

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027256.D
 Acq On : 01 Mar 2022 18:14
 Operator : JC/MD
 Sample : N1710-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 02 00:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

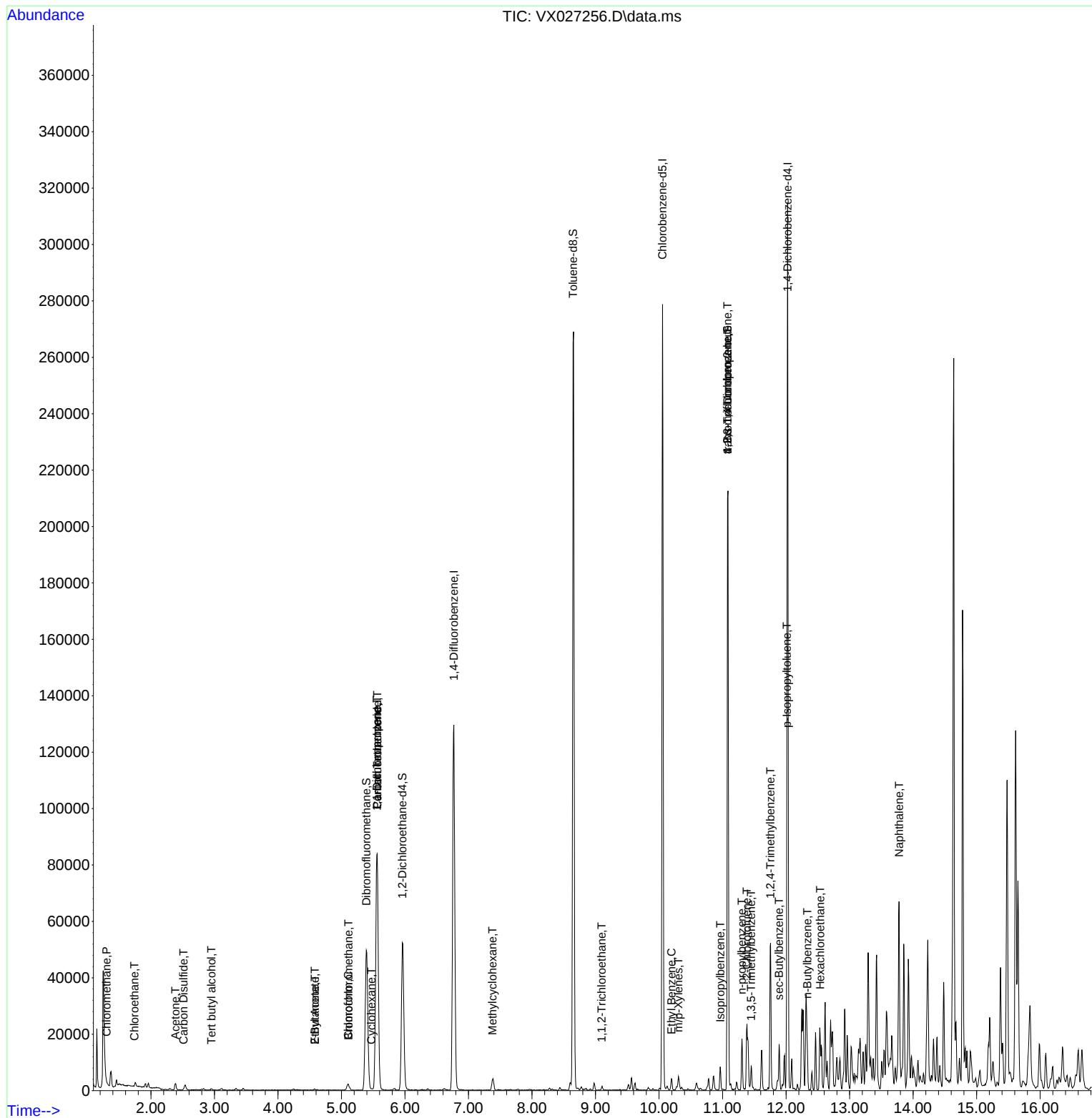
Internal Standards							
1) Pentafluorobenzene	5.562	168		83893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114		138361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		127205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		63471	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65		50430	50.052	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.100%	
35) Dibromofluoromethane	5.391	113		43720	50.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%	
50) Toluene-d8	8.647	98		163969	51.060	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.120%	
62) 4-Bromofluorobenzene	11.079	95		60457	49.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%	
Target Compounds							
						Qvalue	
3) Chloromethane	1.300	50		174	0.223	ug/l	95
6) Chloroethane	1.739	64		269	0.564	ug/l	# 43
11) Tert butyl alcohol	2.953	59		238	1.214	ug/l	# 75
16) Acetone	2.386	43		2594	5.864	ug/l	# 84
17) Carbon Disulfide	2.514	76		473	0.223	ug/l	# 74
25) 2-Butanone	4.580	43		595	0.845	ug/l	98
28) Bromochloromethane	5.111	49		139	0.217	ug/l	# 13
30) Chloroform	5.105	83		2744	1.667	ug/l	89
31) Cyclohexane	5.470	56		329	0.218	ug/l	# 76
36) 1,1-Dichloropropene	5.556	75		6001	4.788	ug/l	# 46
37) Ethyl Acetate	4.580	43		595	0.432	ug/l	# 69
38) Carbon Tetrachloride	5.562	117		8571	6.556	ug/l	# 17
39) Methylcyclohexane	7.379	83		1984	1.272	ug/l	98
55) 1,1,2-Trichloroethane	9.098	97		622	0.669	ug/l	# 15
67) Ethyl Benzene	10.195	91		2572	0.565	ug/l	96
68) m/p-Xylenes	10.305	106		896	0.512	ug/l	99
73) Isopropylbenzene	10.963	105		4519	0.995	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75		29623	23.171	ug/l	# 41
78) n-propylbenzene	11.305	91		11360	2.201	ug/l	# 100
79) 2-Chlorotoluene	11.384	91		2349	0.743	ug/l	# 42
80) 1,3,5-Trimethylbenzene	11.451	105		3767	0.986	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75		29623	65.990	ug/l	# 3
84) 1,2,4-Trimethylbenzene	11.756	105		24045	6.330	ug/l	98
85) sec-Butylbenzene	11.890	105		8318	1.786	ug/l	86
86) p-Isopropyltoluene	12.012	119		4005	1.009	ug/l	96
89) n-Butylbenzene	12.335	91		7479	2.254	ug/l	# 55
90) Hexachloroethane	12.536	117		995	1.618	ug/l	# 14
95) Naphthalene	13.780	128		41696	9.349	ug/l	99

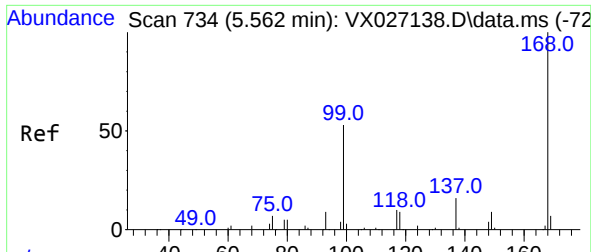
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

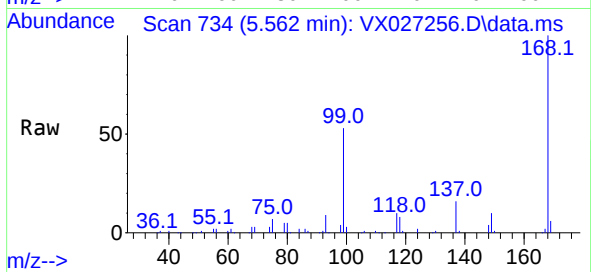
Quant Time: Mar 02 00:37:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



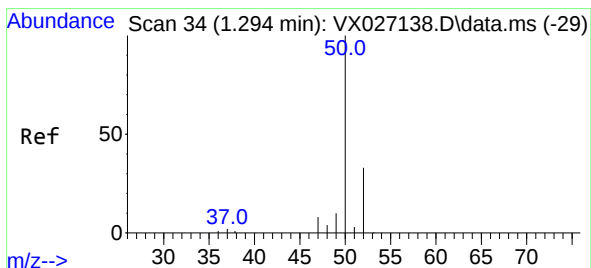
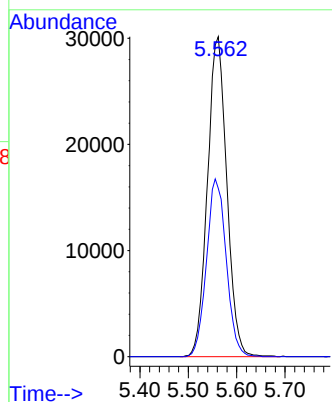


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

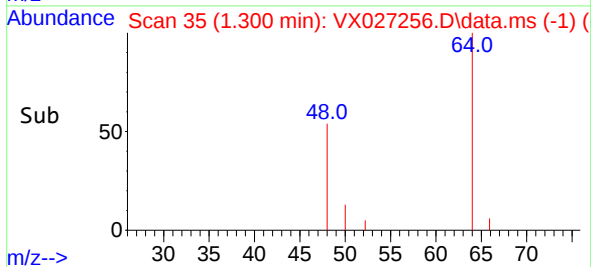
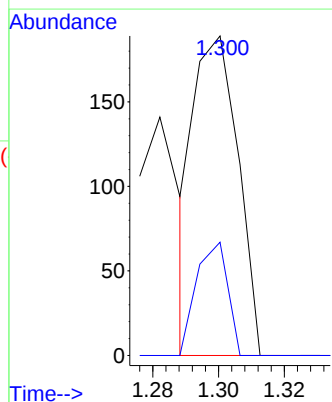
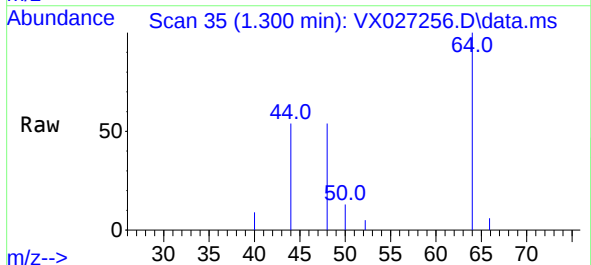


Tgt Ion:168 Resp: 83893
Ion Ratio Lower Upper
168 100
99 52.6 50.3 75.5

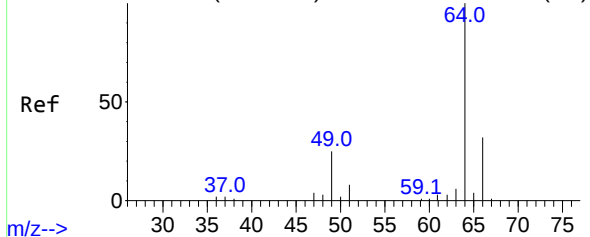


#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 50 Resp: 174
Ion Ratio Lower Upper
50 100
52 35.4 26.1 39.1



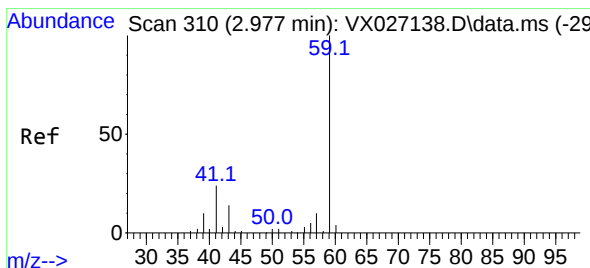
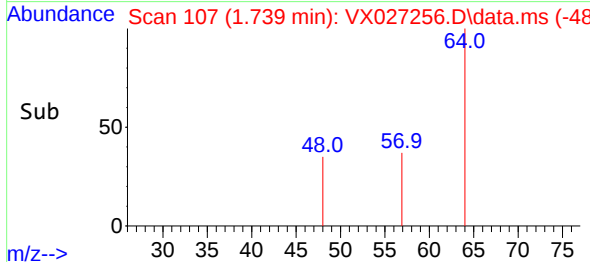
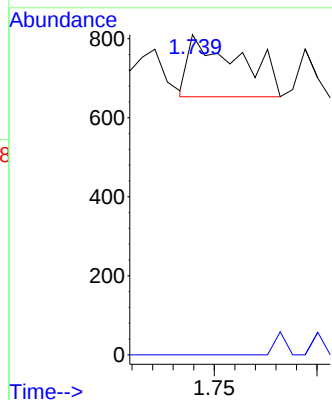
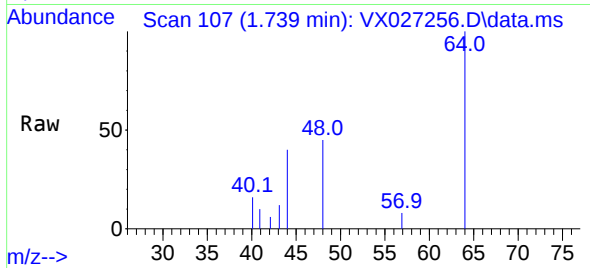
Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6
Chloroethane
Concen: 0.564 ug/l
RT: 1.739 min Scan# 107
Delta R.T. 0.061 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

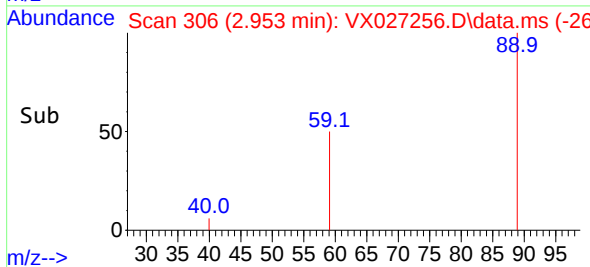
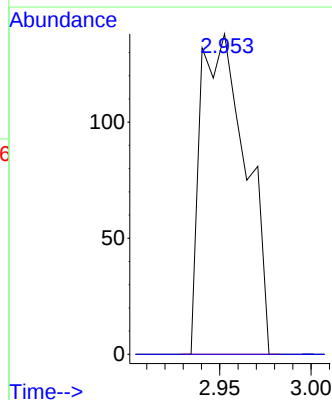
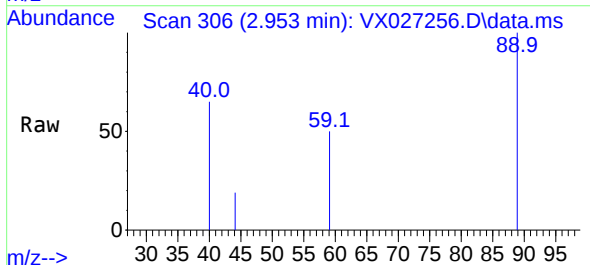
Instrument :
MSVOA_X
ClientSampleId :

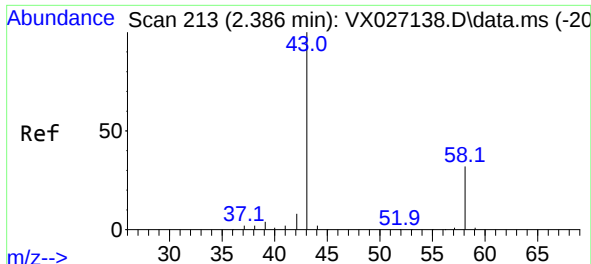
Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 1.214 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

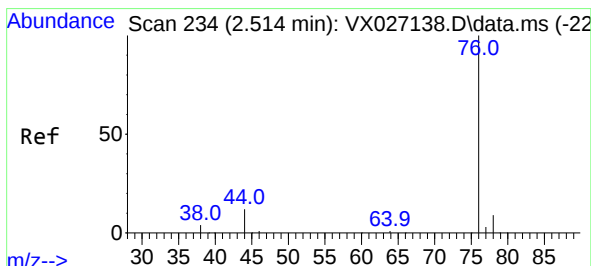
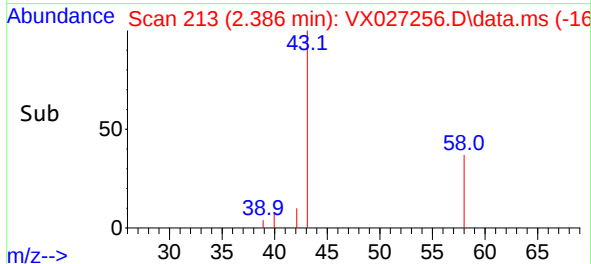
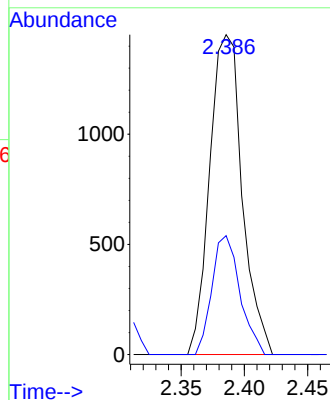
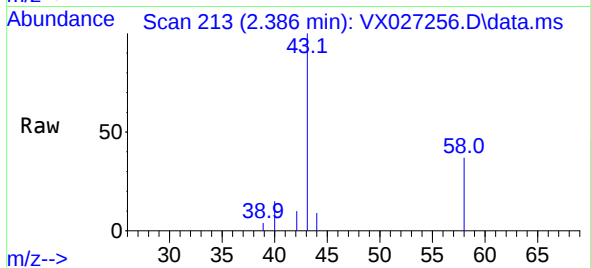




#16
Acetone
Concen: 5.864 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

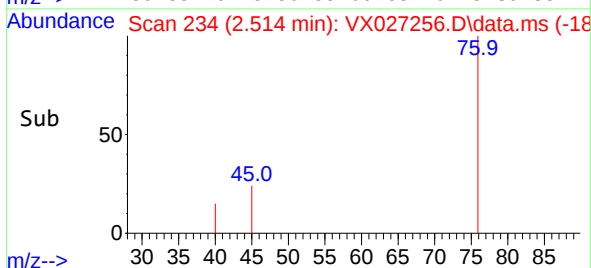
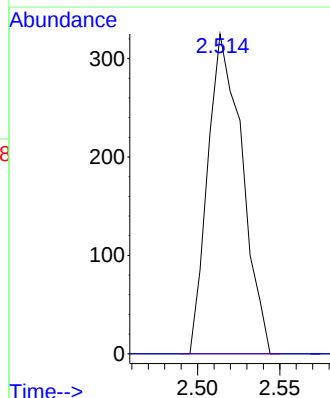
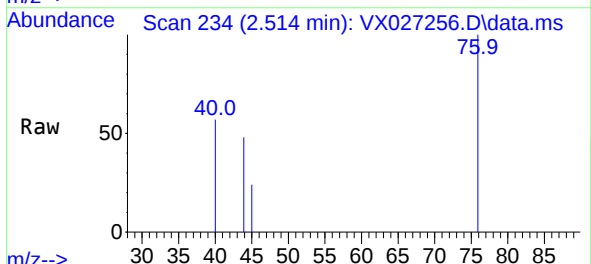
Instrument :
MSVOA_X
ClientSampleId :

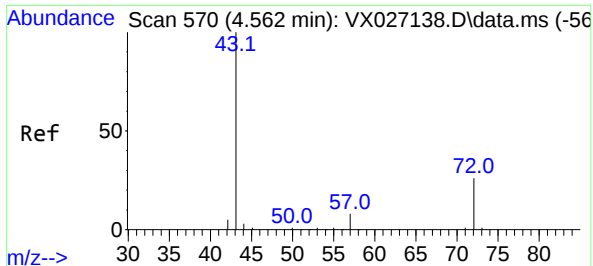
Tgt Ion: 43 Resp: 2594
Ion Ratio Lower Upper
43 100
58 37.2 23.0 34.6#



#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 76 Resp: 473
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

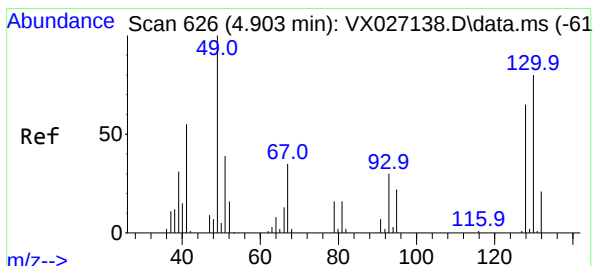
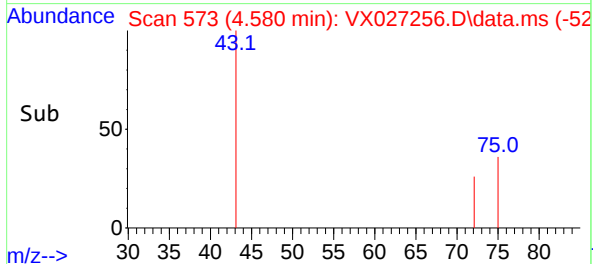
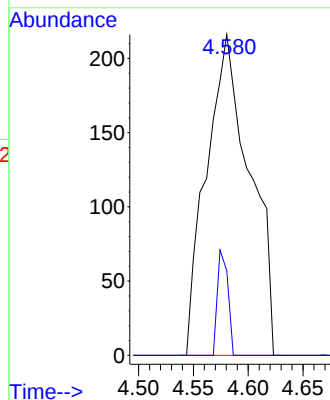
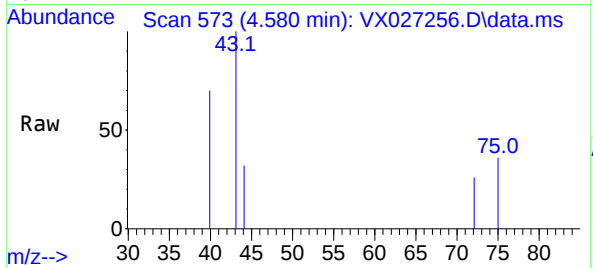




#25
2-Butanone
Concen: 0.845 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

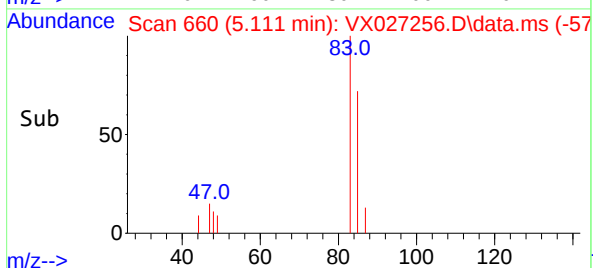
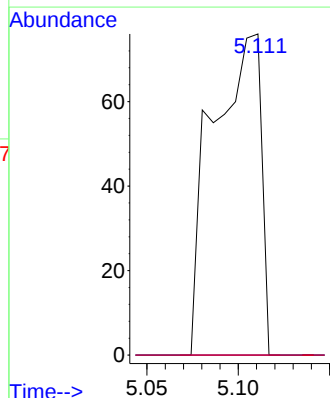
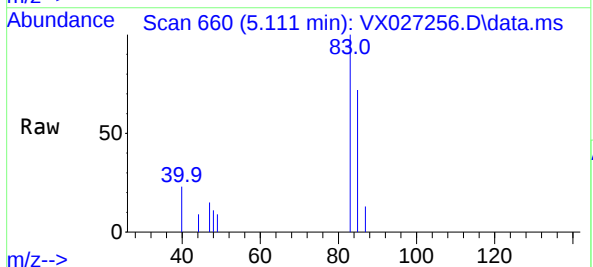
Instrument :
MSVOA_X
ClientSampleId :

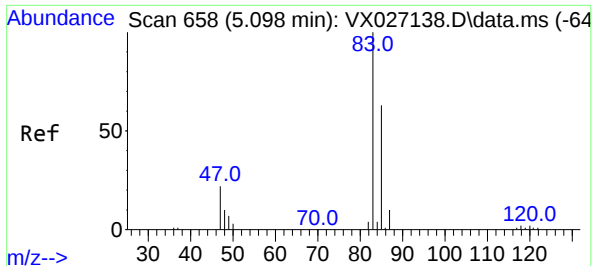
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
72 26.4 20.4 30.6



#28
Bromochloromethane
Concen: 0.217 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.208 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 49 Resp: 139
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#





#30

Chloroform

Concen: 1.667 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

Instrument :

MSVOA_X

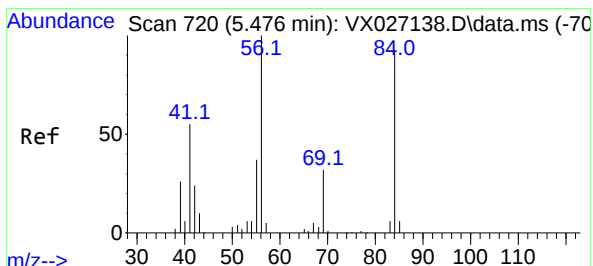
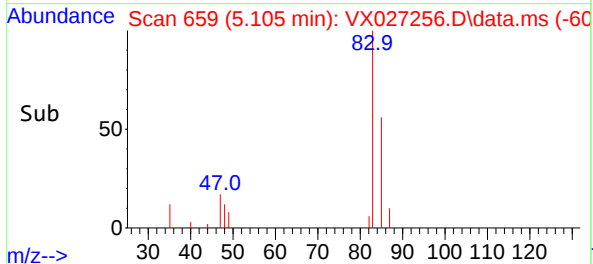
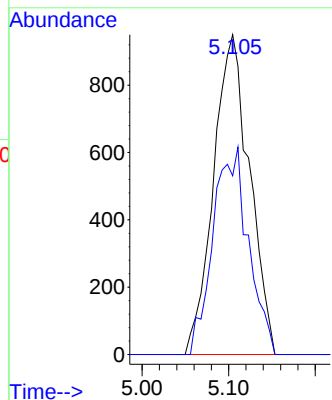
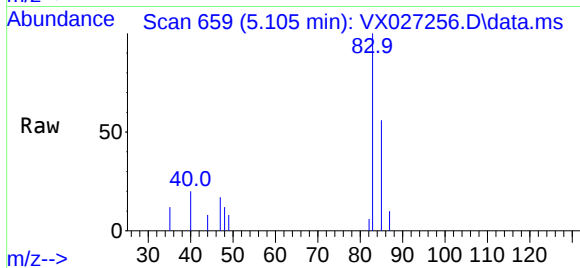
ClientSampleId :

Tgt Ion: 83 Resp: 2744

Ion Ratio Lower Upper

83 100

85 55.9 51.6 77.4



#31

Cyclohexane

Concen: 0.218 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

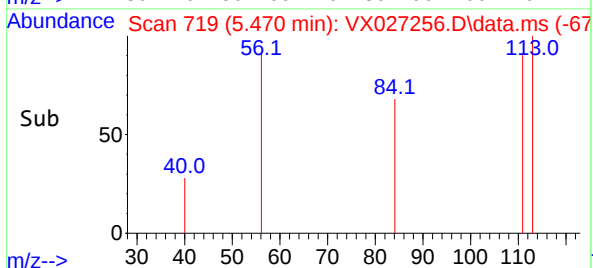
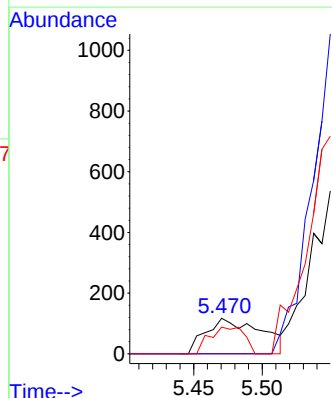
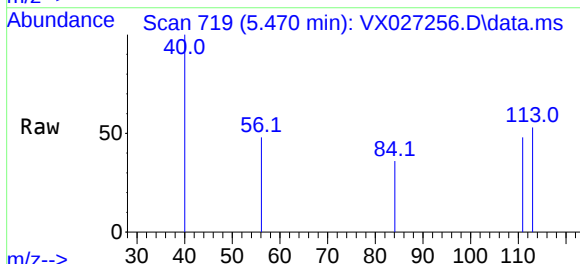
Tgt Ion: 56 Resp: 329

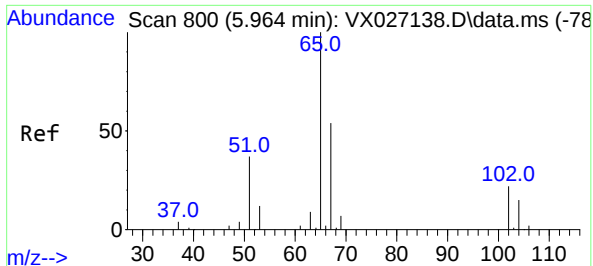
Ion Ratio Lower Upper

56 100

69 0.0 25.8 38.6#

84 75.2 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 50.052 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

Instrument :

MSVOA_X

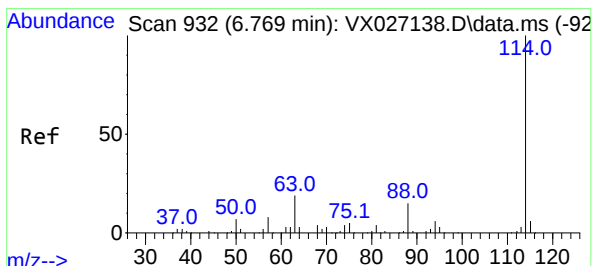
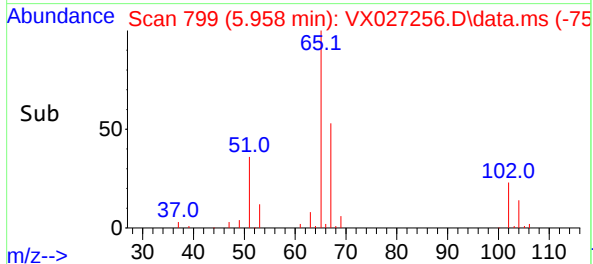
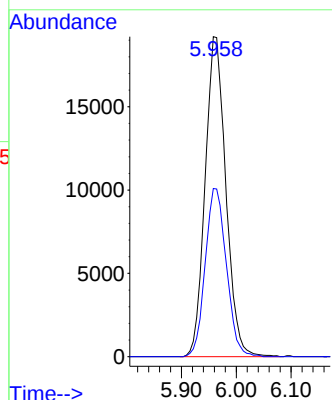
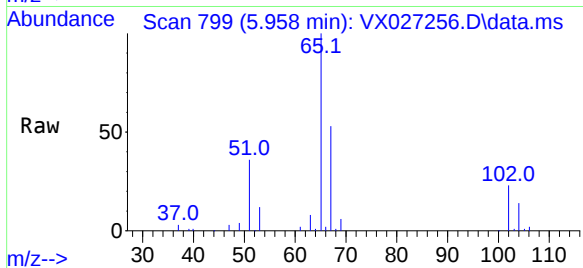
ClientSampleId :

Tgt Ion: 65 Resp: 50430

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

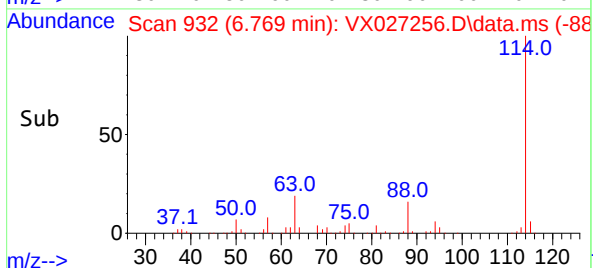
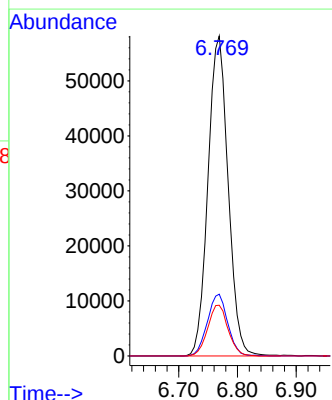
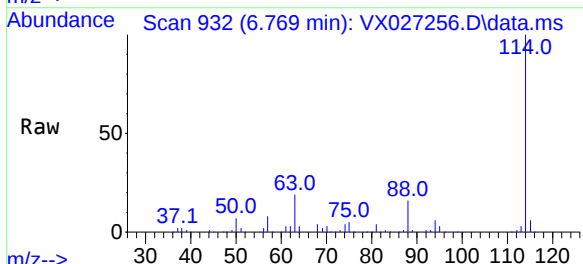
Tgt Ion: 114 Resp: 138361

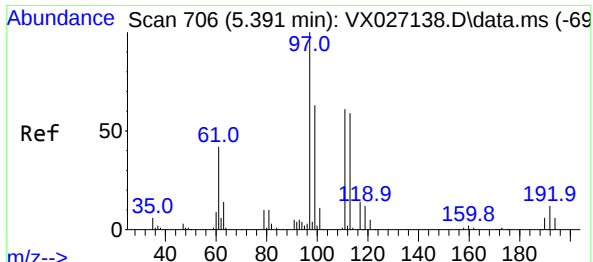
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

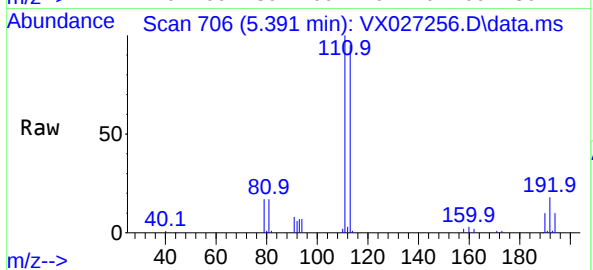
88 15.9 0.0 33.0



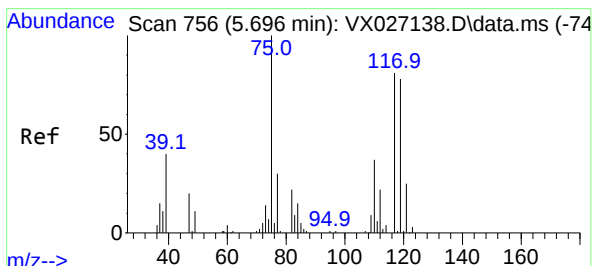
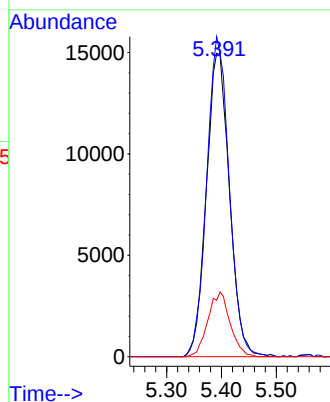
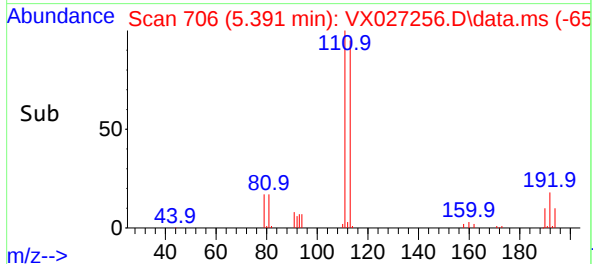


#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

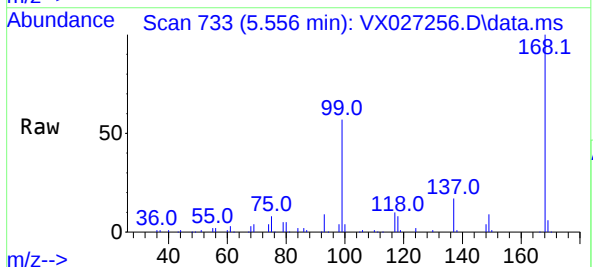
Instrument :
MSVOA_X
ClientSampleId :



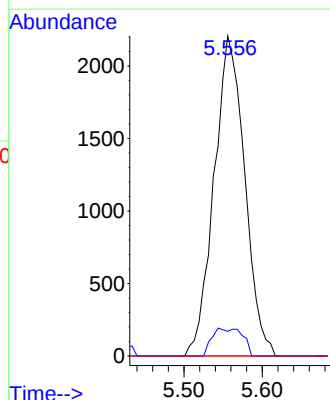
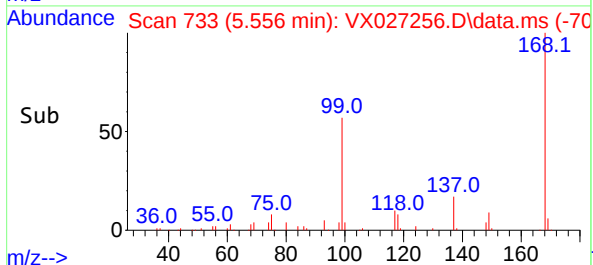
Tgt Ion:113 Resp: 43720
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 20.5 15.0 22.4

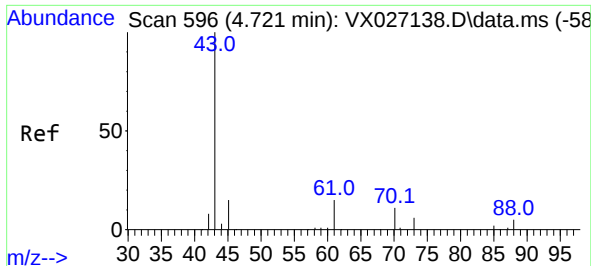


#36
1,1-Dichloropropene
Concen: 4.788 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14



Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
110 4.7 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.432 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.141 min

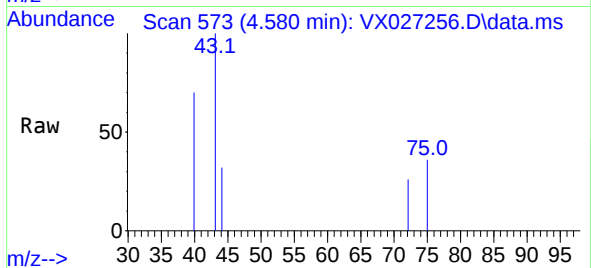
Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

Instrument :

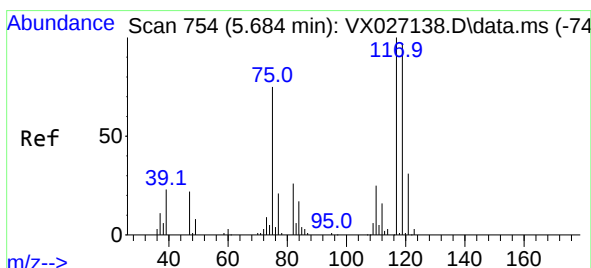
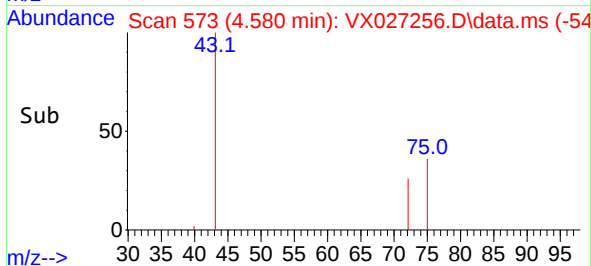
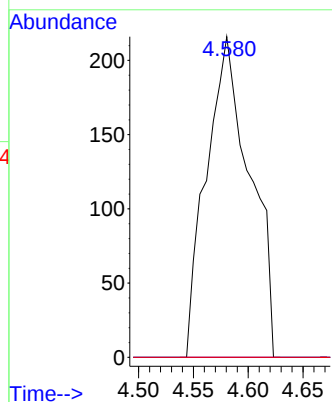
MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 595

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 5.562 min Scan# 734

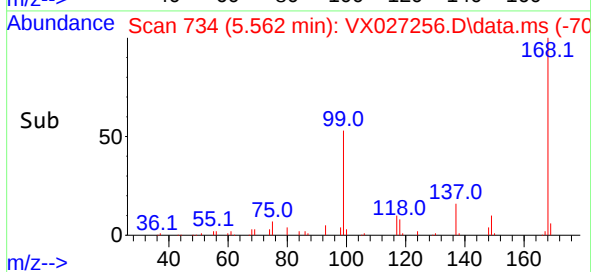
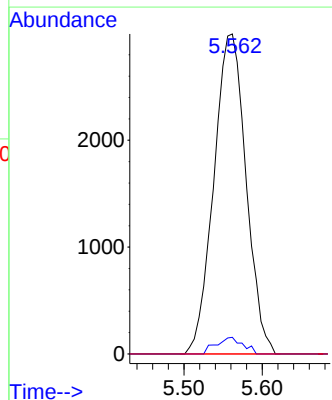
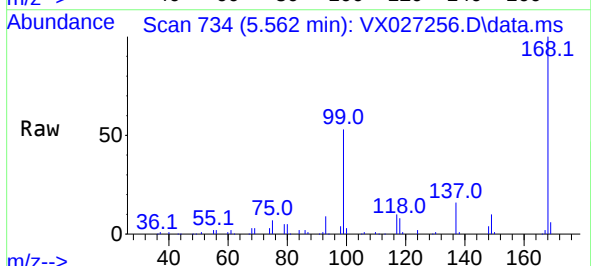
Delta R.T. -0.122 min

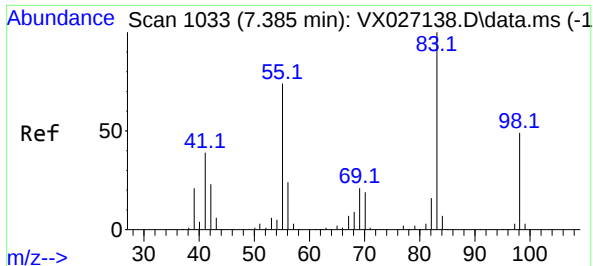
Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

Tgt Ion: 117 Resp: 8571

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.7	112.1#
121	0.0	25.4	38.0#





#39

Methylcyclohexane

Concen: 1.272 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027256.D

Acq: 01 Mar 2022 18:14

Instrument :

MSVOA_X

ClientSampleId :

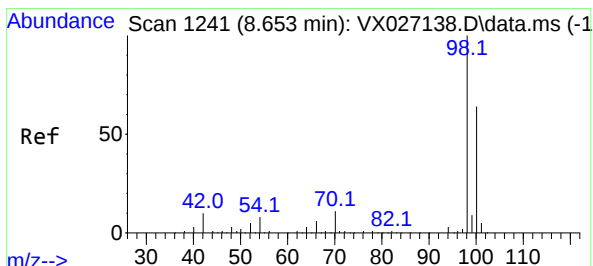
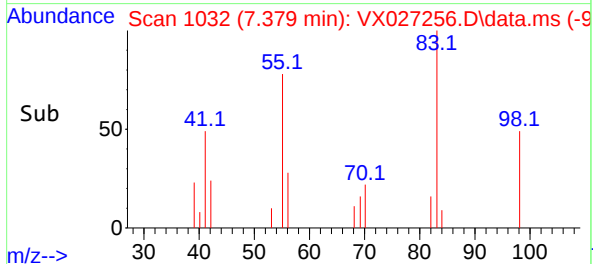
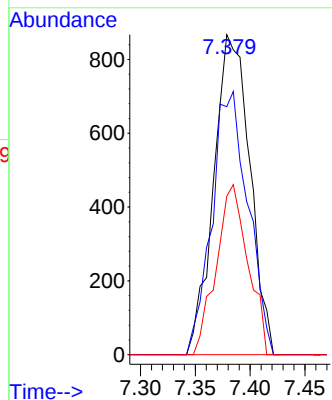
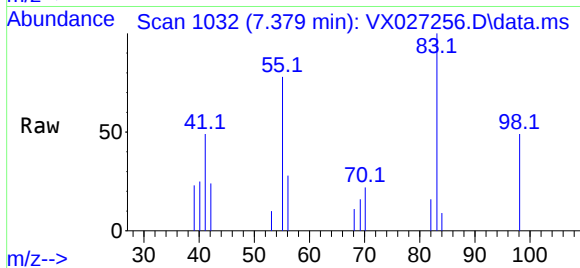
Tgt Ion: 83 Resp: 1984

Ion Ratio Lower Upper

83 100

55 77.5 63.6 95.4

98 49.5 38.4 57.6



#50

Toluene-d8

Concen: 51.060 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX027256.D

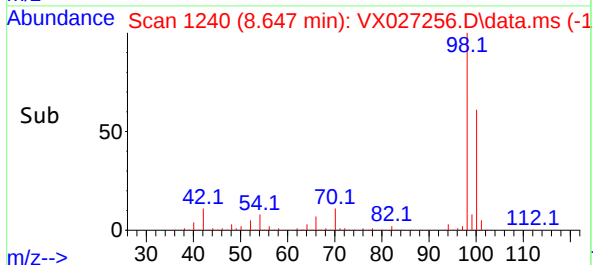
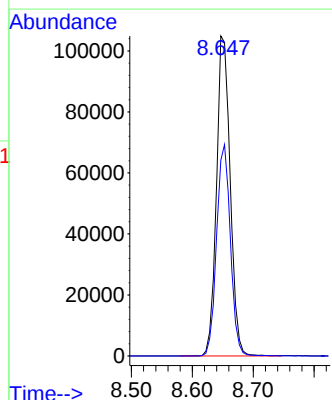
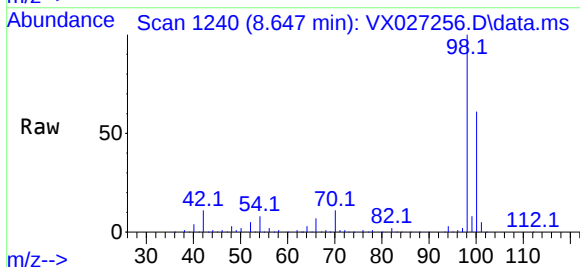
Acq: 01 Mar 2022 18:14

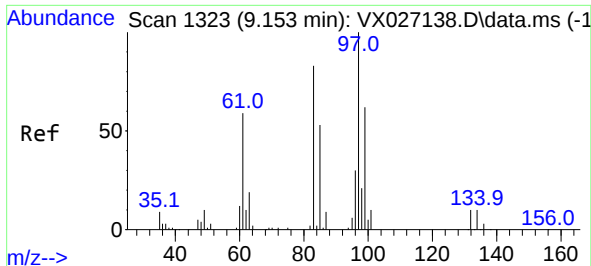
Tgt Ion: 98 Resp: 163969

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8



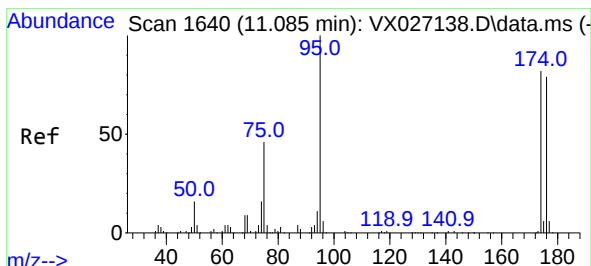
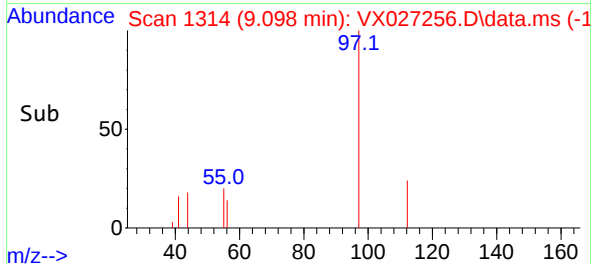
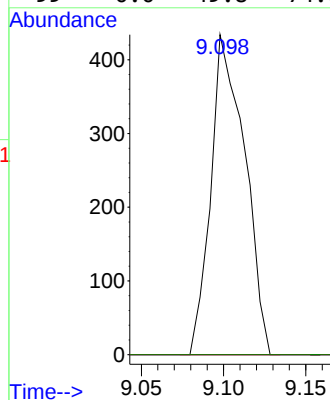
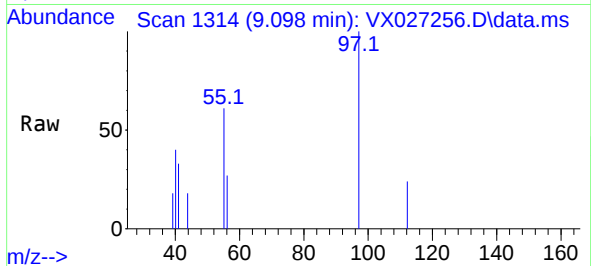


#55
1,1,2-Trichloroethane
Concen: 0.669 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 622

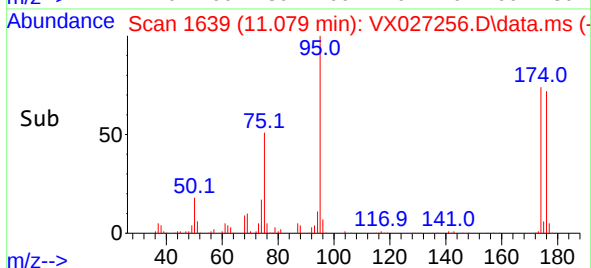
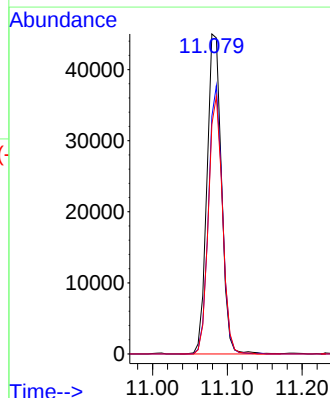
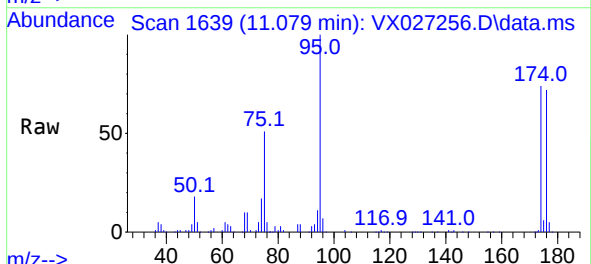
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.4	102.6#
85	0.0	44.0	66.0#
99	0.0	49.8	74.6#

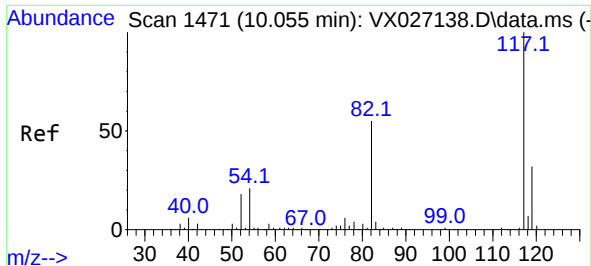


#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 95 Resp: 60457

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	148.6
176	77.9	0.0	141.4

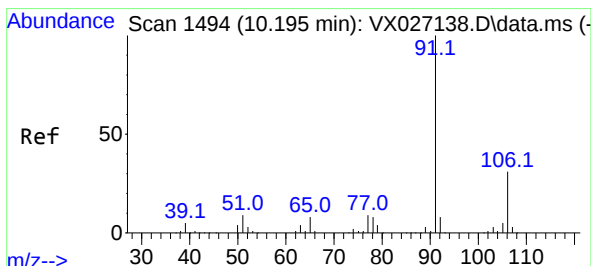
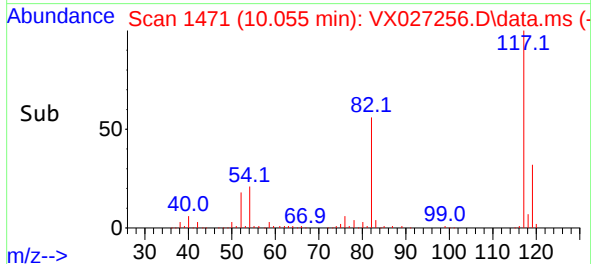
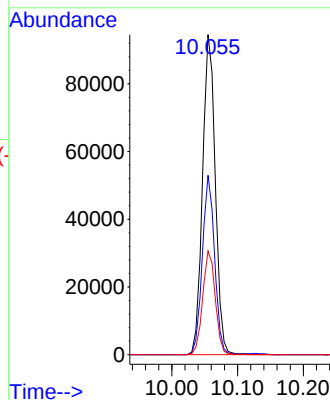
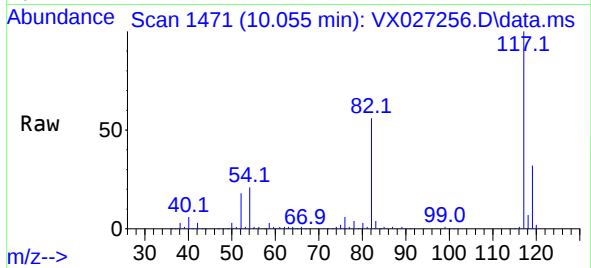




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

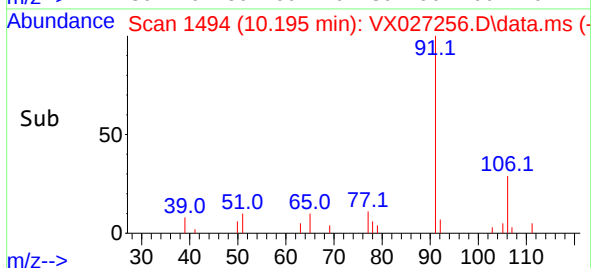
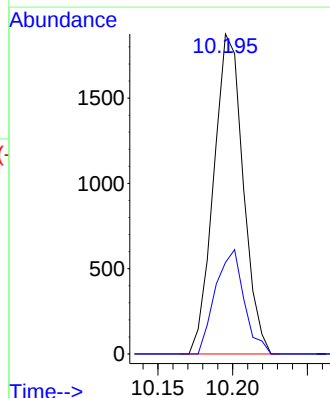
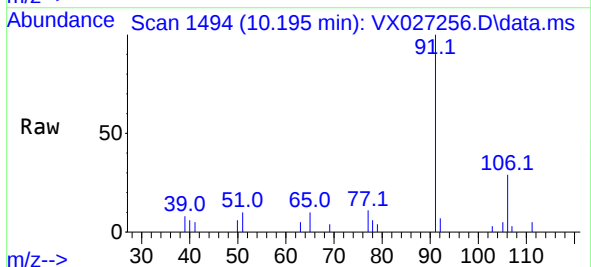
Instrument :
MSVOA_X
ClientSampleId :

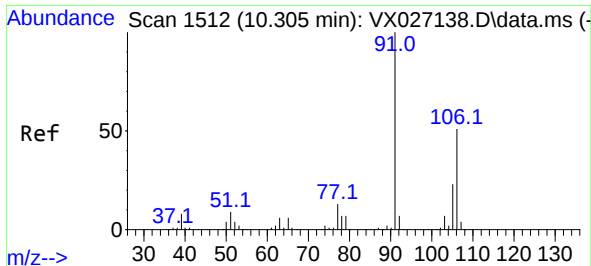
Tgt Ion:117 Resp: 127205
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.4 26.2 39.2



#67
Ethyl Benzene
Concen: 0.565 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 91 Resp: 2572
Ion Ratio Lower Upper
91 100
106 28.6 24.7 37.1

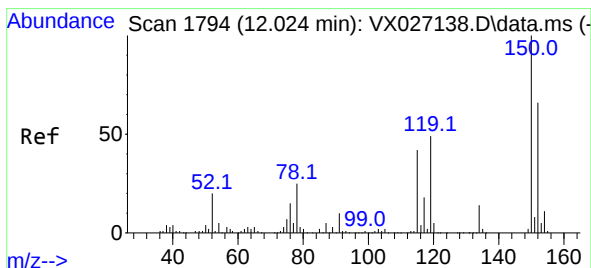
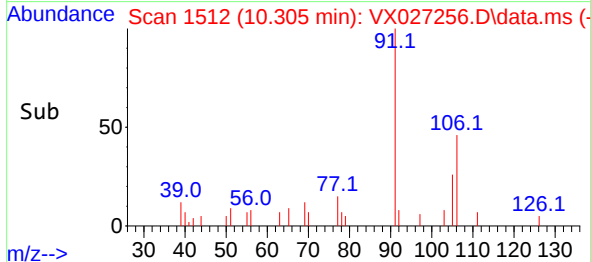
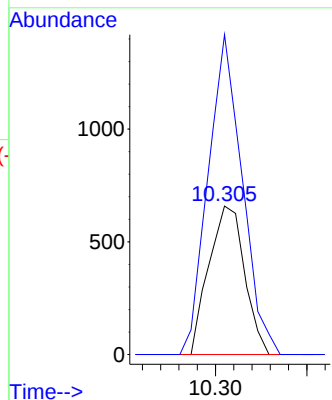
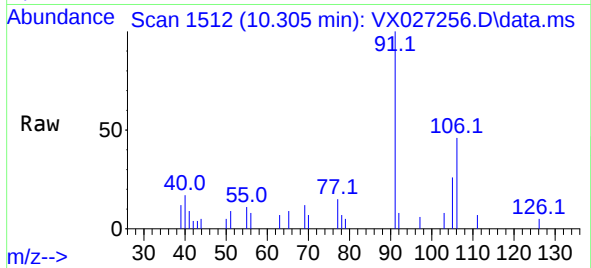




#68
m/p-Xylenes
Concen: 0.512 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

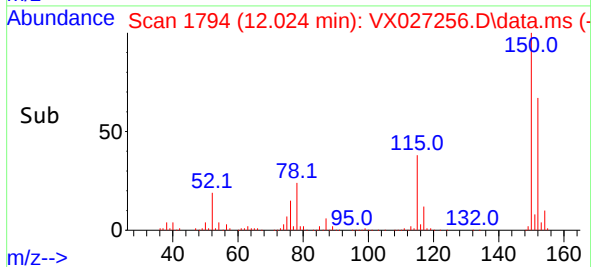
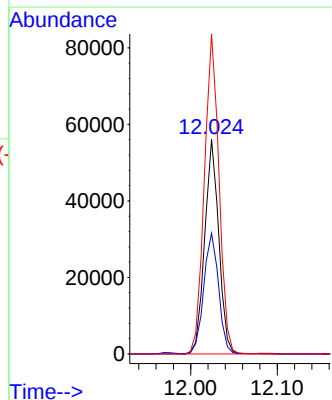
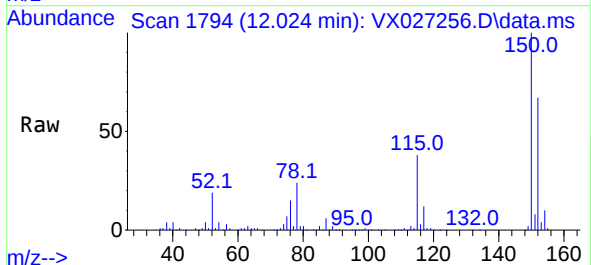
Instrument :
MSVOA_X
ClientSampleId :

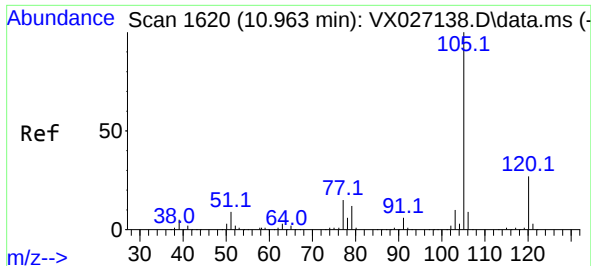
Tgt Ion:106 Resp: 896
Ion Ratio Lower Upper
106 100
91 205.7 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion:152 Resp: 63471
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 155.0 0.0 348.2

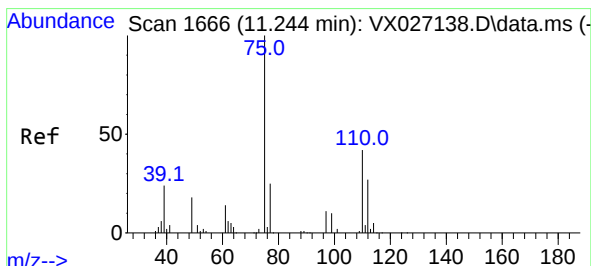
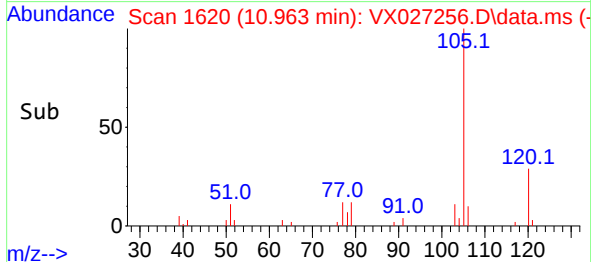
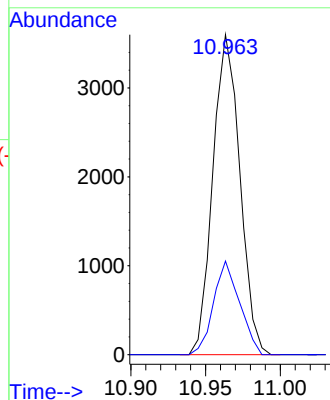
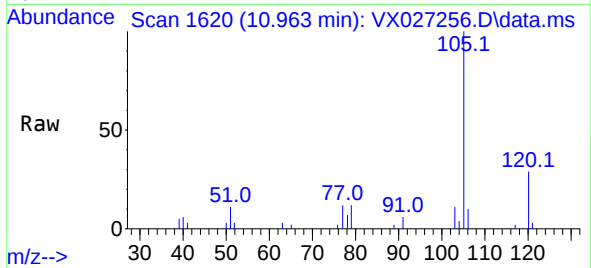




#73
Isopropylbenzene
Concen: 0.995 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

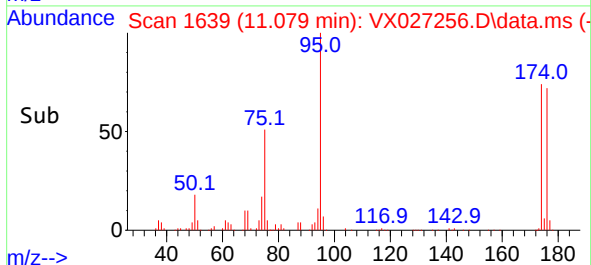
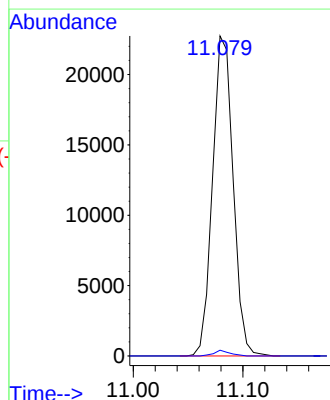
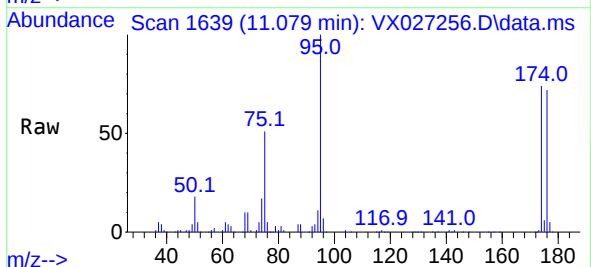
Instrument :
MSVOA_X
ClientSampleId :

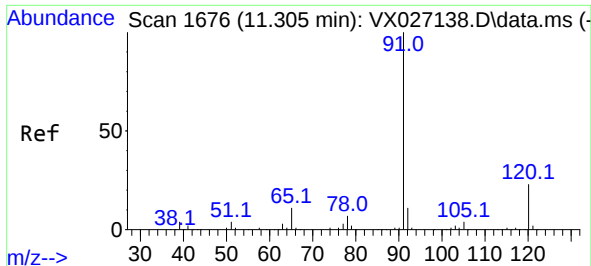
Tgt Ion:105 Resp: 4519
Ion Ratio Lower Upper
105 100
120 28.3 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 23.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 75 Resp: 29623
Ion Ratio Lower Upper
75 100
77 1.4 18.3 54.8#

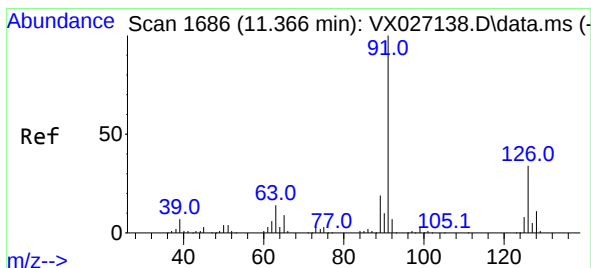
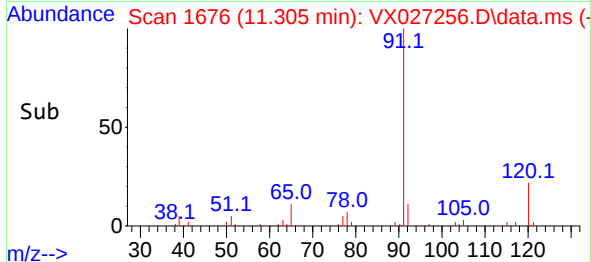
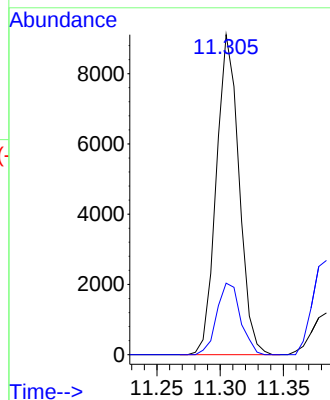
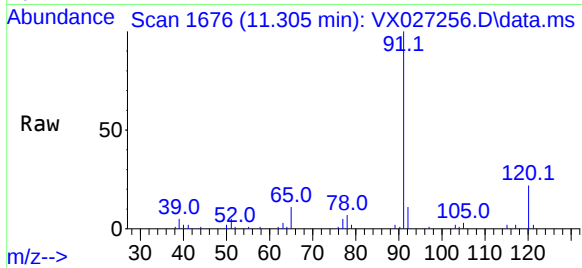




#78
n-propylbenzene
Concen: 2.201 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

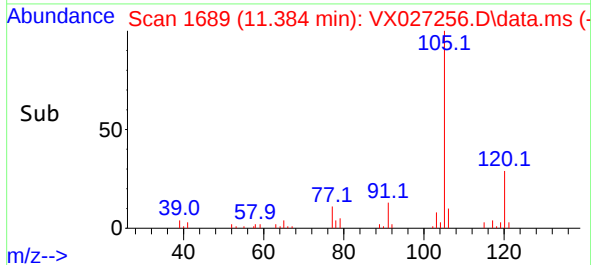
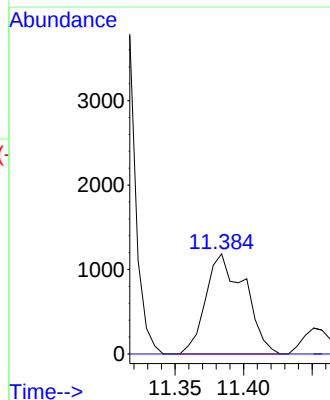
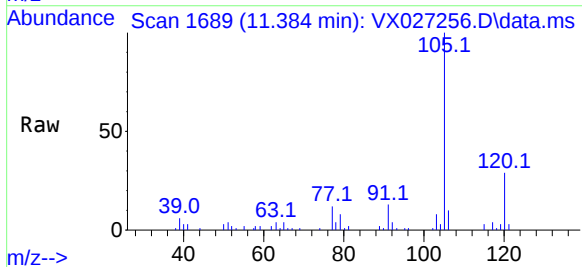
Instrument :
MSVOA_X
ClientSampleId :

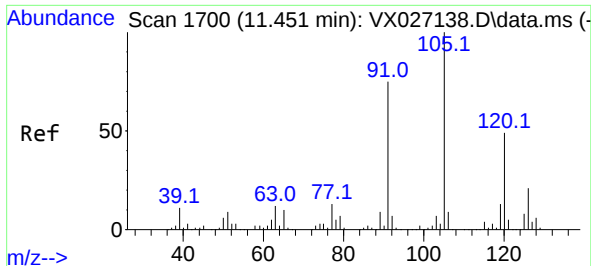
Tgt Ion: 91 Resp: 11360
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.743 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

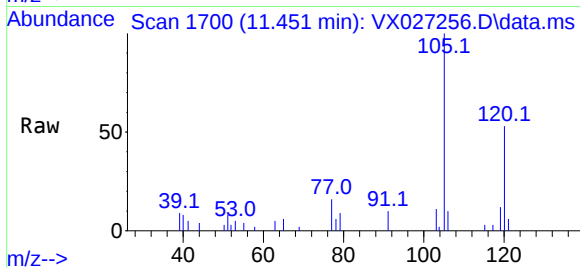
Tgt Ion: 91 Resp: 2349
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#



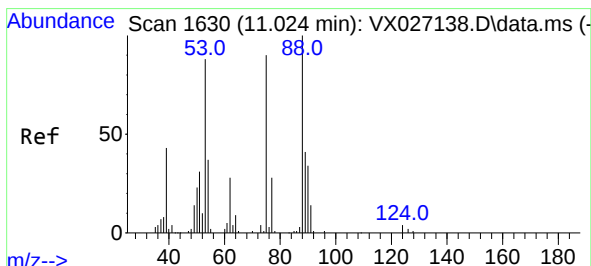
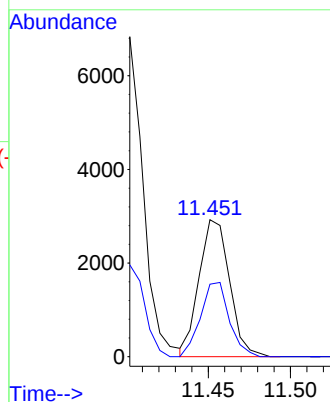
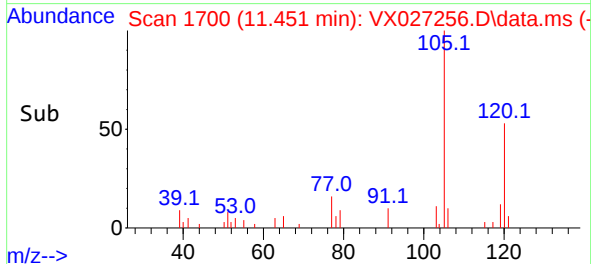


#80
1,3,5-Trimethylbenzene
Concen: 0.986 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

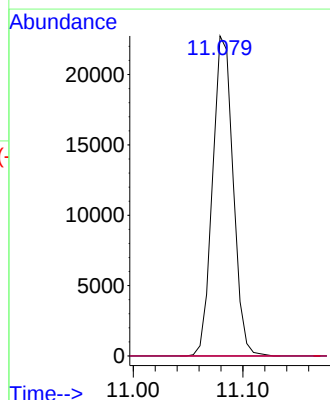
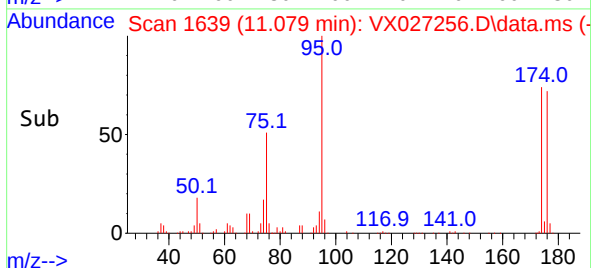
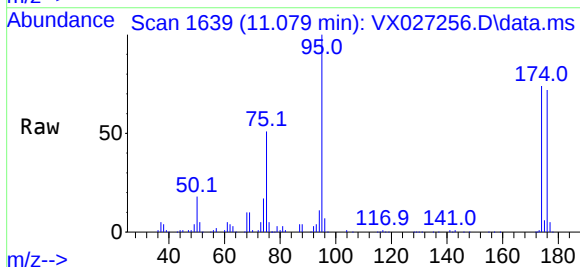


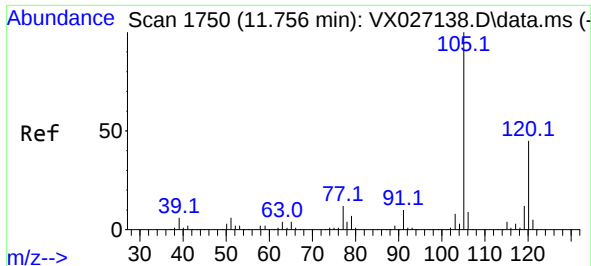
Tgt Ion:105 Resp: 3767
Ion Ratio Lower Upper
105 100
120 51.2 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 65.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion: 75 Resp: 29623
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

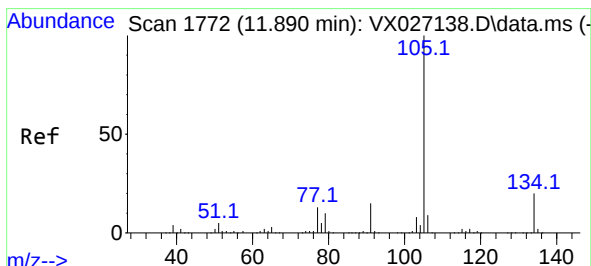
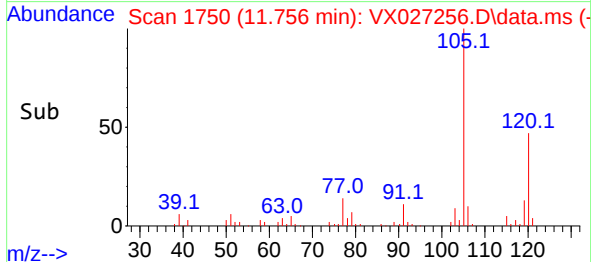
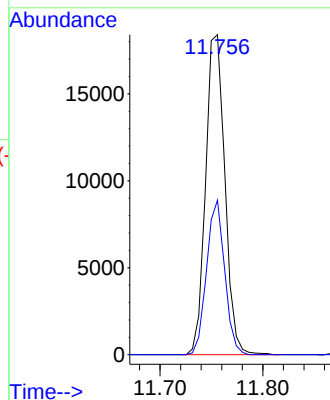
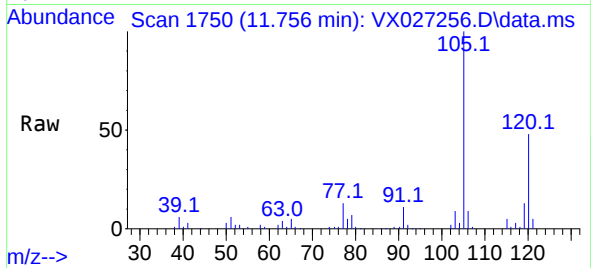




#84
1,2,4-Trimethylbenzene
Concen: 6.330 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

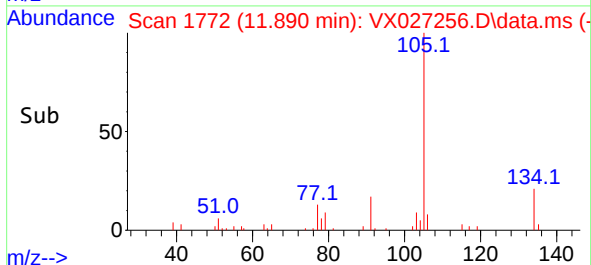
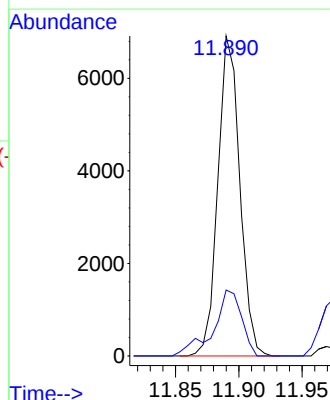
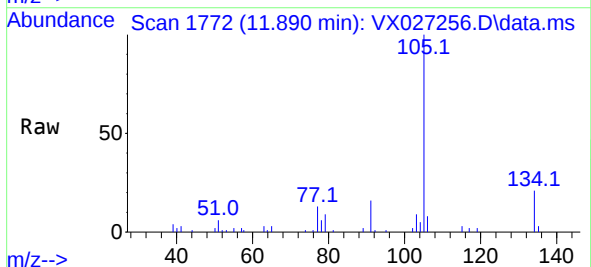
Instrument :
MSVOA_X
ClientSampleId :

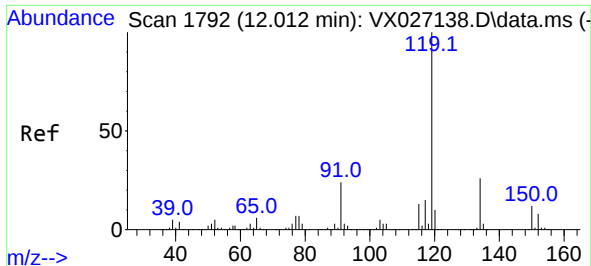
Tgt Ion:105 Resp: 24045
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.786 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion:105 Resp: 8318
Ion Ratio Lower Upper
105 100
134 26.5 10.1 30.1

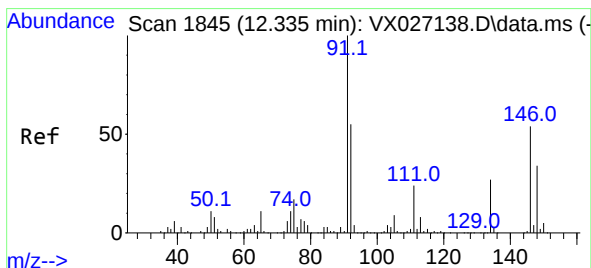
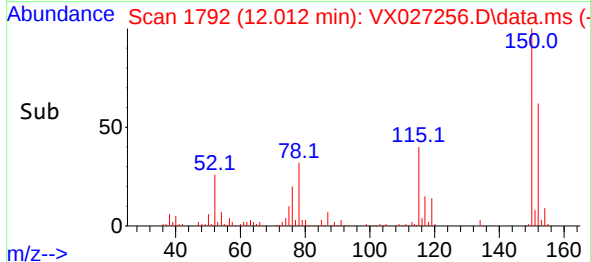
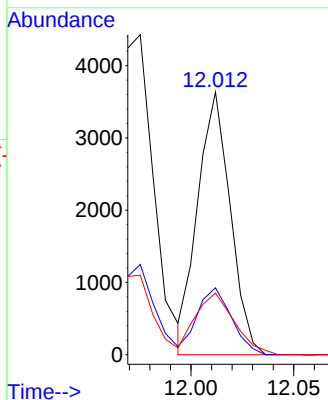
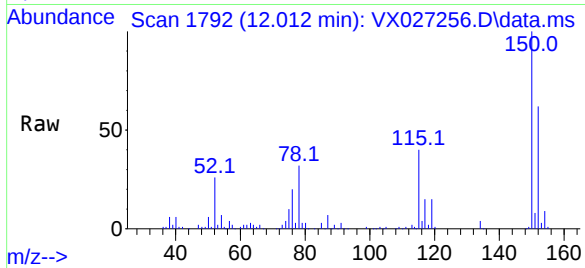




#86
p-Isopropyltoluene
Concen: 1.009 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

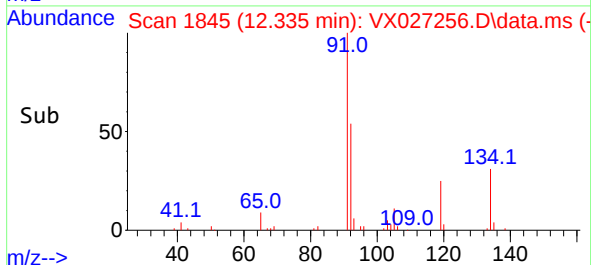
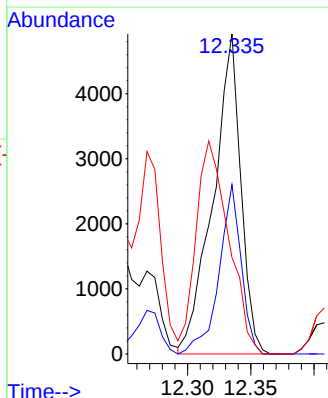
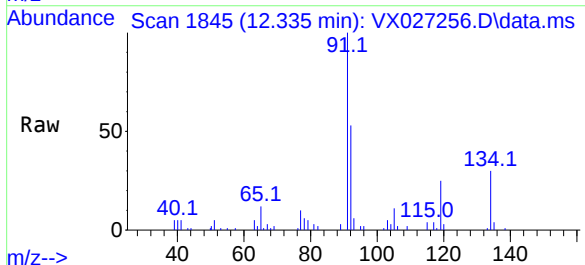
Instrument :
MSVOA_X
ClientSampleId :

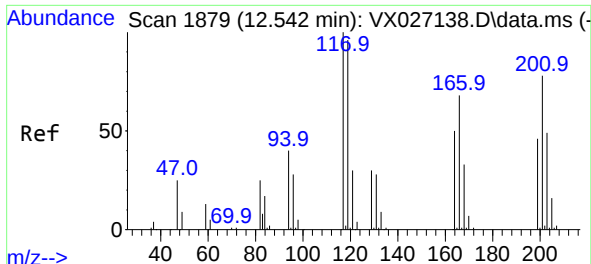
Tgt Ion:	119	Resp:	4005
Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.0	39.0
91	28.1	12.6	37.6



#89
n-Butylbenzene
Concen: 2.254 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion:	91	Resp:	7479
Ion	Ratio	Lower	Upper
91	100		
92	42.4	27.2	81.6
134	78.5	13.1	39.1#

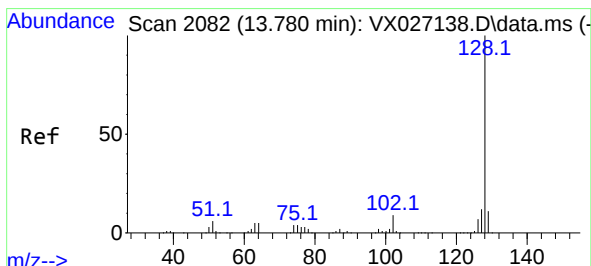
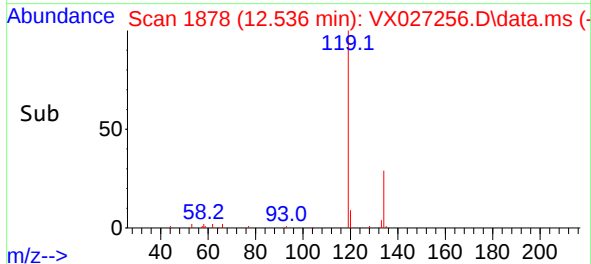
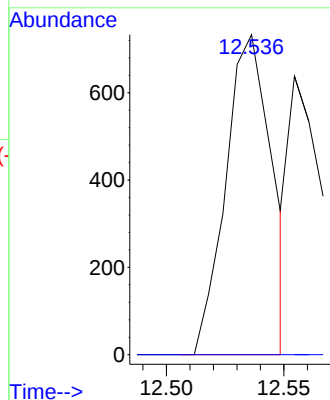
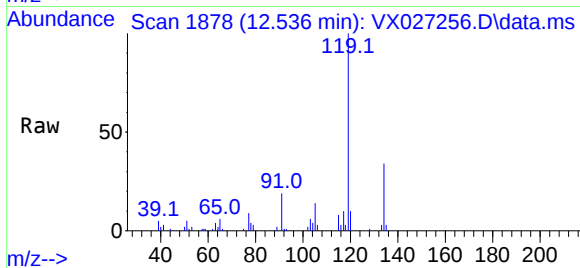




#90
Hexachloroethane
Concen: 1.618 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 995
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#



#95
Naphthalene
Concen: 9.349 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027256.D
Acq: 01 Mar 2022 18:14

Tgt Ion:128 Resp: 41696
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.9 8.7 13.1

