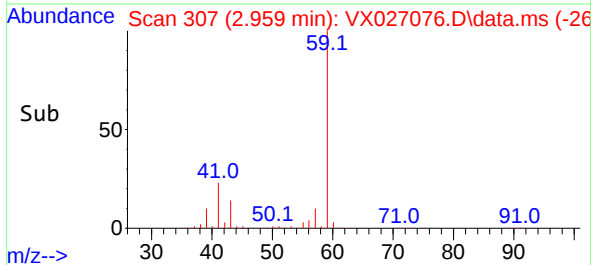
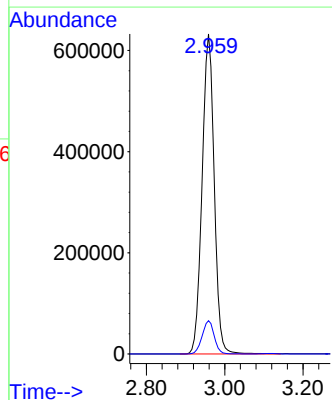
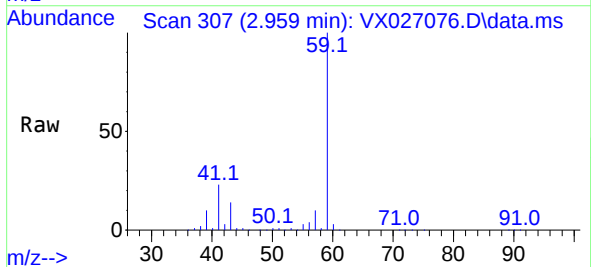
Instrument :
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ClientSampleId :
220216018-02-VOA

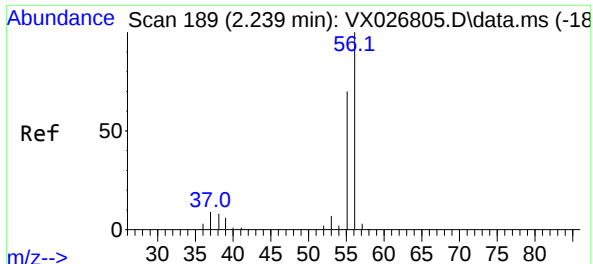
Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 6000.471 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 59 Resp: 1358703
Ion Ratio Lower Upper
59 100
57 10.3 7.2 10.8

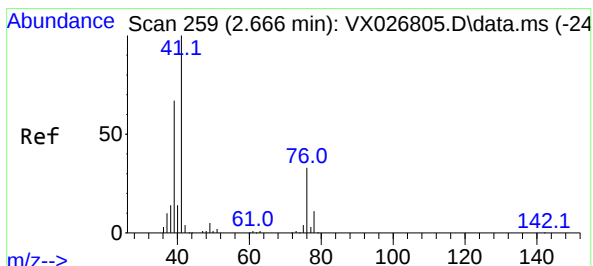
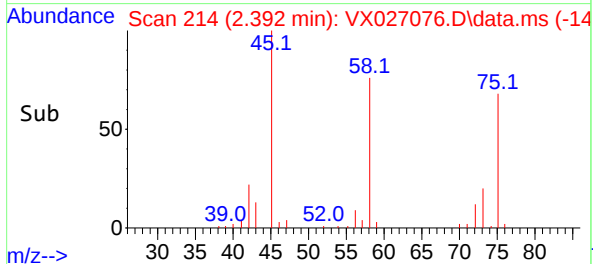
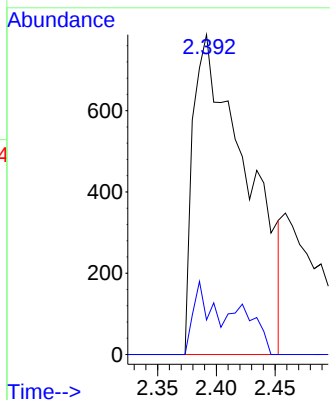
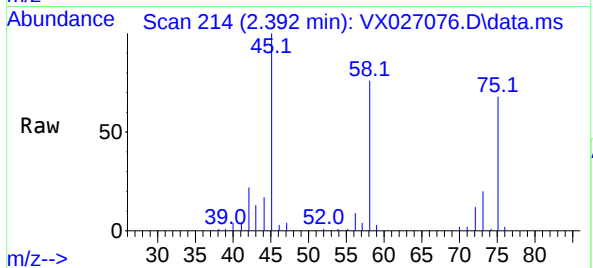




#13
Acrolein
Concen: 11.952 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.152 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

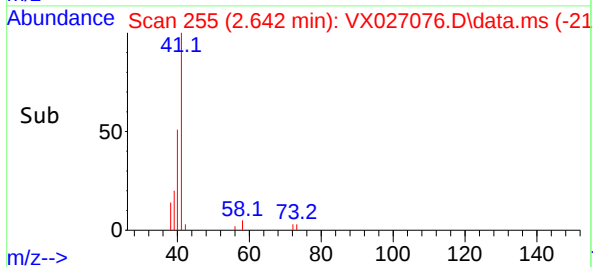
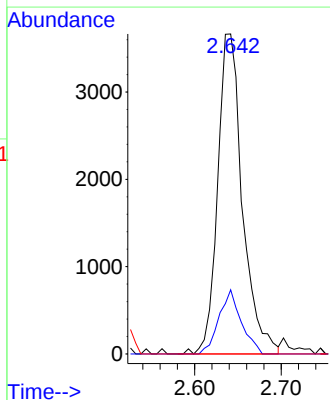
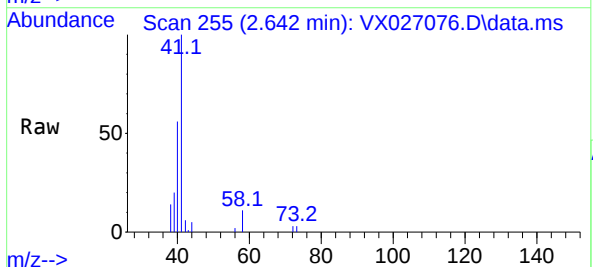
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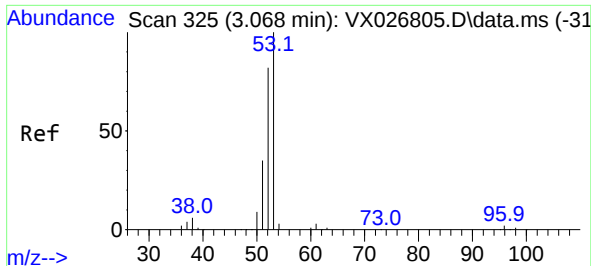
Tgt Ion: 56 Resp: 2501
Ion Ratio Lower Upper
56 100
55 8.1 56.9 85.3#



#14
Allyl chloride
Concen: 3.845 ug/l
RT: 2.642 min Scan# 255
Delta R.T. -0.024 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 41 Resp: 7279
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 25.2 37.8#

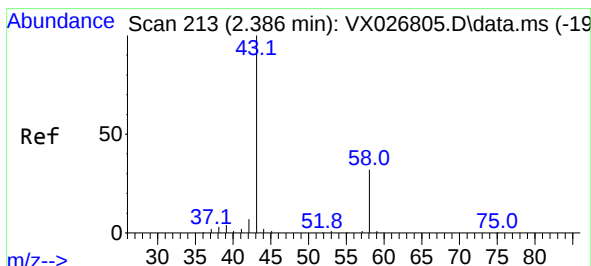
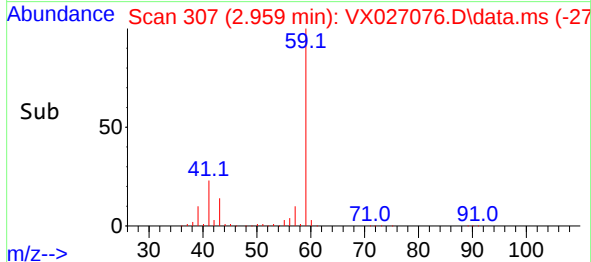
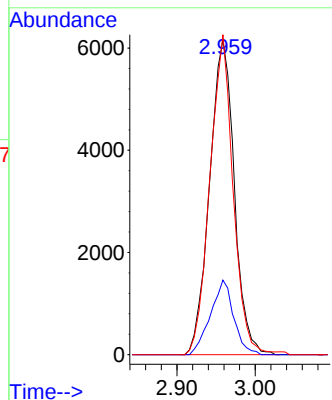
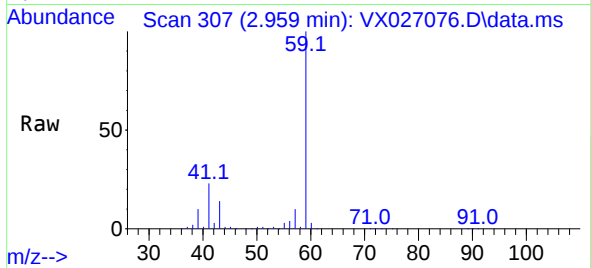




#15
Acrylonitrile
Concen: 20.771 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.110 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

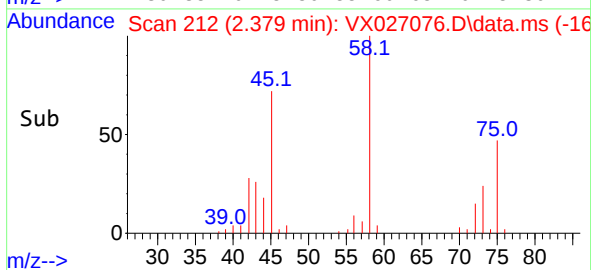
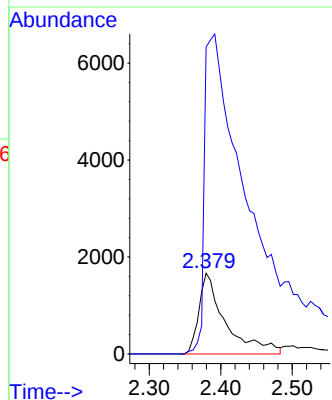
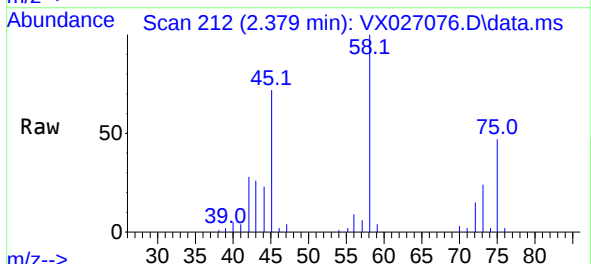
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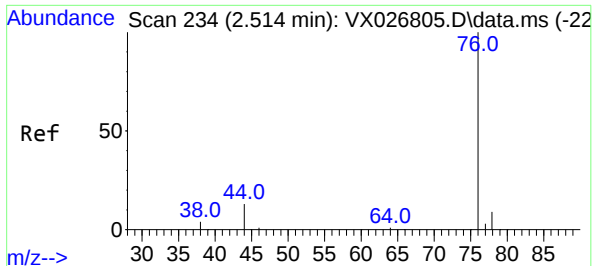
Tgt Ion: 53 Resp: 13478
Ion Ratio Lower Upper
53 100
52 22.3 66.6 100.0#
51 95.8 29.5 44.3#



#16
Acetone
Concen: 7.806 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
58 380.4 23.0 34.6#

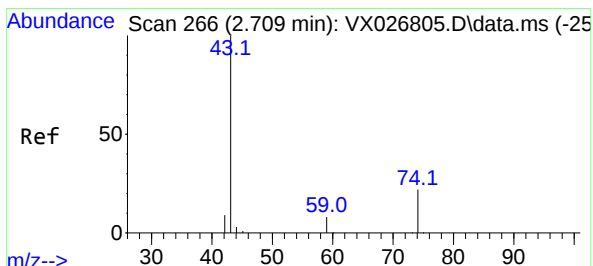
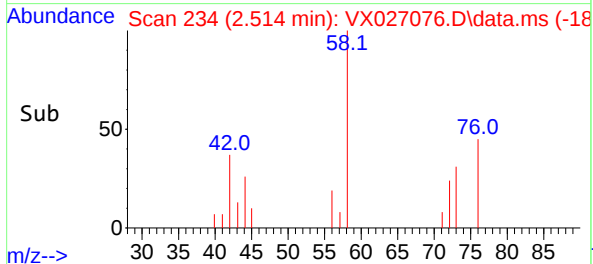
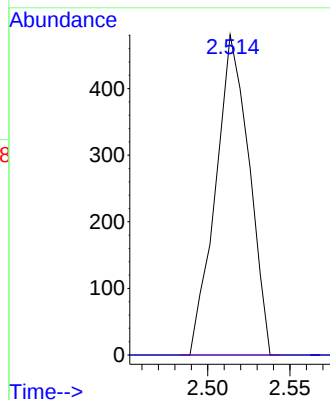
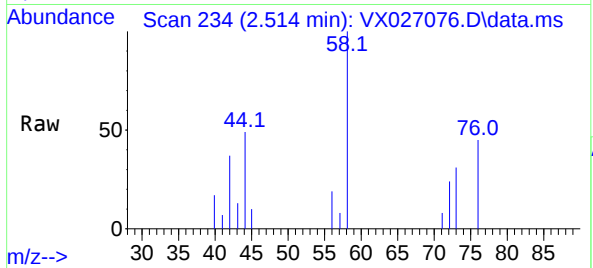




#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

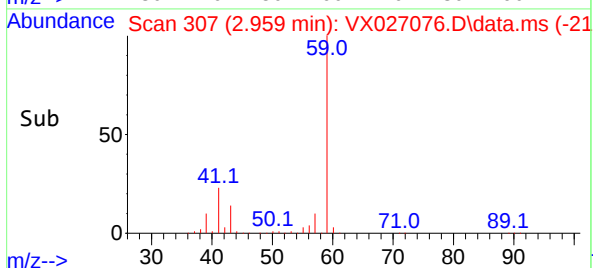
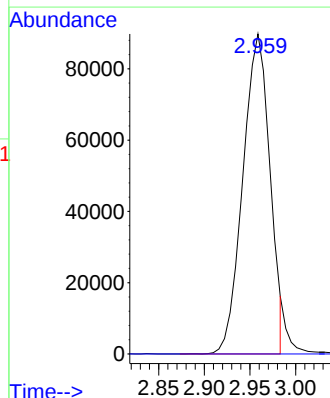
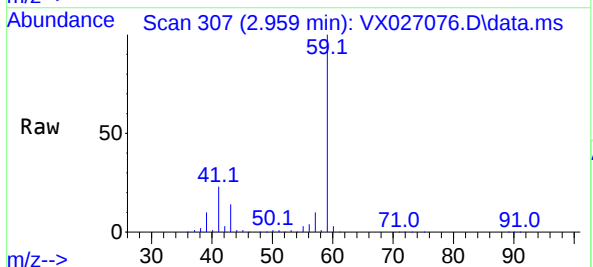
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

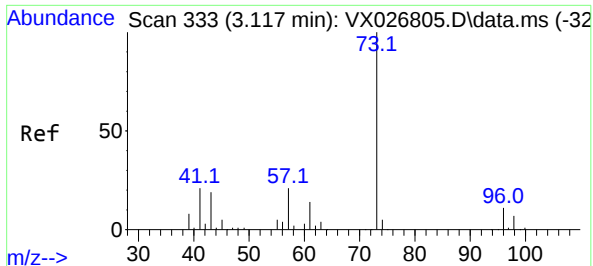
Tgt Ion: 76 Resp: 681
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 116.787 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.250 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 43 Resp: 184982
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#19

Methyl tert-butyl Ether

Concen: 2.186 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

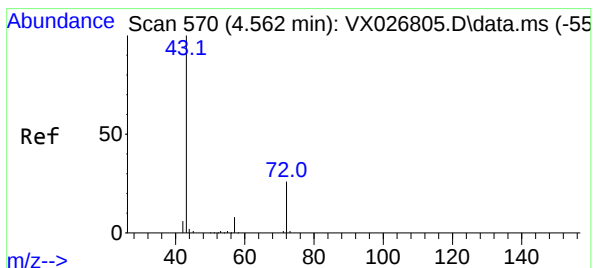
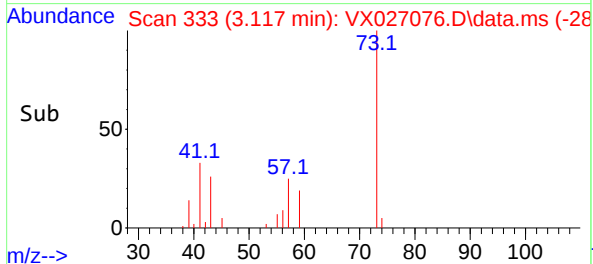
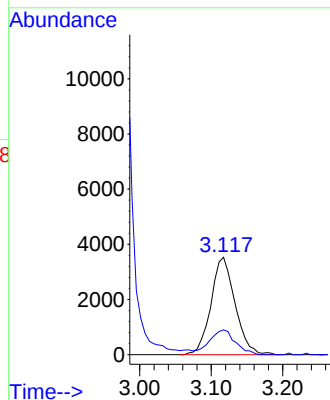
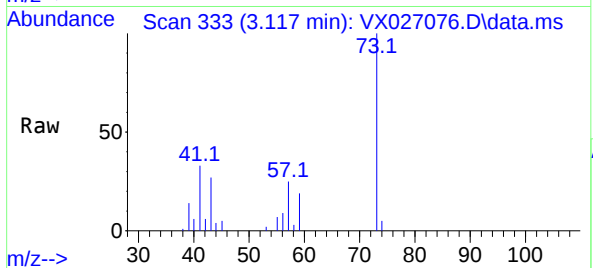
220216018-02-VOA

Tgt Ion: 73 Resp: 8267

Ion Ratio Lower Upper

73 100

57 25.4 17.4 26.2



#25

2-Butanone

Concen: 58.467 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.024 min

Lab File: VX027076.D

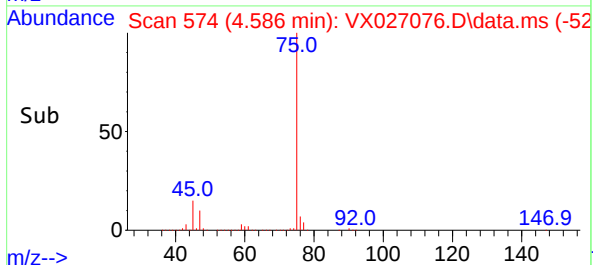
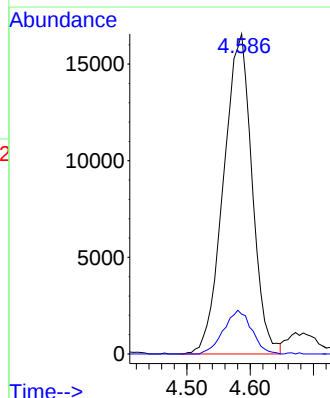
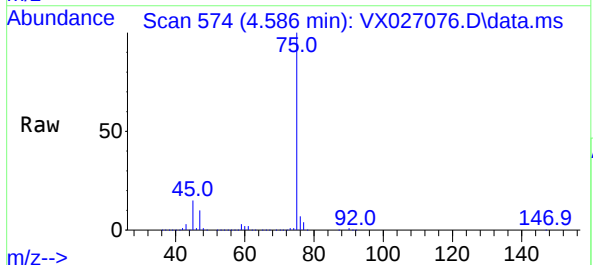
Acq: 17 Feb 2022 14:36

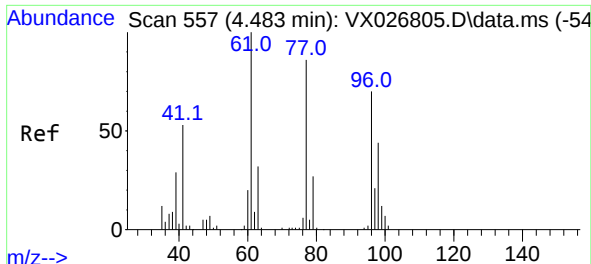
Tgt Ion: 43 Resp: 51858

Ion Ratio Lower Upper

43 100

72 12.5 20.4 30.6#





#26

2,2-Dichloropropane

Concen: 52.777 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

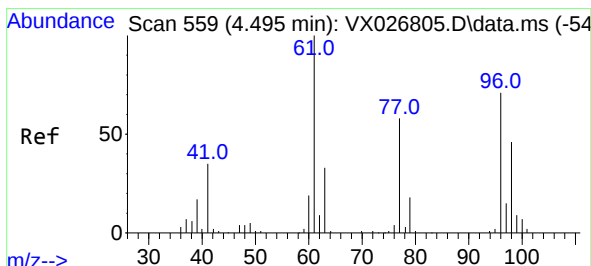
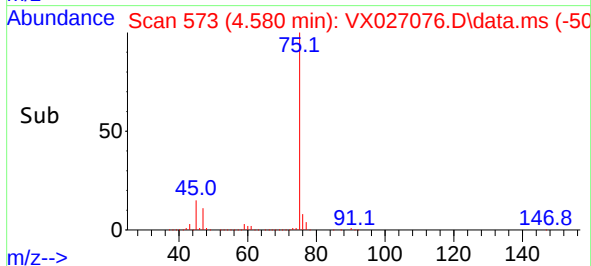
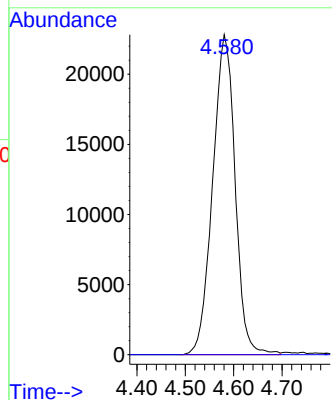
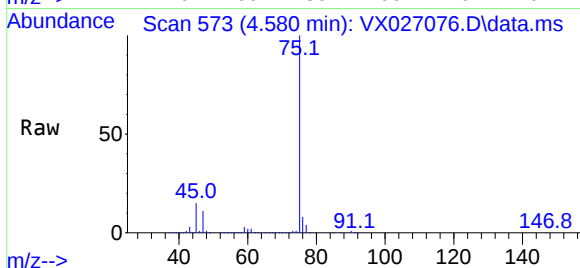
220216018-02-VOA

Tgt Ion: 77 Resp: 73534

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#



#27

cis-1,2-Dichloroethene

Concen: 0.377 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

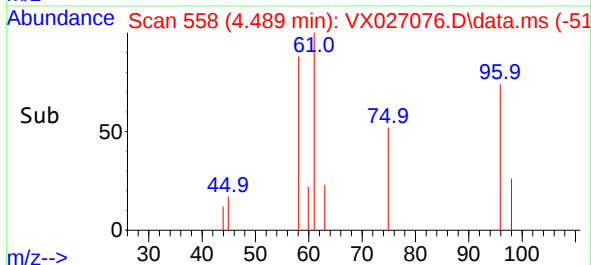
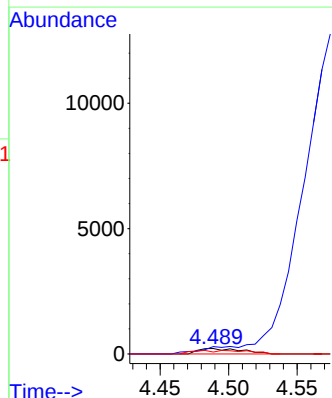
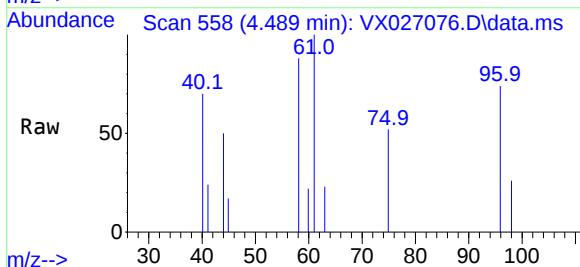
Tgt Ion: 96 Resp: 487

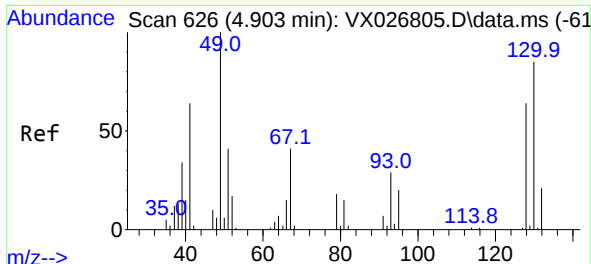
Ion Ratio Lower Upper

96 100

61 0.0 0.0 296.6

98 32.0 0.0 128.8

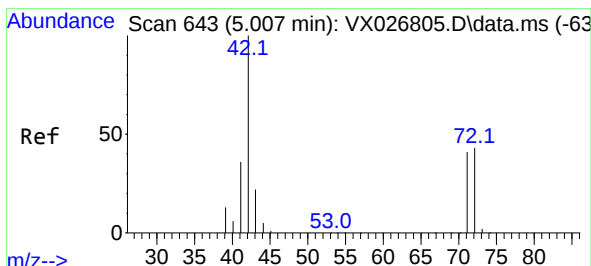
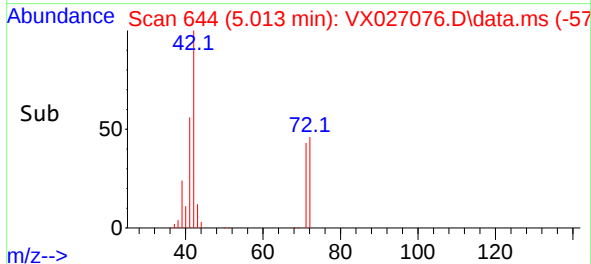
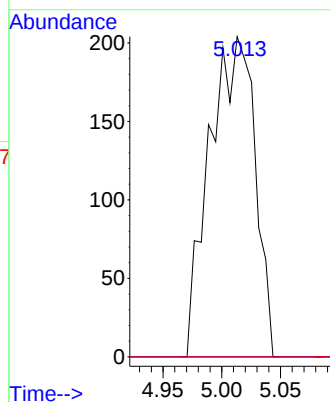
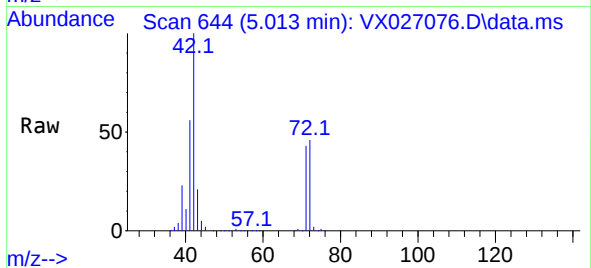




#28
Bromochloromethane
Concen: 0.643 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.110 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

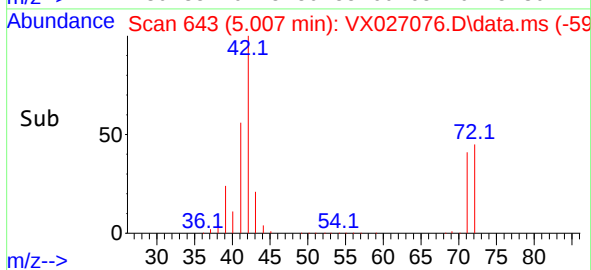
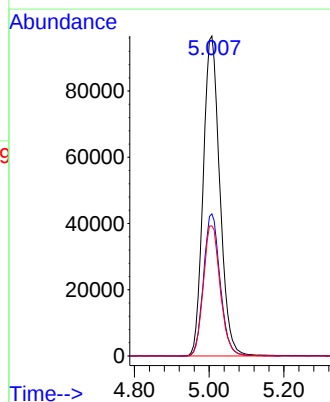
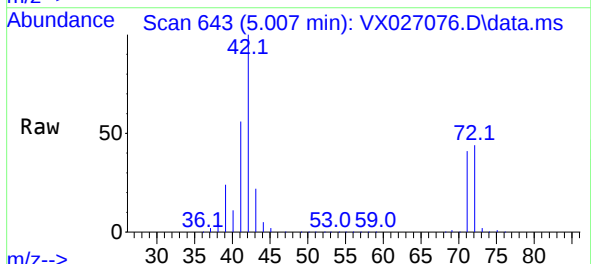
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

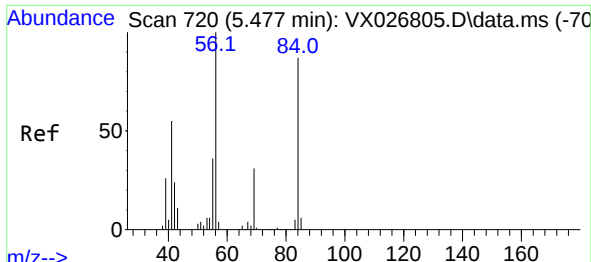
Tgt Ion: 49 Resp: 550
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#



#29
Tetrahydrofuran
Concen: 494.329 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

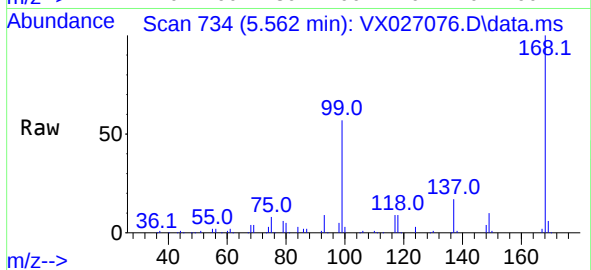
Tgt Ion: 42 Resp: 298072
Ion Ratio Lower Upper
42 100
72 44.3 34.6 52.0
71 41.2 31.8 47.8



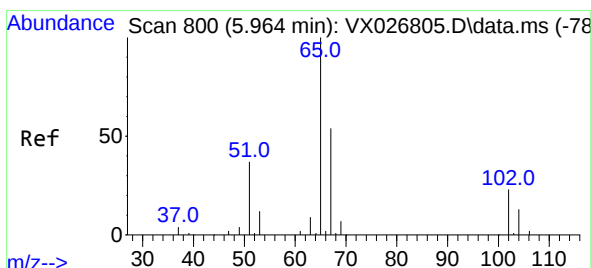
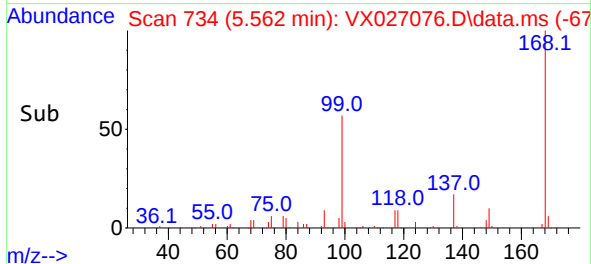
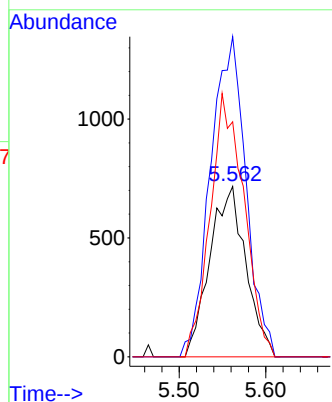


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

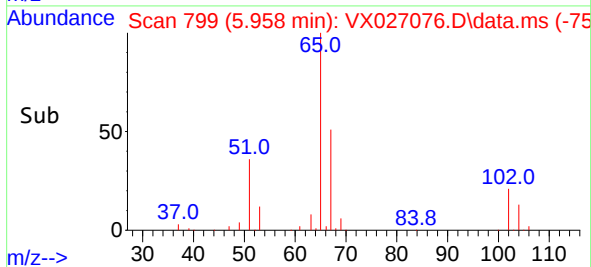
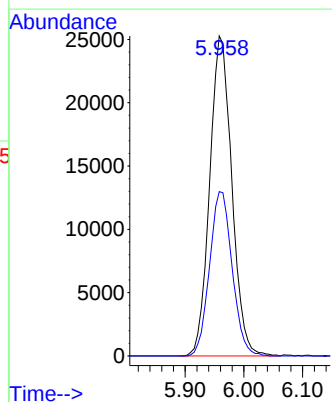
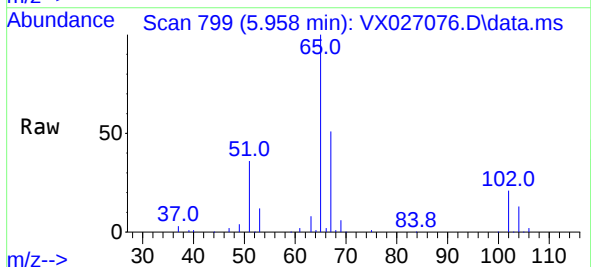


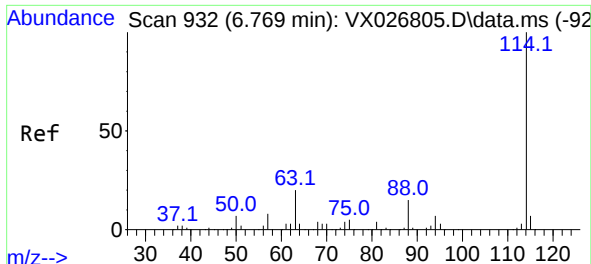
Tgt Ion: 56 Resp: 2073
Ion Ratio Lower Upper
56 100
69 187.9 25.8 38.6#
84 137.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.714 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 65 Resp: 66072
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

220216018-02-VOA

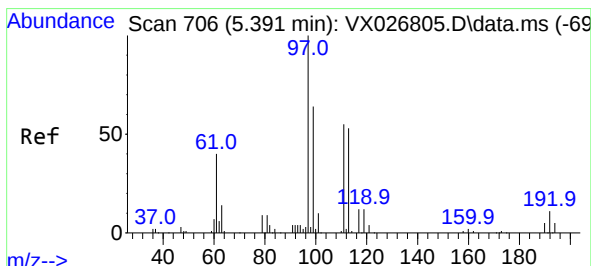
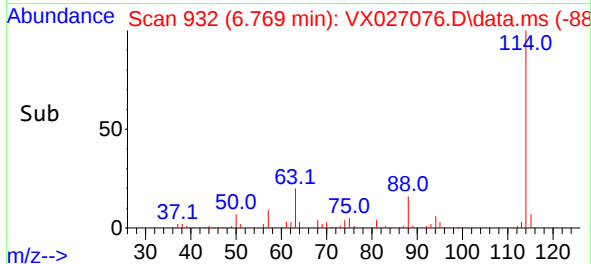
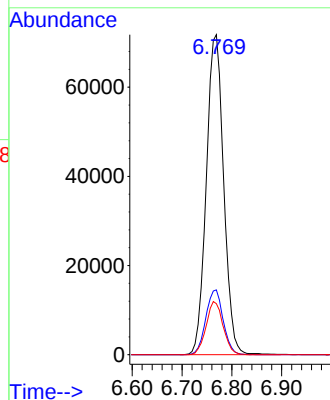
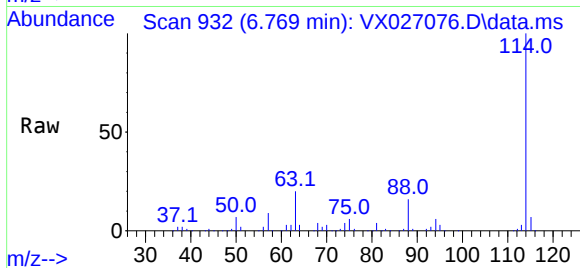
Tgt Ion:114 Resp: 173727

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 53.764 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

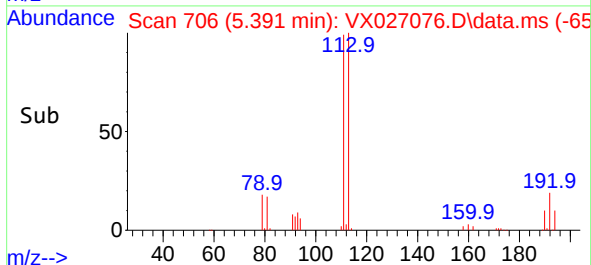
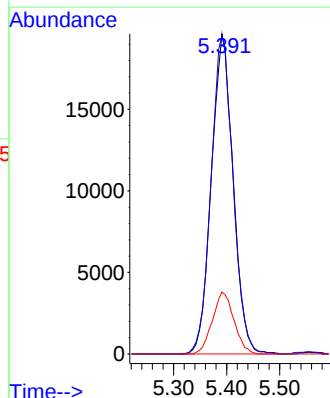
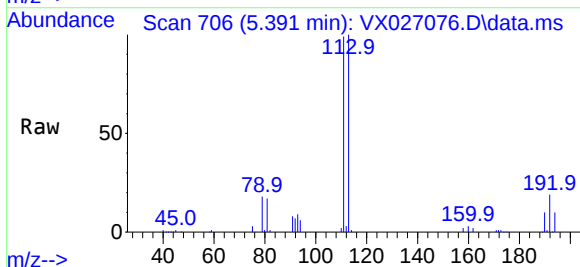
Tgt Ion:113 Resp: 55647

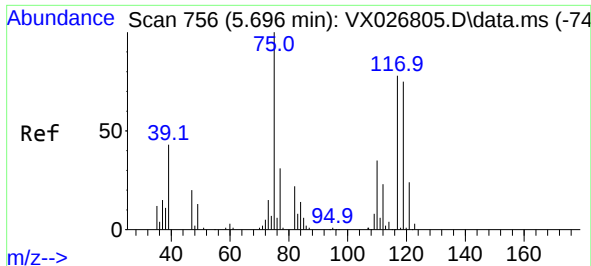
Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

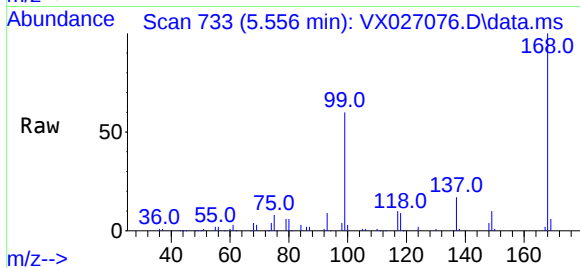
192 19.3 15.0 22.4



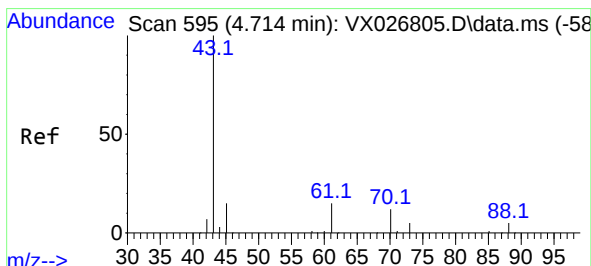
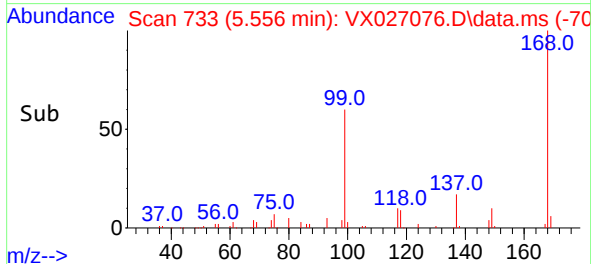
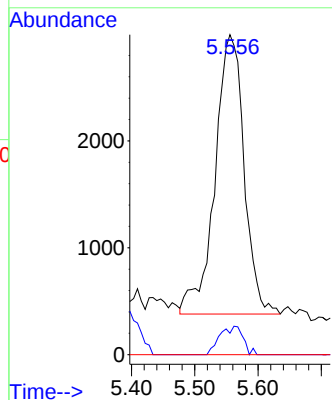


#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

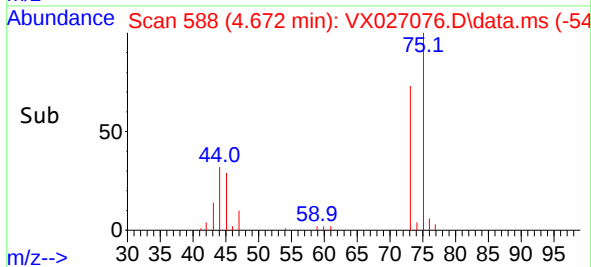
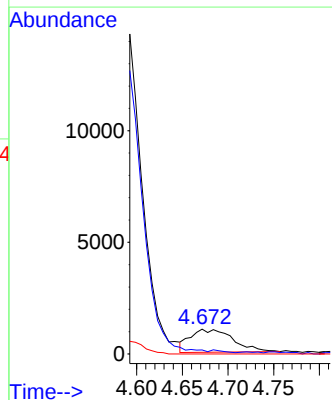
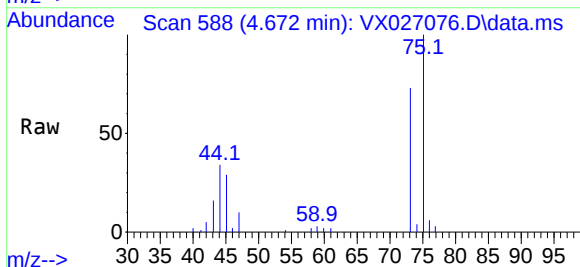


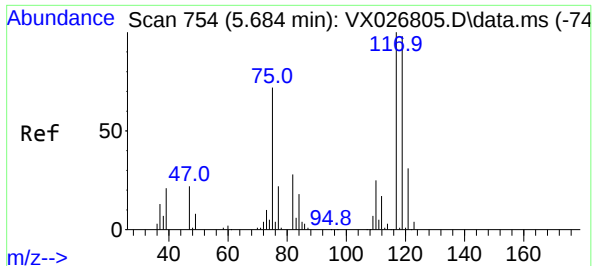
Tgt Ion: 75 Resp: 8352
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.802 ug/l
RT: 4.672 min Scan# 588
Delta R.T. -0.043 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

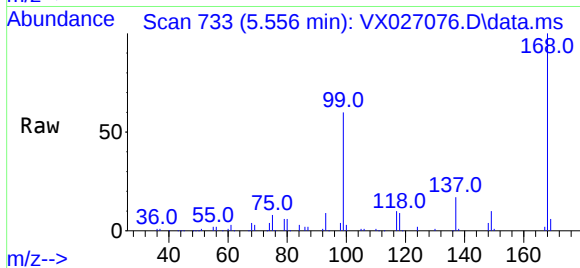
Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



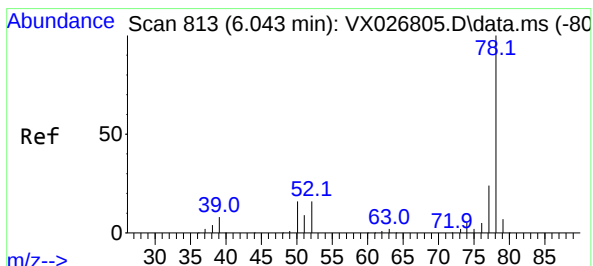
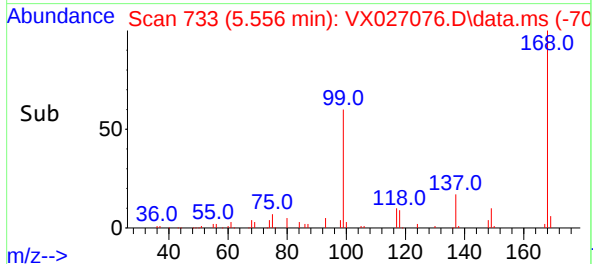
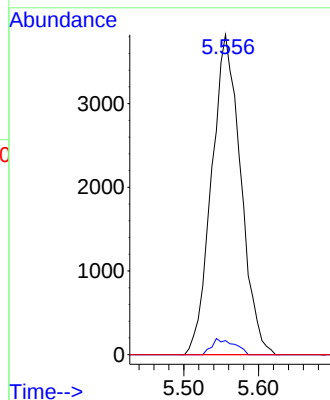


#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

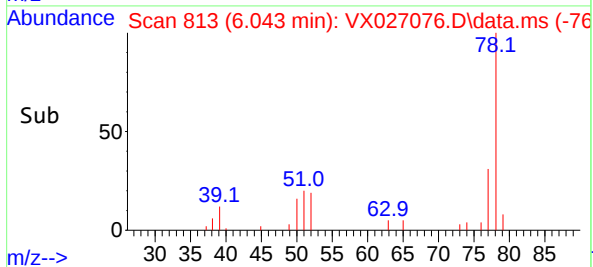
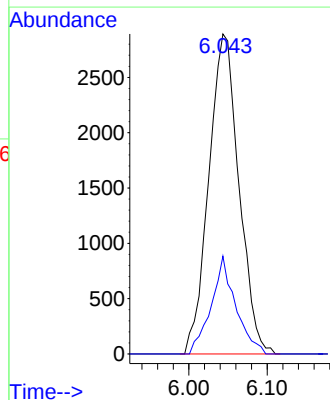
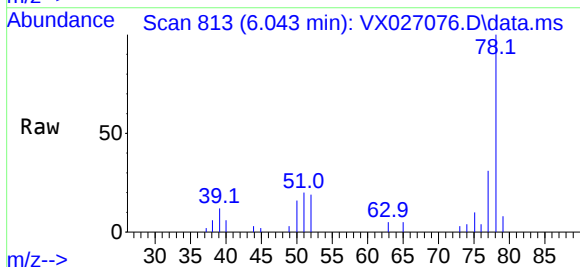


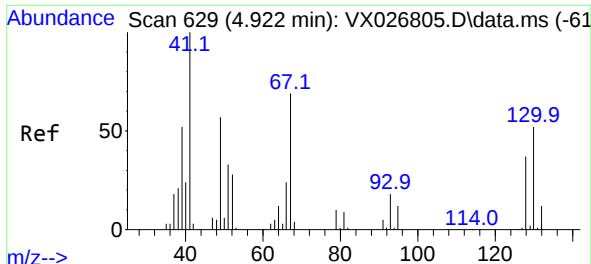
Tgt Ion:117 Resp: 10355
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 1.626 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 78 Resp: 7739
Ion Ratio Lower Upper
78 100
77 30.6 18.9 28.3#

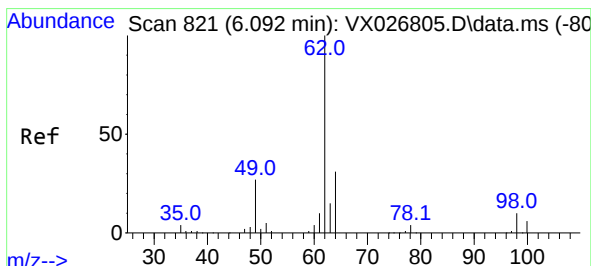
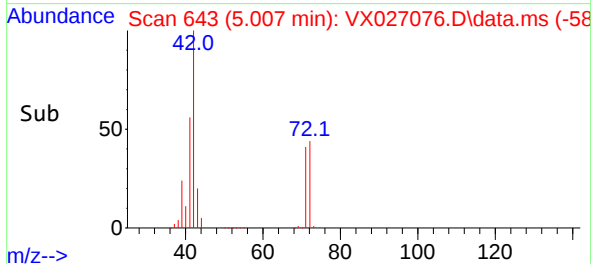
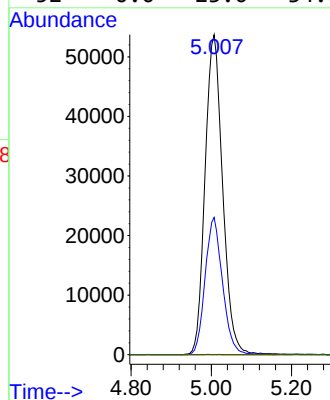
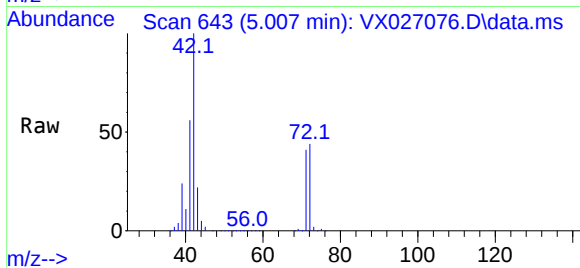




#41
Methacrylonitrile
Concen: 162.605 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

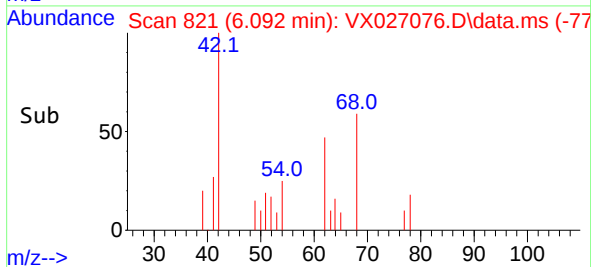
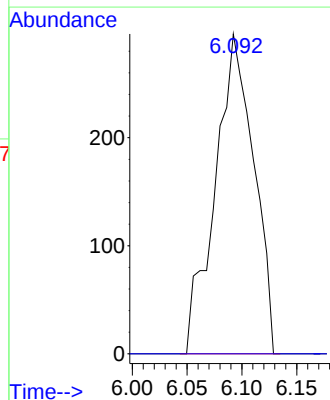
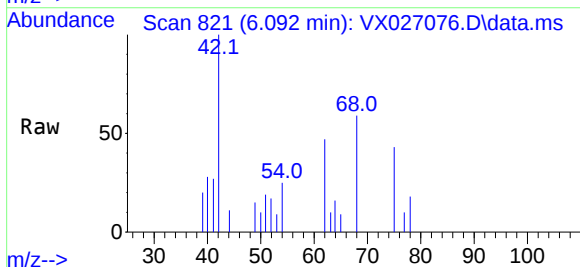
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

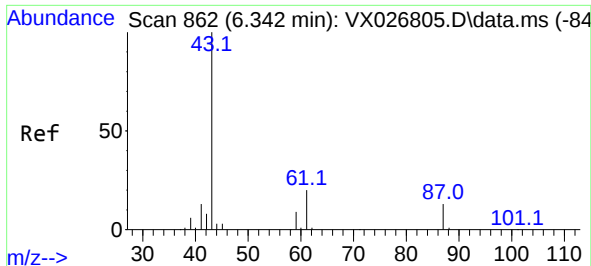
Tgt Ion: 41 Resp: 163537
Ion Ratio Lower Upper
41 100
39 42.5 45.4 68.0#
67 0.0 53.2 79.8#
52 0.0 23.0 34.6#



#42
1,2-Dichloroethane
Concen: 0.434 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 62 Resp: 728
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8

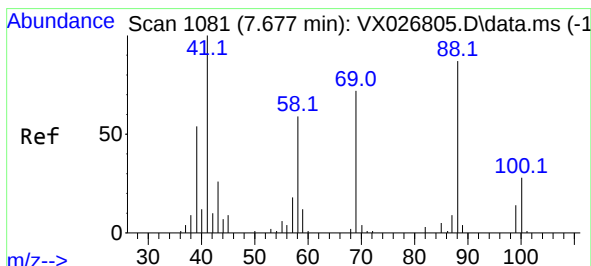
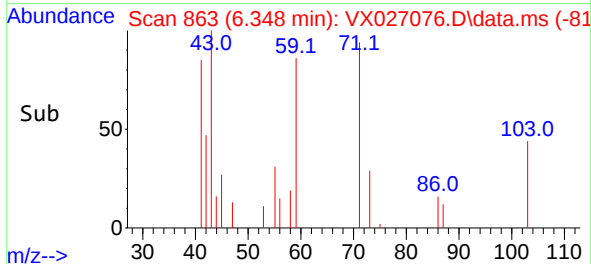
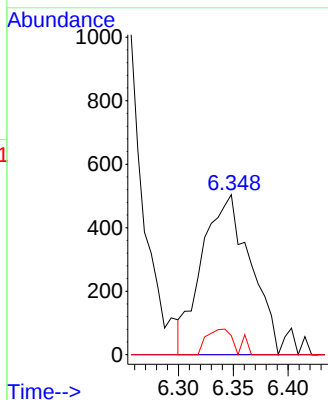
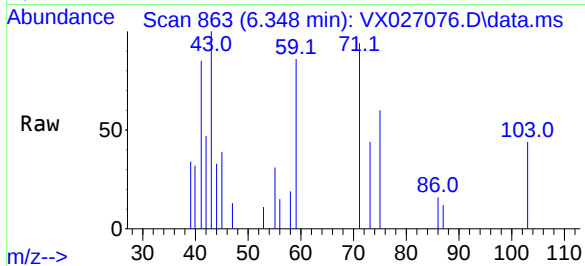




#43
Isopropyl Acetate
Concen: 0.541 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

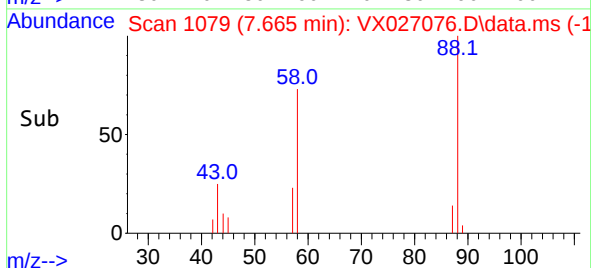
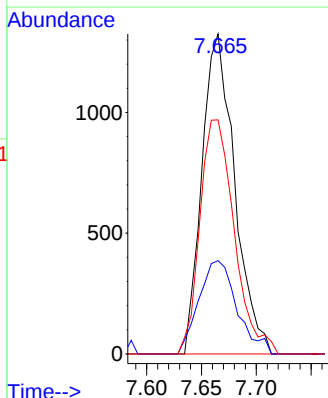
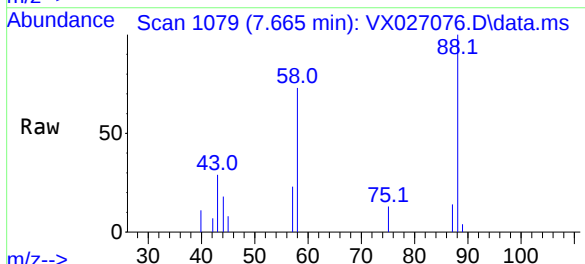
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

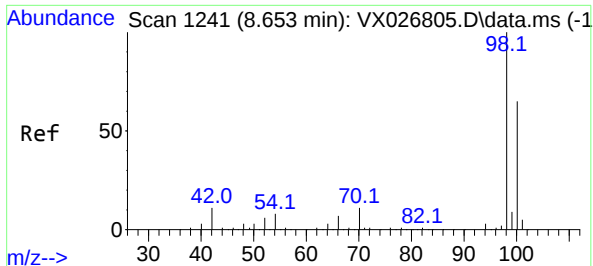
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 9.7 10.2 15.2#



#49
1,4-Dioxane
Concen: 112.643 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.012 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 88 Resp: 2746
Ion Ratio Lower Upper
88 100
43 34.0 29.9 44.9
58 77.1 57.8 86.6





#50

Toluene-d8

Concen: 52.555 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

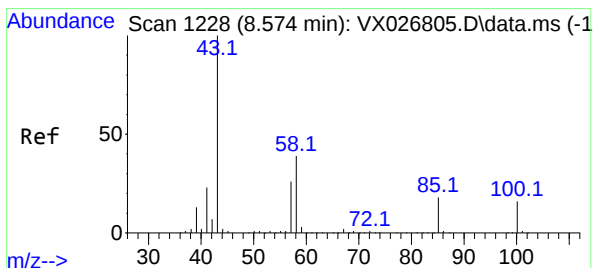
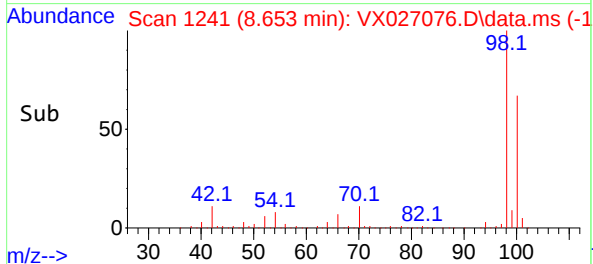
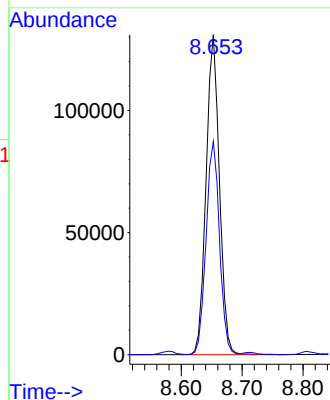
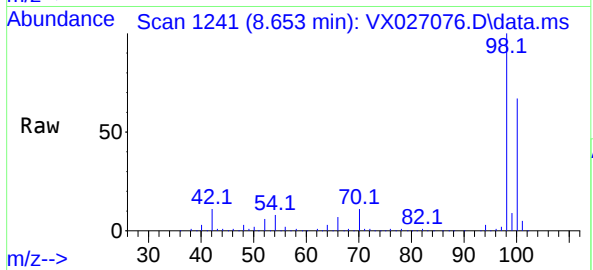
220216018-02-VOA

Tgt Ion: 98 Resp: 199672

Ion Ratio Lower Upper

98 100

100 67.0 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 9.703 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027076.D

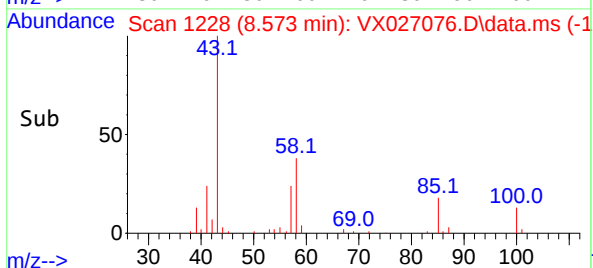
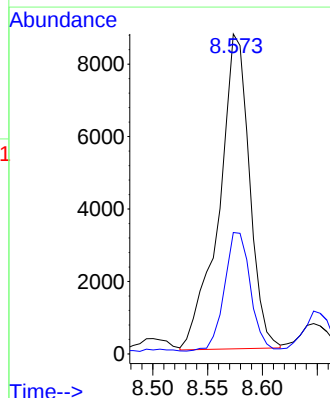
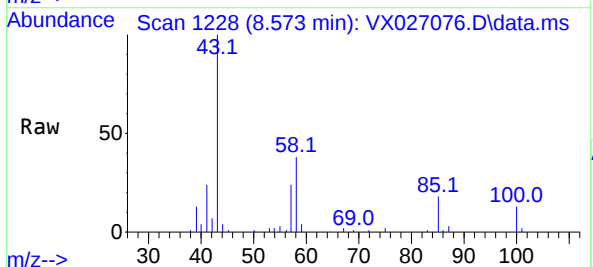
Acq: 17 Feb 2022 14:36

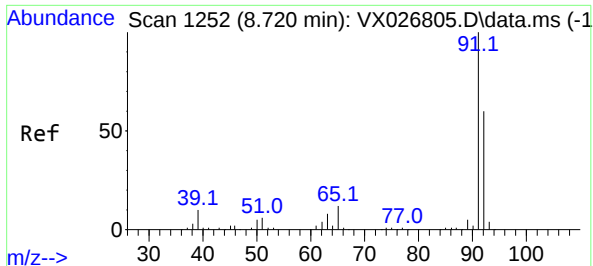
Tgt Ion: 43 Resp: 16787

Ion Ratio Lower Upper

43 100

58 32.8 30.5 45.7

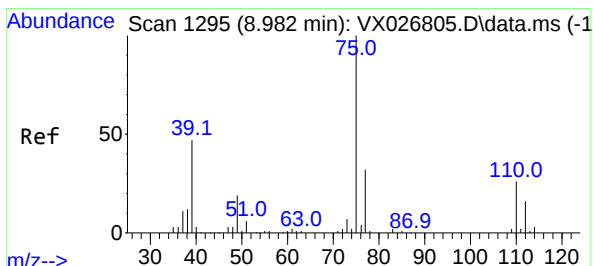
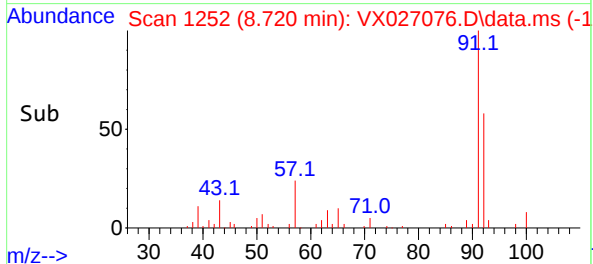
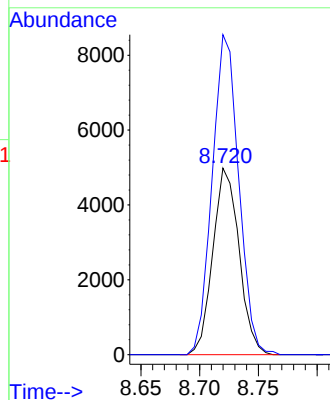
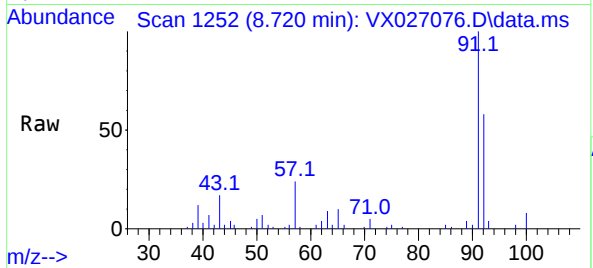




#52
Toluene
Concen: 2.568 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

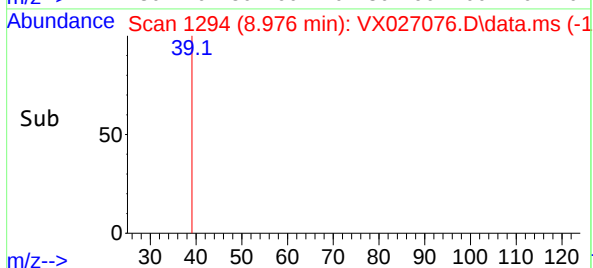
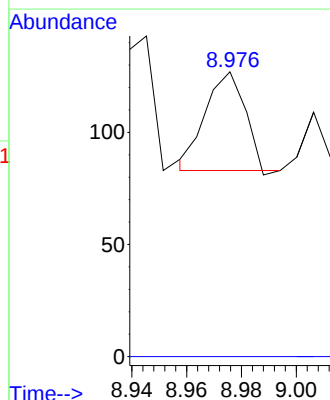
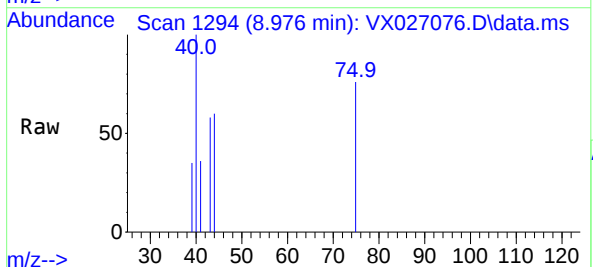
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

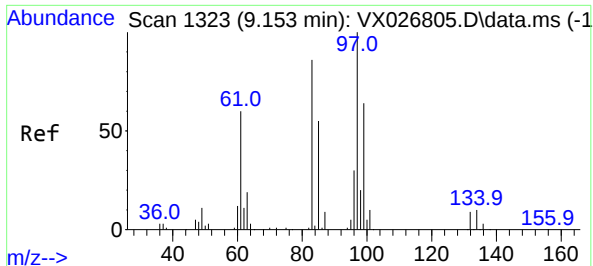
Tgt Ion: 92 Resp: 7736
Ion Ratio Lower Upper
92 100
91 173.6 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 1.375 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 0.336 ug/l

RT: 9.079 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

220216018-02-VOA

Tgt Ion: 97 Resp: 383

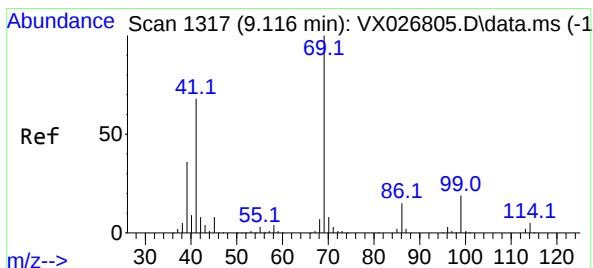
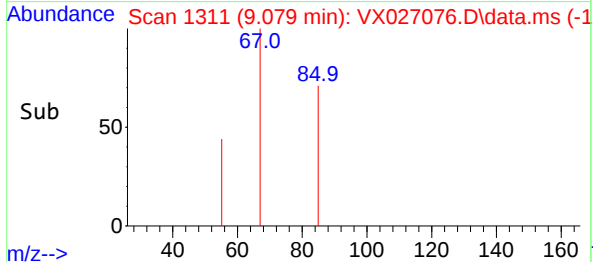
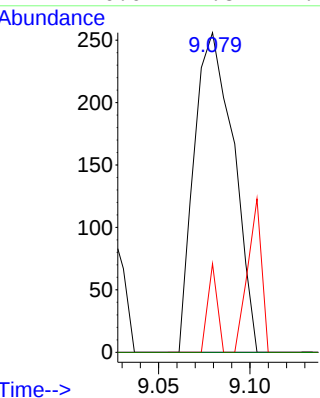
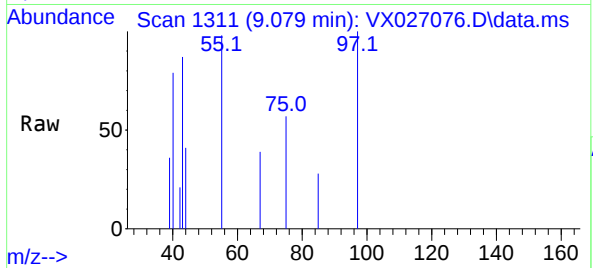
Ion Ratio Lower Upper

97 100

83 0.0 68.4 102.6#

85 27.7 44.0 66.0#

99 0.0 49.8 74.6#



#56

Ethyl methacrylate

Concen: 0.345 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. 0.262 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

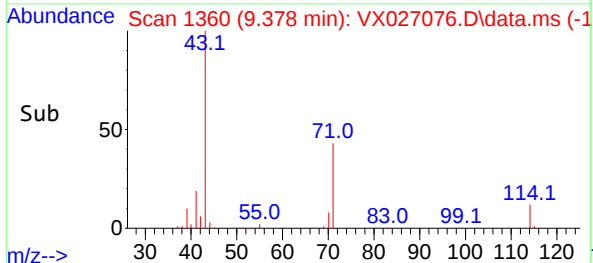
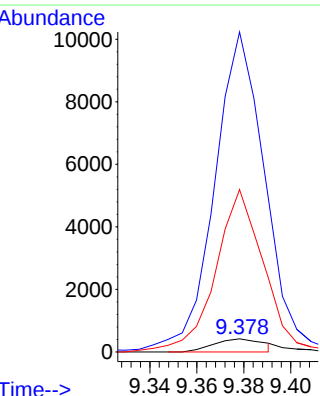
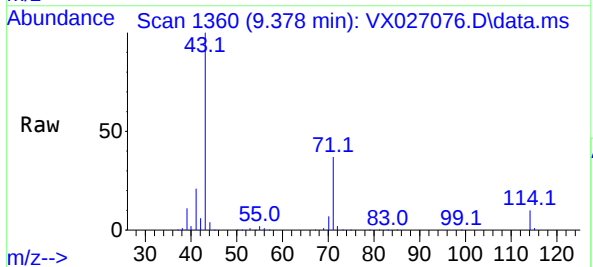
Tgt Ion: 69 Resp: 623

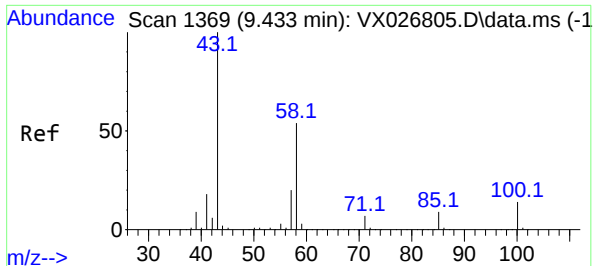
Ion Ratio Lower Upper

69 100

41 2247.7 57.2 85.8#

39 1105.9 30.9 46.3#





#59

2-Hexanone

Concen: 1.924 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

Instrument :

MSVOA_X

ClientSampleId :

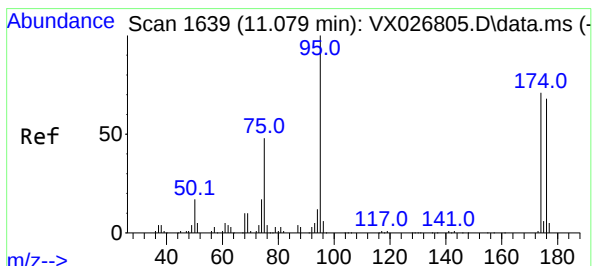
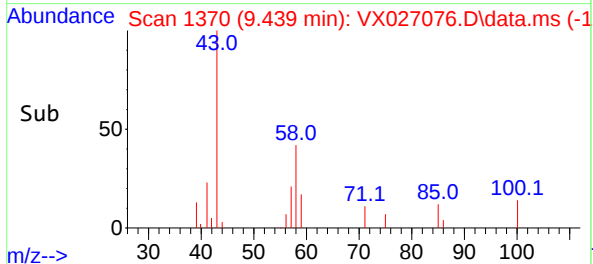
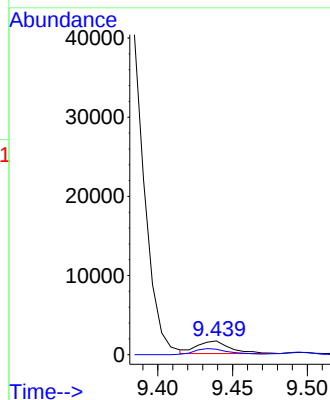
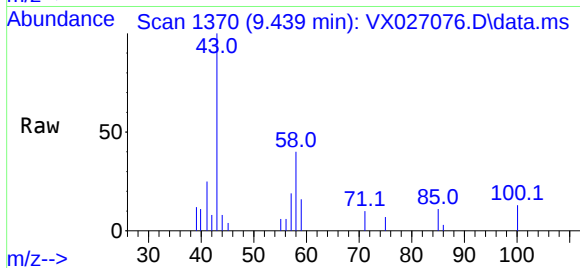
220216018-02-VOA

Tgt Ion: 43 Resp: 2435

Ion Ratio Lower Upper

43 100

58 51.0 26.4 79.2



#62

4-Bromofluorobenzene

Concen: 55.628 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027076.D

Acq: 17 Feb 2022 14:36

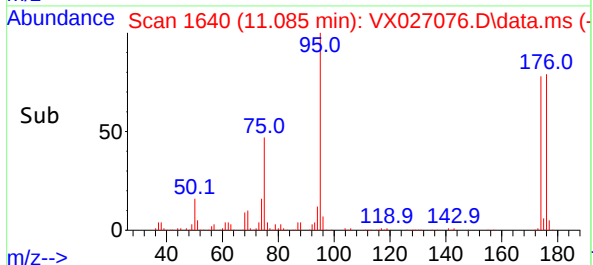
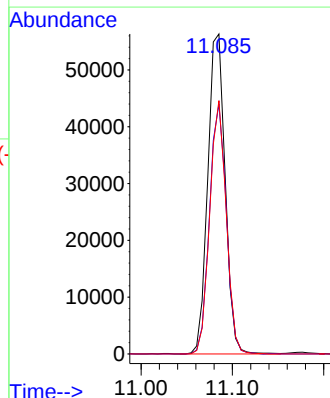
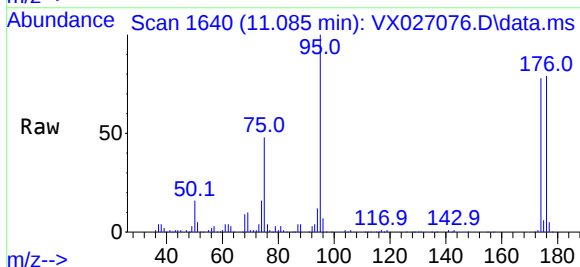
Tgt Ion: 95 Resp: 74409

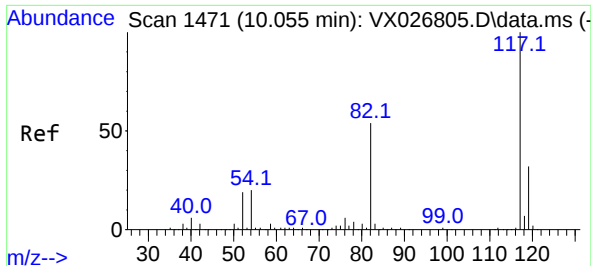
Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.6

176 74.9 0.0 141.4

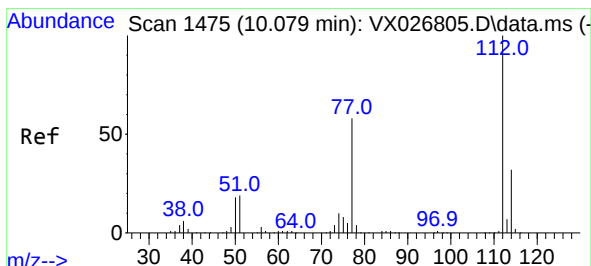
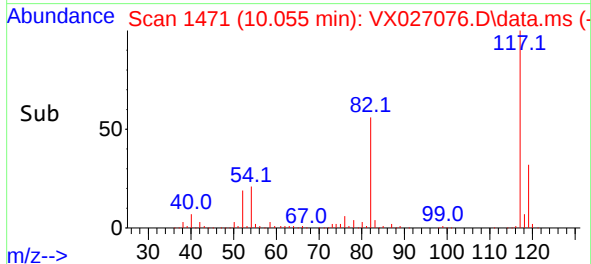
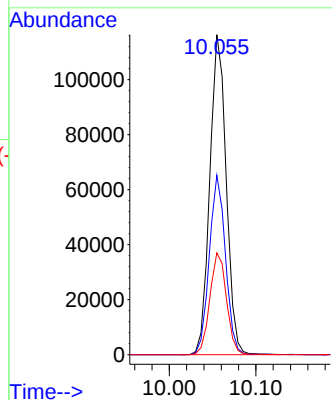
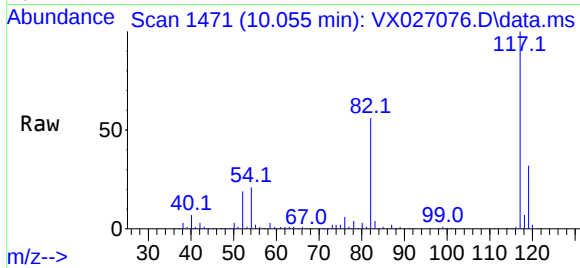




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

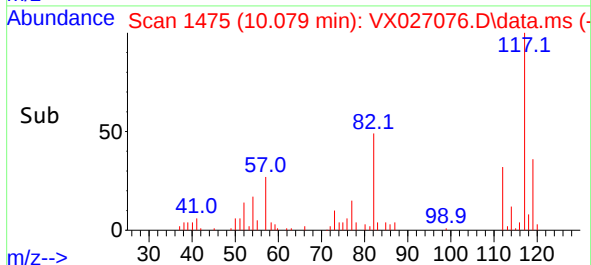
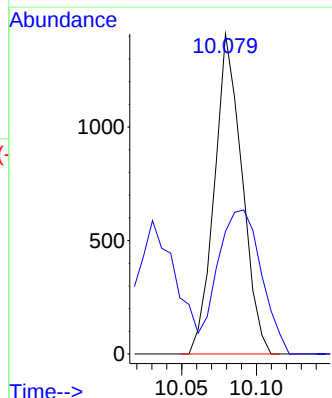
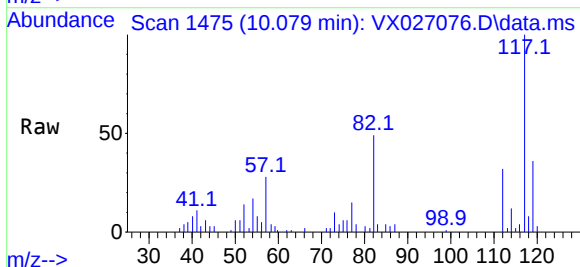
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

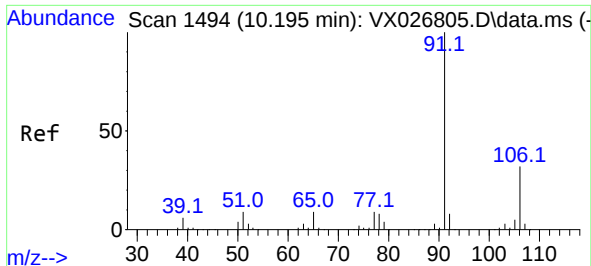
Tgt Ion:117 Resp: 153182
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.8 26.2 39.2



#65
Chlorobenzene
Concen: 0.570 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:112 Resp: 1807
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

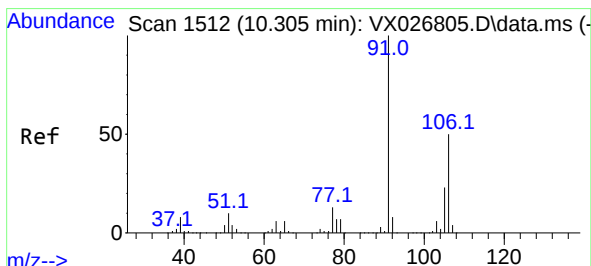
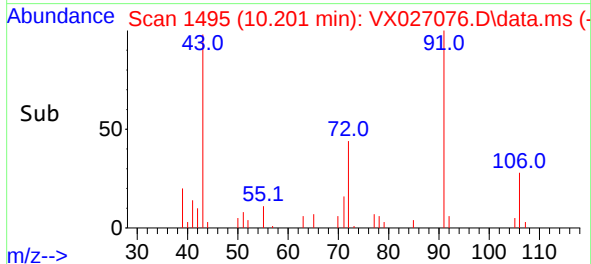
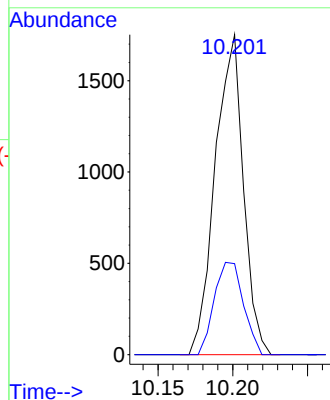
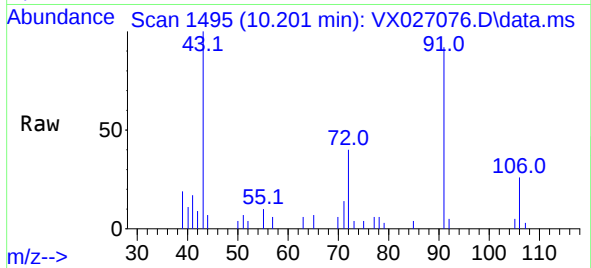




#67
Ethyl Benzene
Concen: 0.409 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

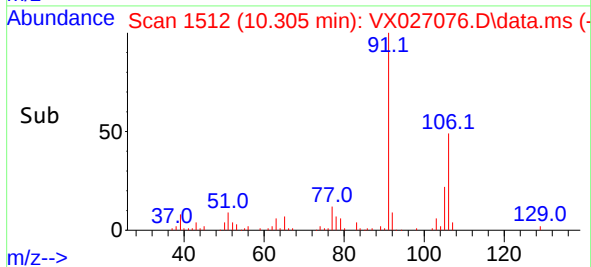
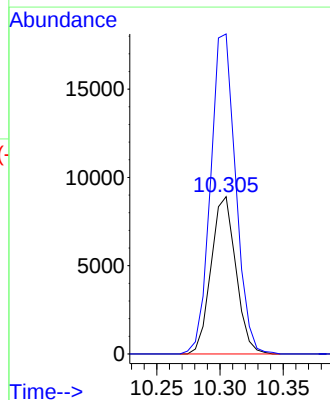
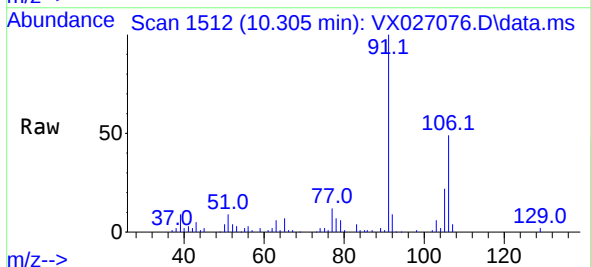
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

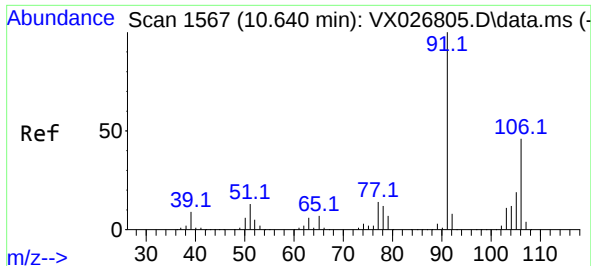
Tgt Ion: 91 Resp: 2292
Ion Ratio Lower Upper
91 100
106 28.4 24.7 37.1



#68
m/p-Xylenes
Concen: 5.617 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 106 Resp: 12118
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9

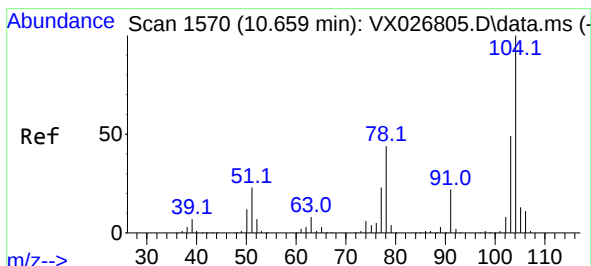
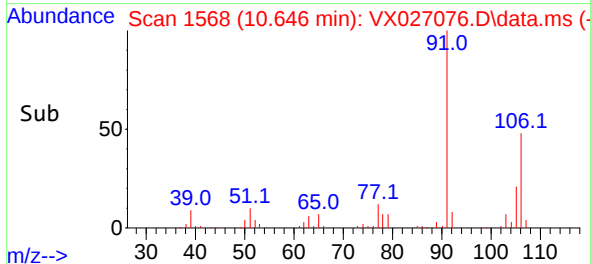
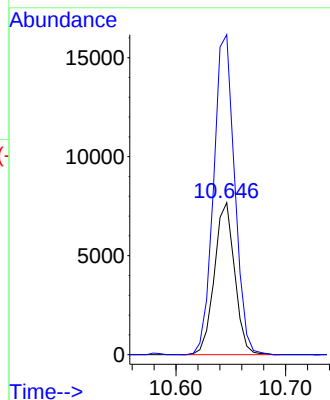
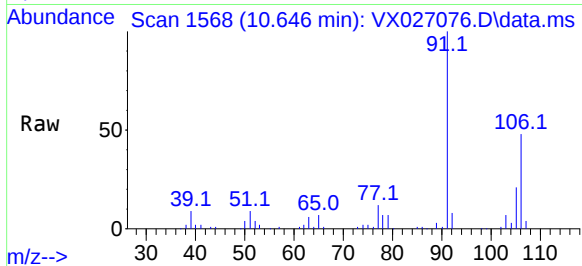




#69
o-Xylene
Concen: 4.673 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

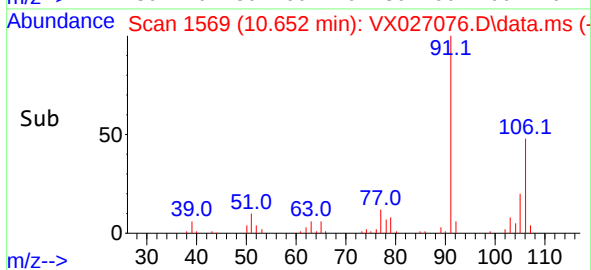
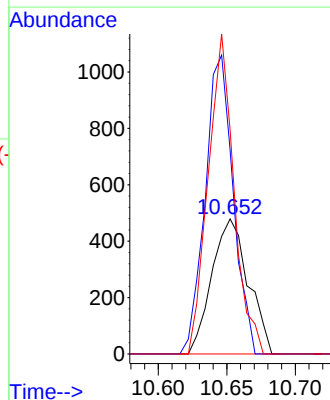
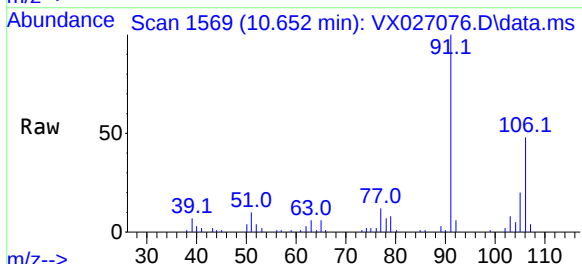
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

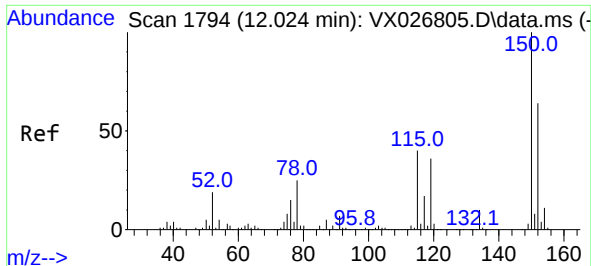
Tgt Ion:106 Resp: 9878
Ion Ratio Lower Upper
106 100
91 218.5 109.7 329.0



#70
Styrene
Concen: 0.259 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:104 Resp: 887
Ion Ratio Lower Upper
104 100
78 169.8 42.5 63.7#
103 167.2 43.3 64.9#

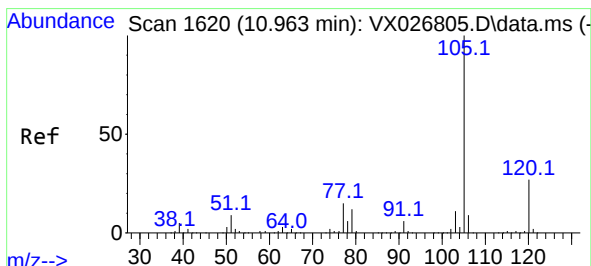
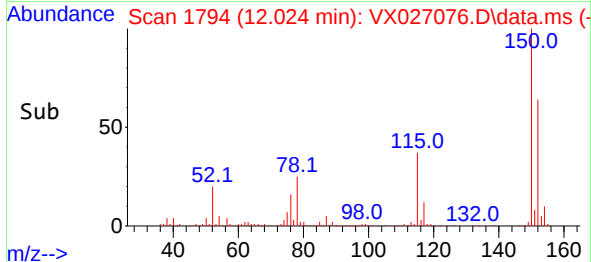
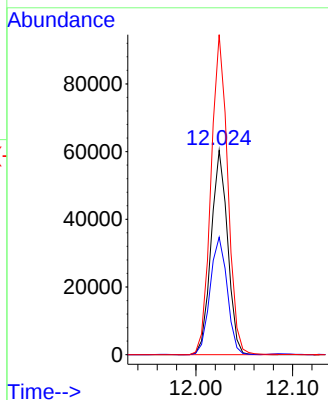
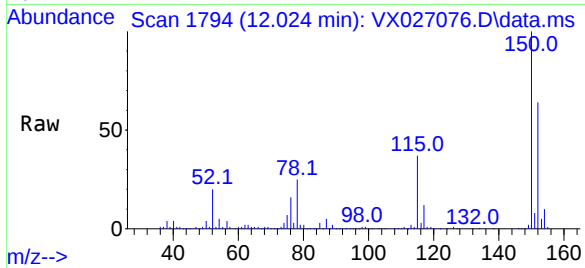




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

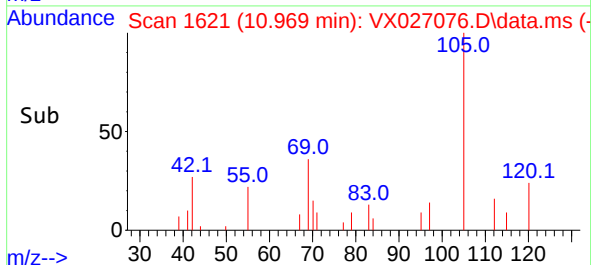
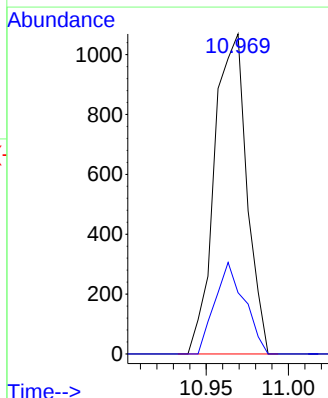
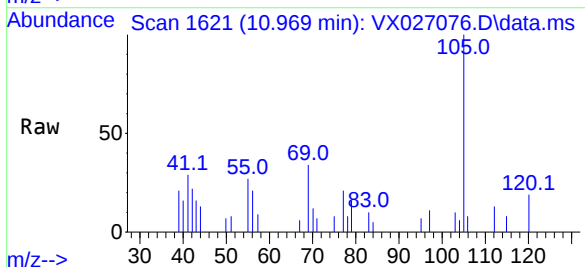
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

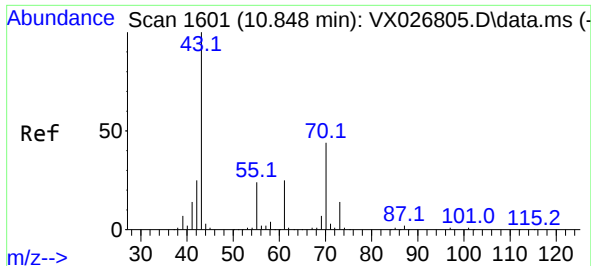
Tgt Ion:152 Resp: 71601
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 158.6 0.0 348.2



#73
Isopropylbenzene
Concen: 0.260 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:105 Resp: 1464
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

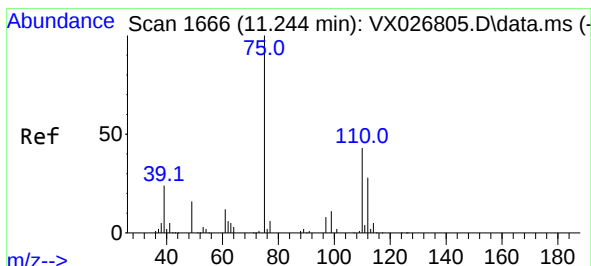
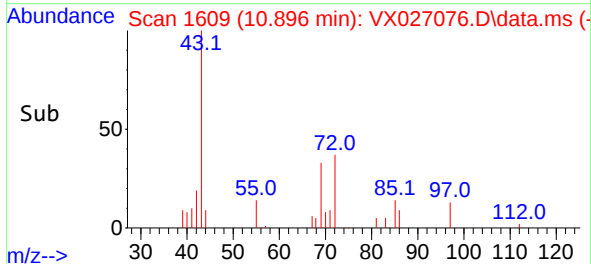
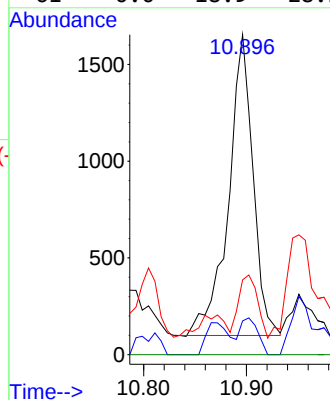
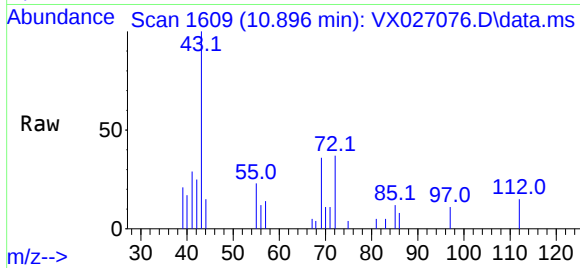




#74
N-amy1 acetate
Concen: 1.147 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.049 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

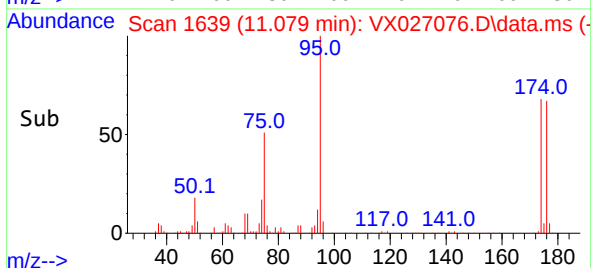
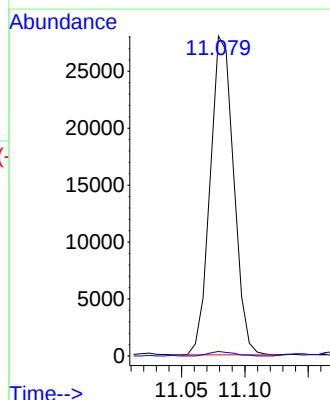
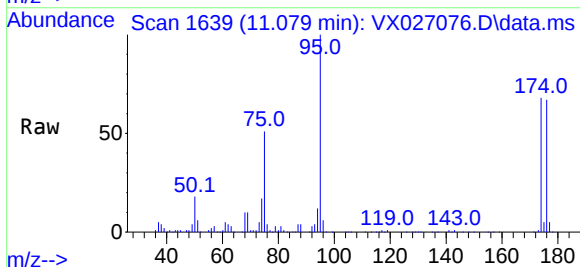
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

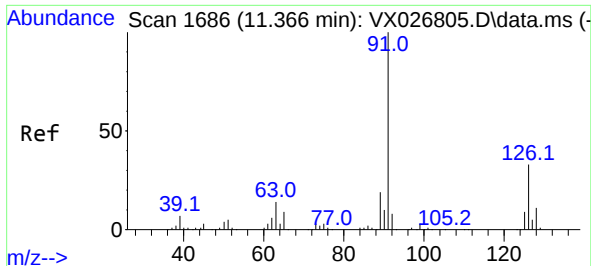
Tgt Ion: 43	Resp: 2584
Ion Ratio	Lower Upper
43 100	
70 8.4	32.9 49.3#
55 16.1	18.3 27.5#
61 0.0	18.9 28.3#



#76
1,2,3-Trichloropropane
Concen: 23.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 75	Resp: 36229
Ion Ratio	Lower Upper
75 100	
77 1.5	18.3 54.8#

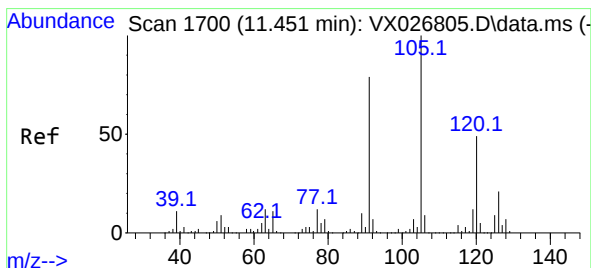
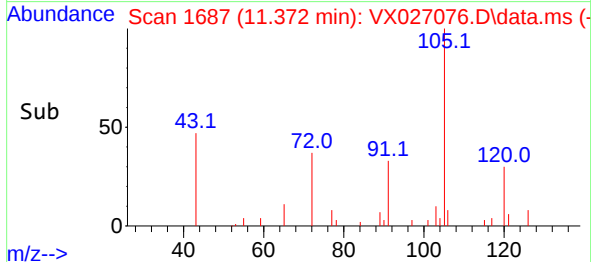
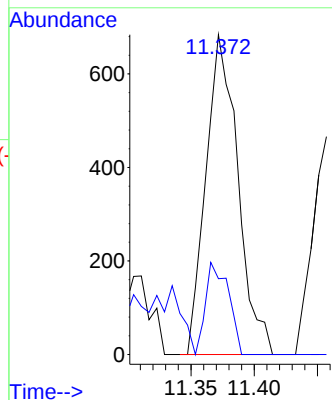
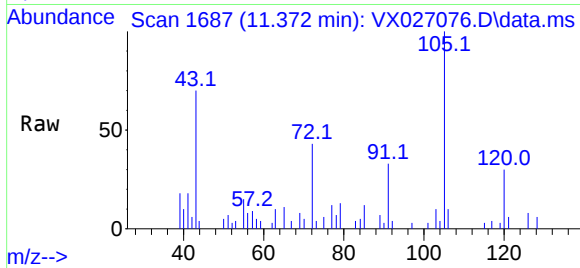




#79
2-Chlorotoluene
Concen: 0.311 ug/l
RT: 11.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

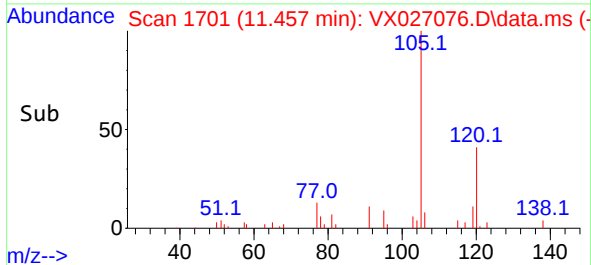
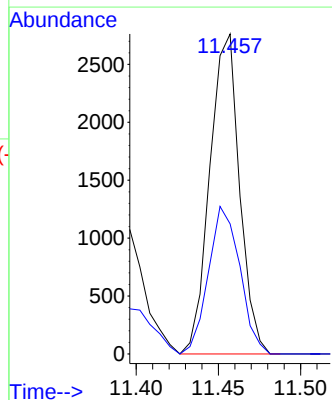
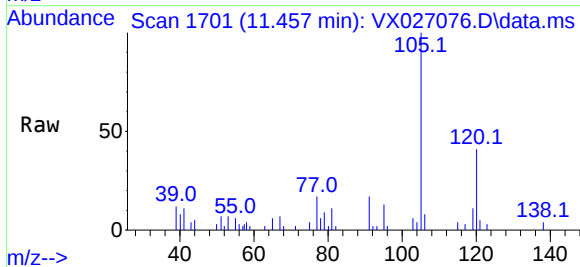
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

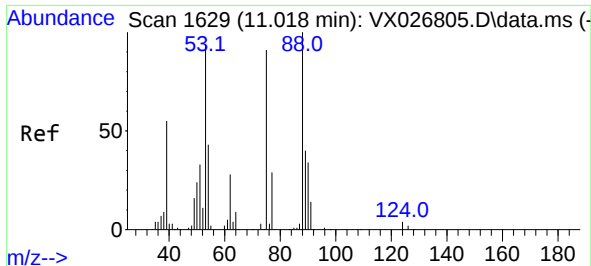
Tgt Ion: 91 Resp: 1202
Ion Ratio Lower Upper
91 100
126 20.5 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 0.750 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 105 Resp: 3483
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0

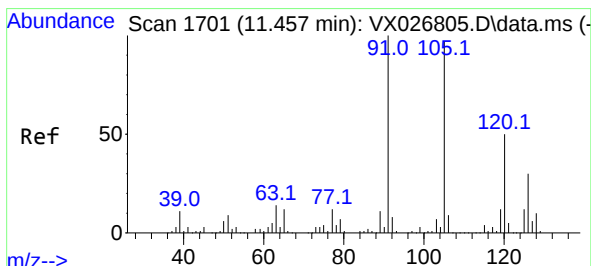
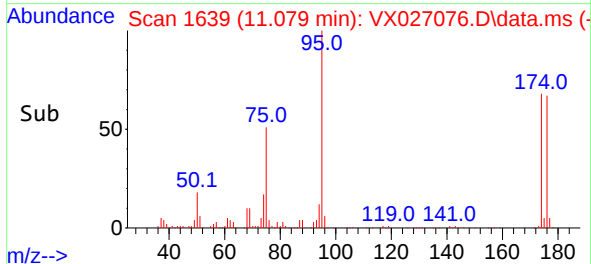
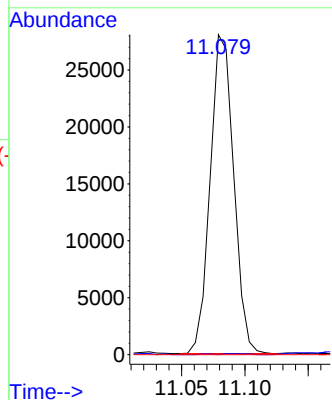
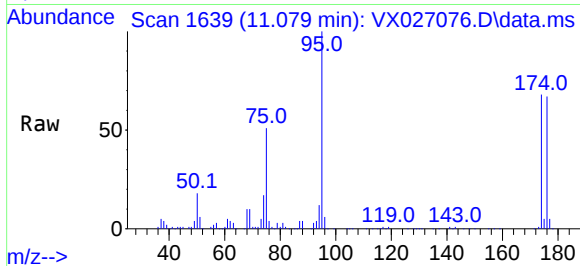




#81
trans-1,4-Dichloro-2-butene
Concen: 70.760 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

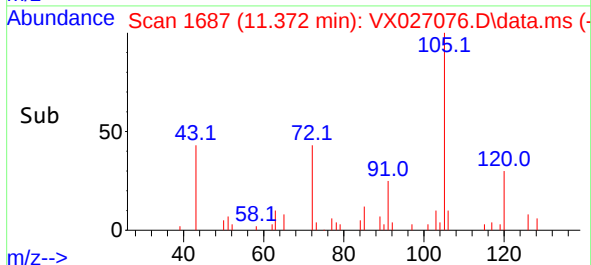
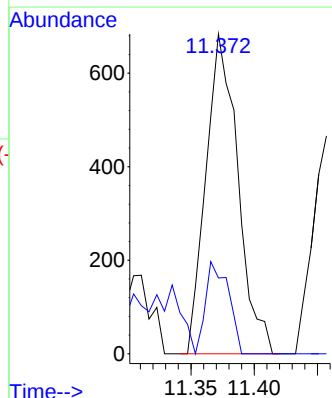
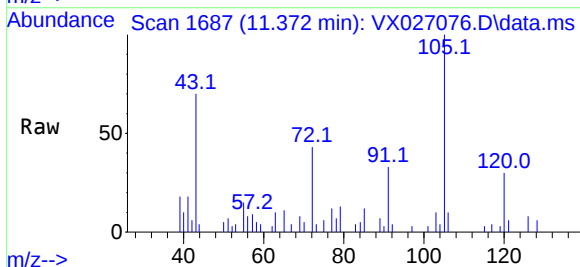
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

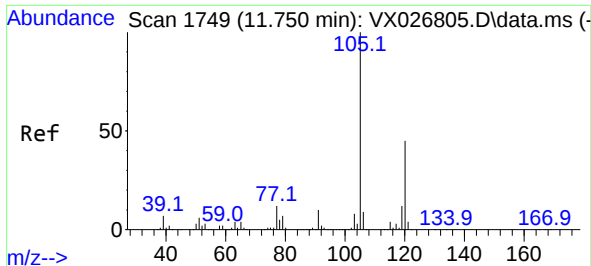
Tgt Ion: 75 Resp: 36229
Ion Ratio Lower Upper
75 100
53 0.3 94.0 141.0#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.277 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. -0.085 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion: 91 Resp: 1202
Ion Ratio Lower Upper
91 100
126 20.5 14.1 42.4

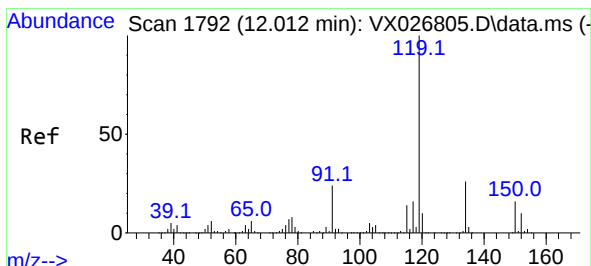
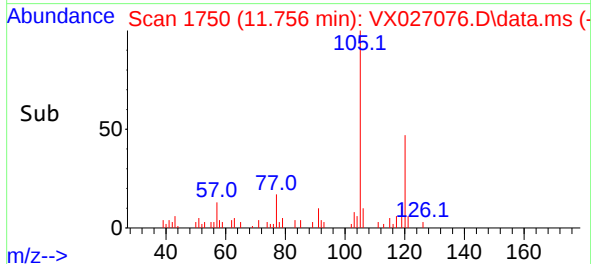
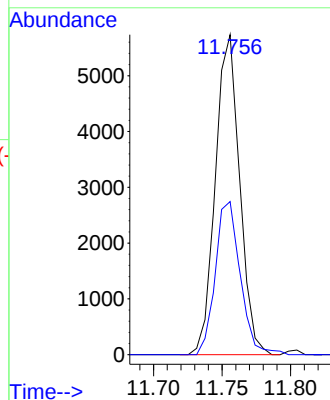
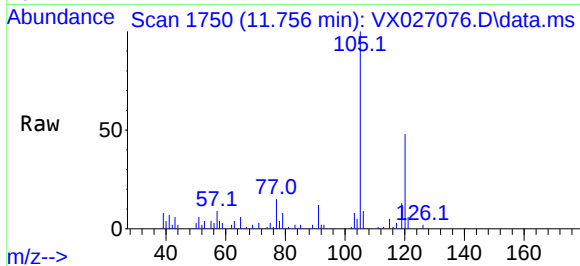




#84
1,2,4-Trimethylbenzene
Concen: 1.507 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

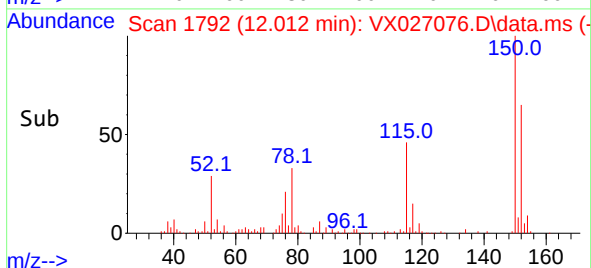
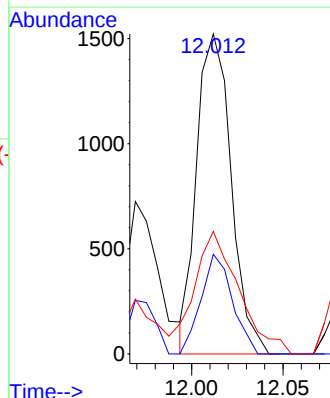
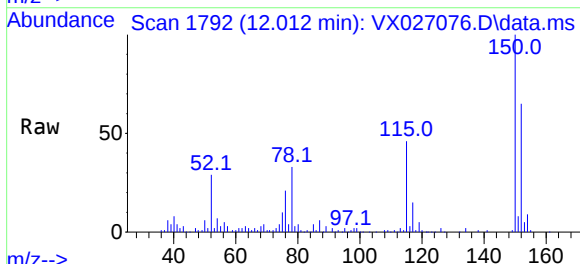
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

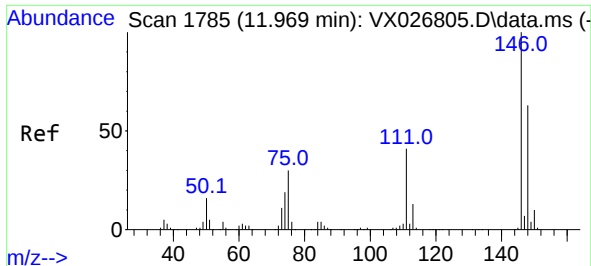
Tgt Ion:105 Resp: 7058
Ion Ratio Lower Upper
105 100
120 49.2 21.9 65.5



#86
p-Isopropyltoluene
Concen: 0.420 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:119 Resp: 1996
Ion Ratio Lower Upper
119 100
134 28.4 13.0 39.0
91 49.5 12.6 37.6#

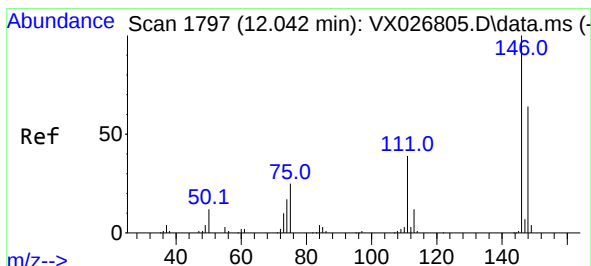
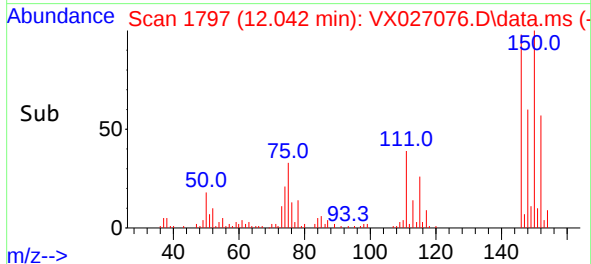
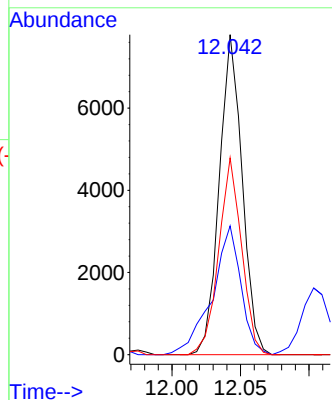
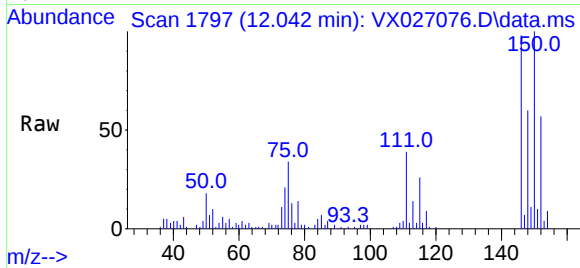




#87
1,3-Dichlorobenzene
Concen: 3.677 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.073 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

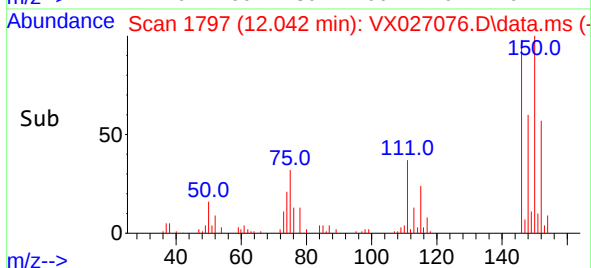
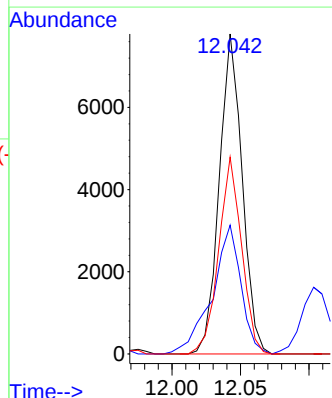
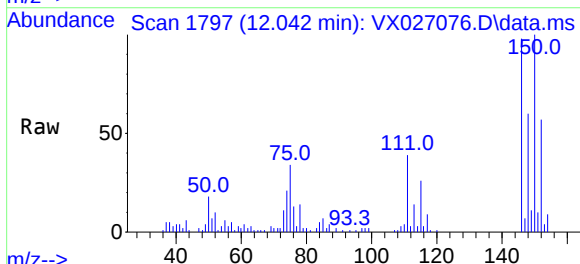
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

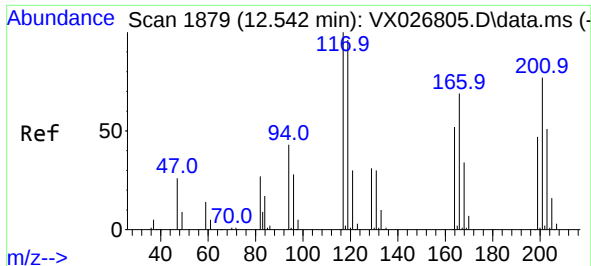
Tgt Ion:146 Resp: 9033
Ion Ratio Lower Upper
146 100
111 50.8 21.3 63.7
148 61.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 3.646 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:146 Resp: 9033
Ion Ratio Lower Upper
146 100
111 50.8 20.2 60.6
148 61.7 31.4 94.0

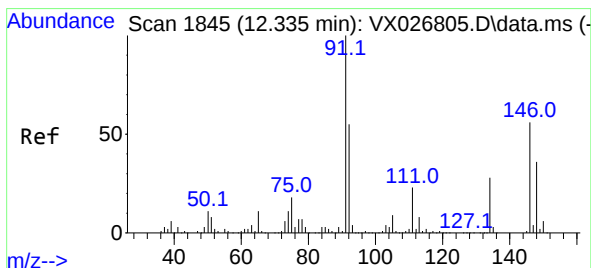
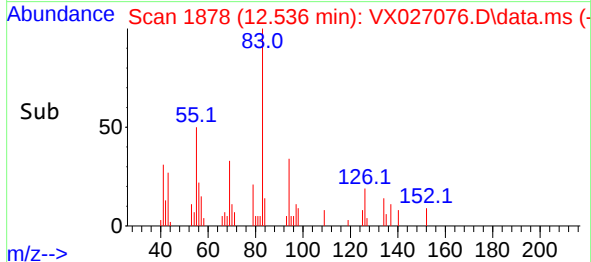
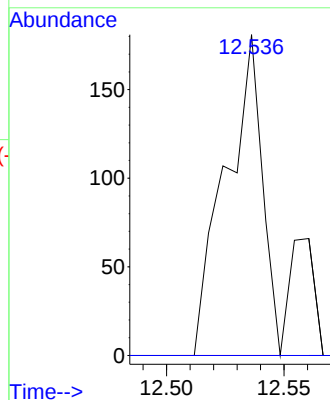
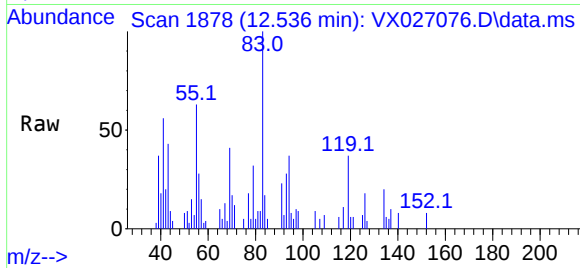




#90
Hexachloroethane
Concen: 0.285 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

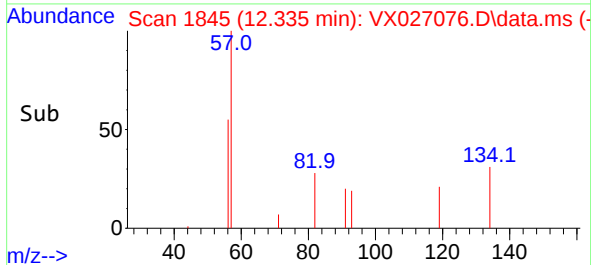
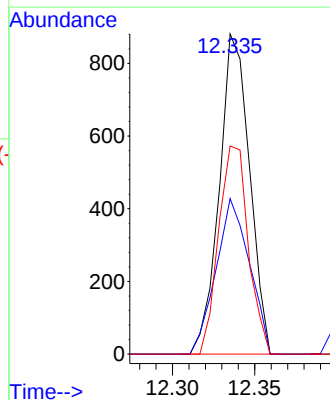
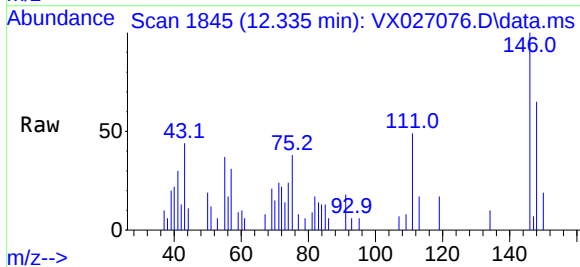
Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

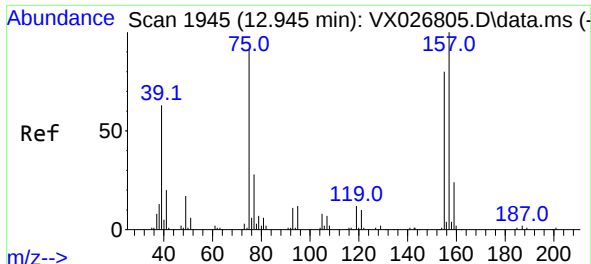
Tgt Ion:117 Resp: 196
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#



#91
1,2-Dichlorobenzene
Concen: 0.475 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:146 Resp: 1127
Ion Ratio Lower Upper
146 100
111 53.8 21.8 65.3
148 63.7 32.0 96.2

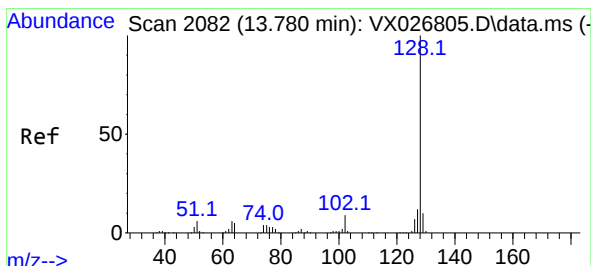
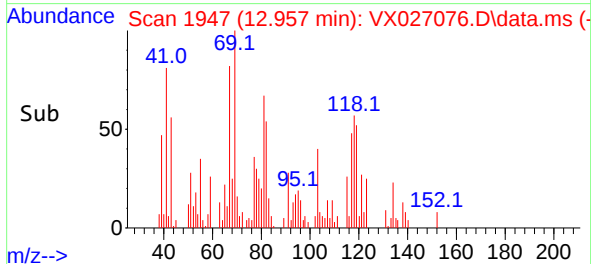
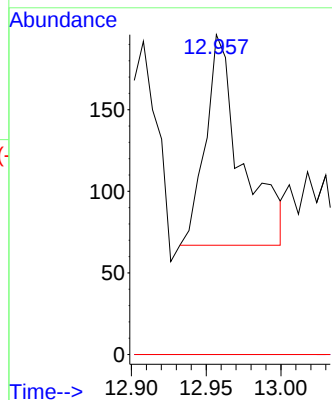
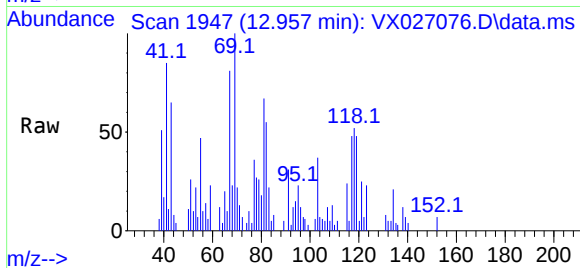




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.574 ug/l
RT: 12.957 min Scan# 1945
Delta R.T. 0.012 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Instrument :
MSVOA_X
ClientSampleId :
220216018-02-VOA

Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
155 0.0 40.0 119.9#
157 0.0 51.6 154.8#



#95
Naphthalene
Concen: 7.502 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027076.D
Acq: 17 Feb 2022 14:36

Tgt Ion:128 Resp: 39307
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1

