

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027472.D
 Acq On : 16 Mar 2022 15:39
 Operator : JC/MD
 Sample : N1924-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33605RE

Quant Time: Mar 17 00:51:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

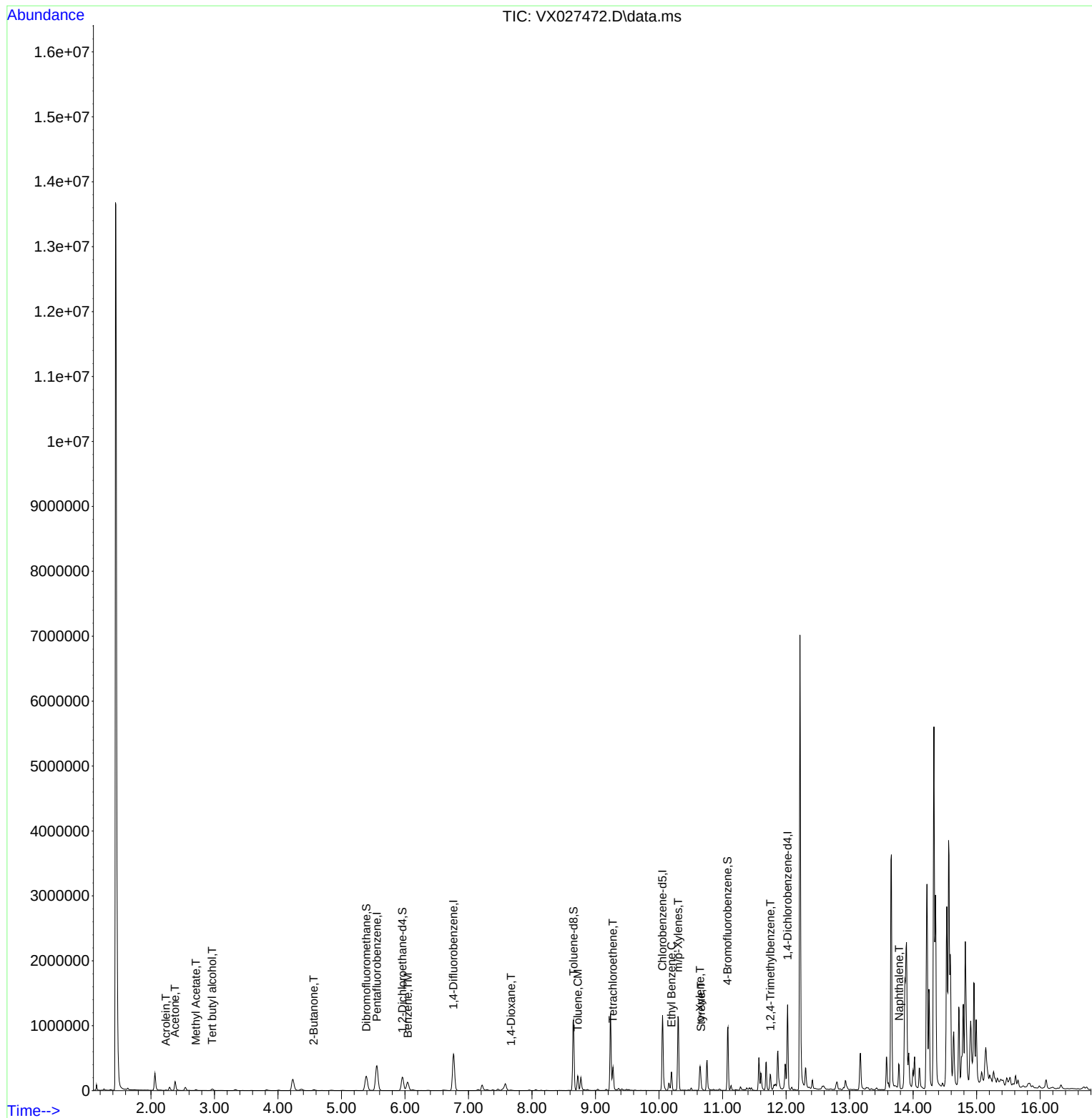
Internal Standards						
1) Pentafluorobenzene	5.556	168	391129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	616305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204383	44.809	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.620%		
35) Dibromofluoromethane	5.391	113	198345	49.876	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.760%		
50) Toluene-d8	8.653	98	674209	44.907	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.820%		
62) 4-Bromofluorobenzene	11.079	95	261422	45.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.380%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	26407	29.532	ug/l	100
13) Acrolein	2.233	56	6422	10.246	ug/l	98
16) Acetone	2.380	43	135713	74.747	ug/l	98
18) Methyl Acetate	2.709	43	14572	2.906	ug/l	99
25) 2-Butanone	4.562	43	23036	7.332	ug/l	95
40) Benzene	6.043	78	163299	9.710	ug/l	100
49) 1,4-Dioxane	7.671	88	4366	38.215	ug/l #	72
52) Toluene	8.720	92	83622	7.800	ug/l	96
64) Tetrachloroethene	9.275	164	61739	16.629	ug/l	96
67) Ethyl Benzene	10.195	91	157936	8.216	ug/l	97
68) m/p-Xylenes	10.299	106	275235	36.505	ug/l	99
69) o-Xylene	10.646	106	73080	9.817	ug/l	99
70) Styrene	10.659	104	63312	5.124	ug/l #	88
84) 1,2,4-Trimethylbenzene	11.756	105	82103m	4.967	ug/l	
95) Naphthalene	13.780	128	239570	11.965	ug/l	99

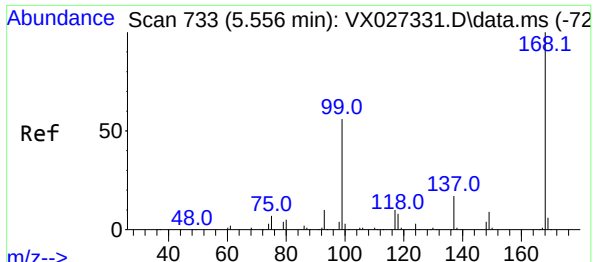
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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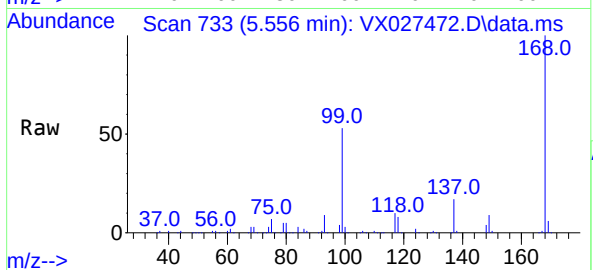
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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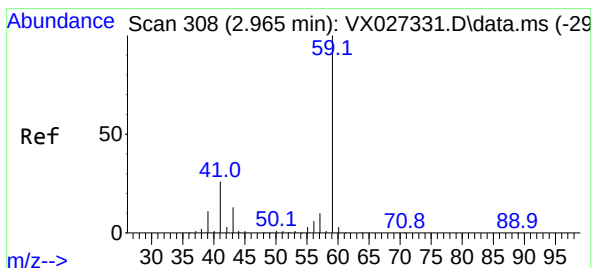
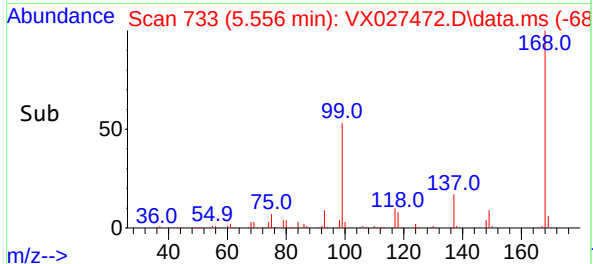
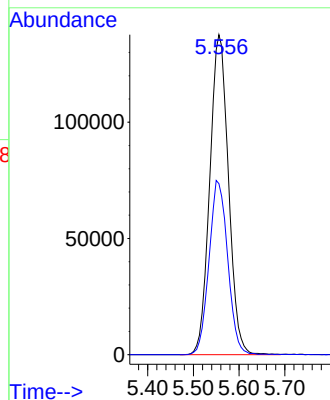


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
33605RE

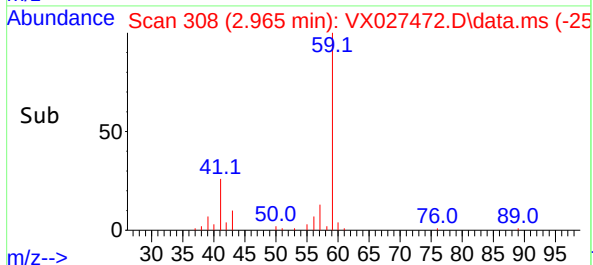
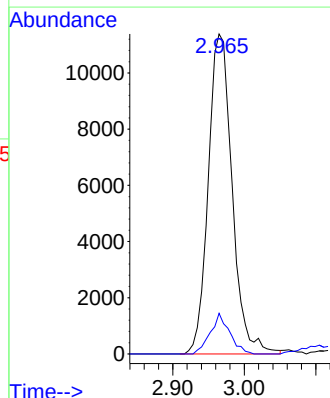
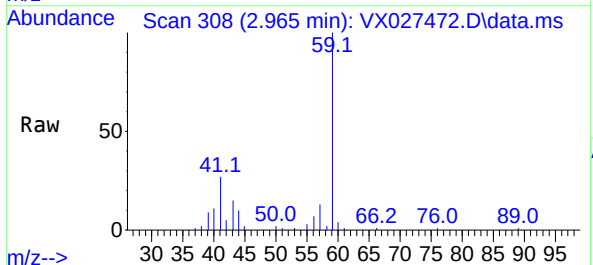


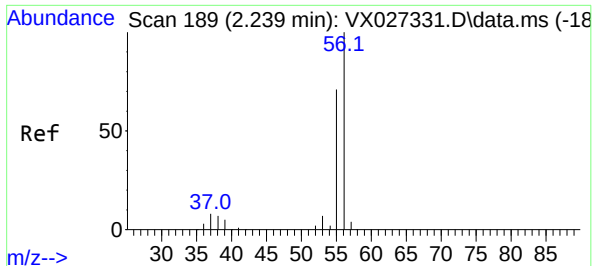
Tgt Ion:168 Resp: 391129
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 29.532 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Tgt Ion: 59 Resp: 26407
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

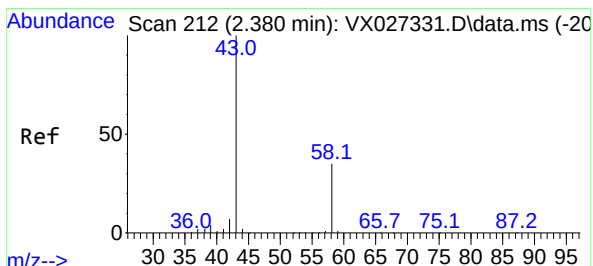
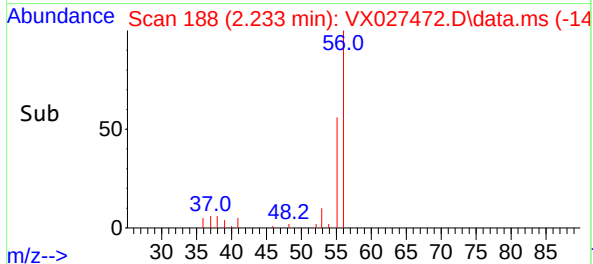
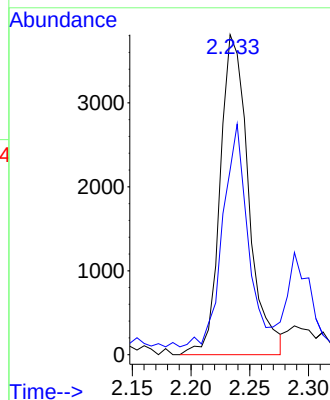
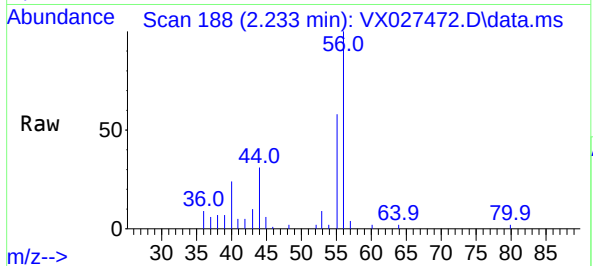




#13
Acrolein
Concen: 10.246 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

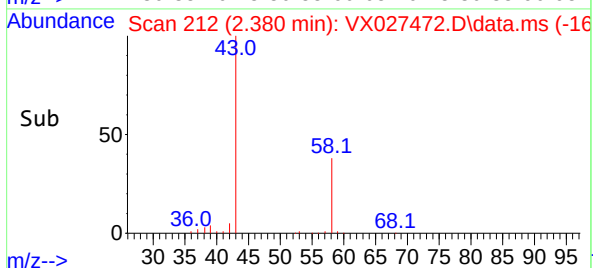
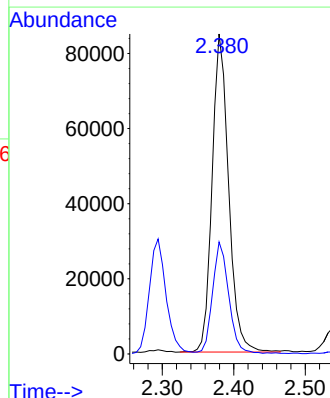
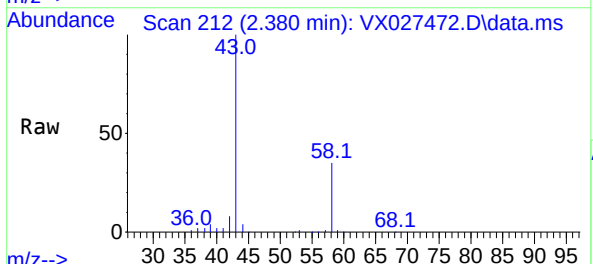
Instrument :
MSVOA_X
ClientSampleId :
33605RE

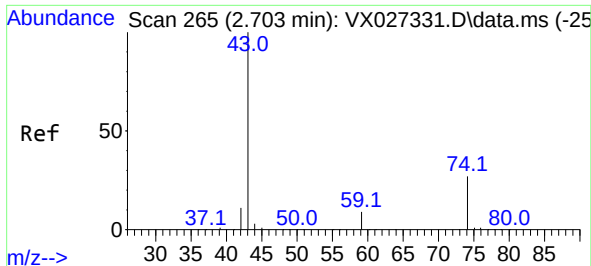
Tgt Ion: 56 Resp: 6422
Ion Ratio Lower Upper
56 100
55 66.9 55.0 82.6



#16
Acetone
Concen: 74.747 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Tgt Ion: 43 Resp: 135713
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2





#18

Methyl Acetate

Concen: 2.906 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX027472.D

Acq: 16 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

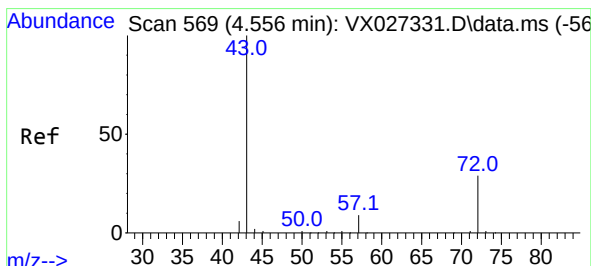
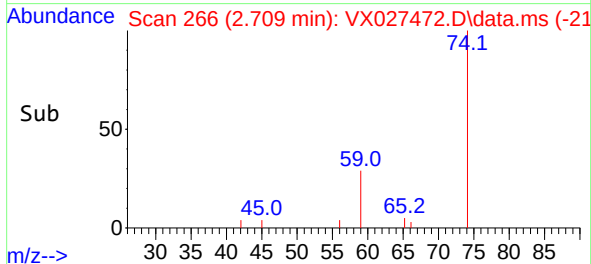
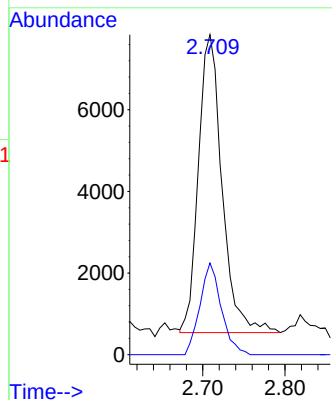
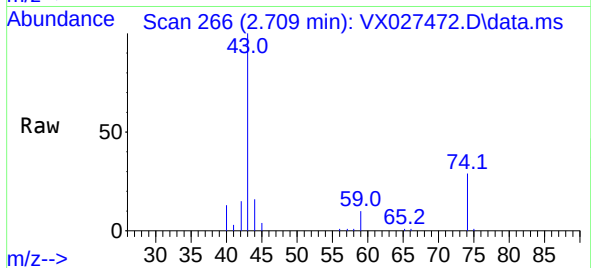
33605RE

Tgt Ion: 43 Resp: 14572

Ion Ratio Lower Upper

43 100

74 27.7 22.8 34.2



#25

2-Butanone

Concen: 7.332 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX027472.D

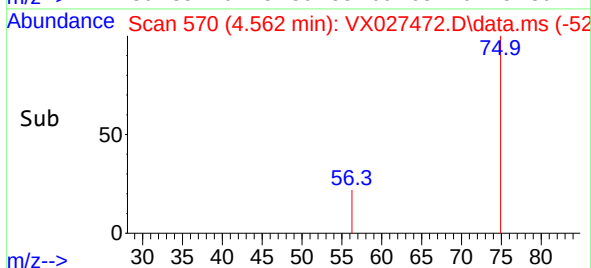
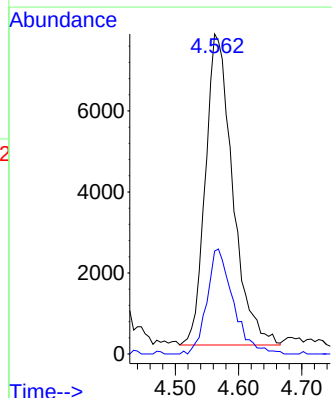
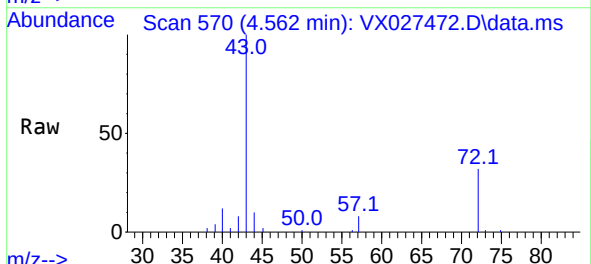
Acq: 16 Mar 2022 15:39

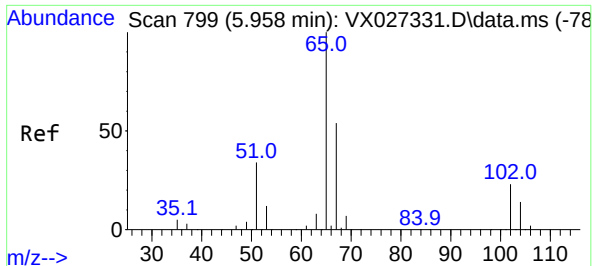
Tgt Ion: 43 Resp: 23036

Ion Ratio Lower Upper

43 100

72 33.1 24.4 36.6

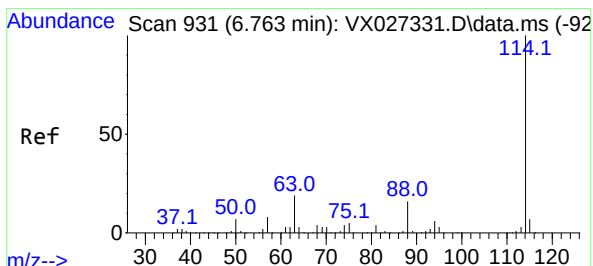
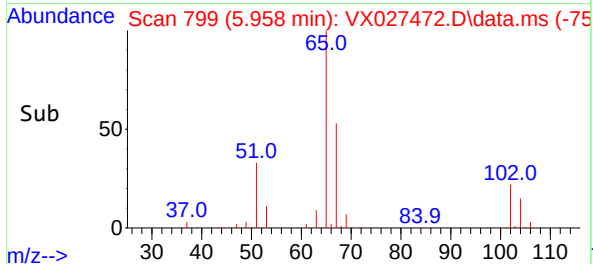
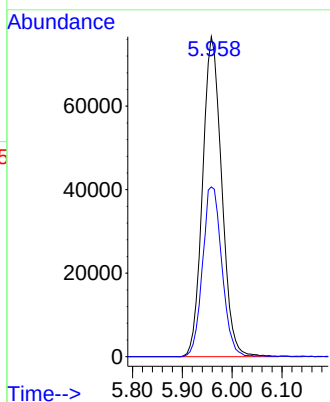
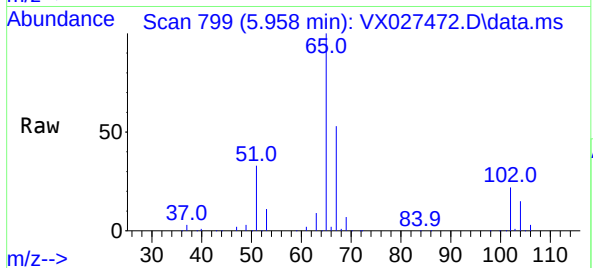




#33
 1,2-Dichloroethane-d4
 Concen: 44.809 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027472.D
 Acq: 16 Mar 2022 15:39

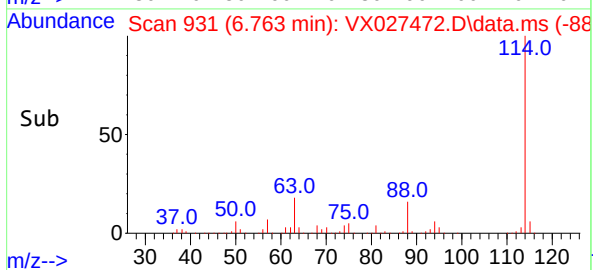
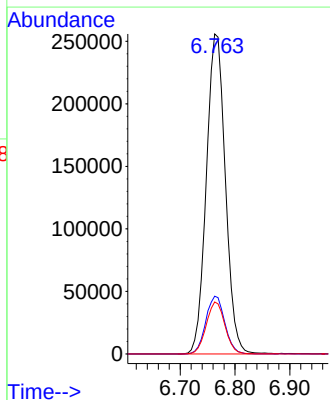
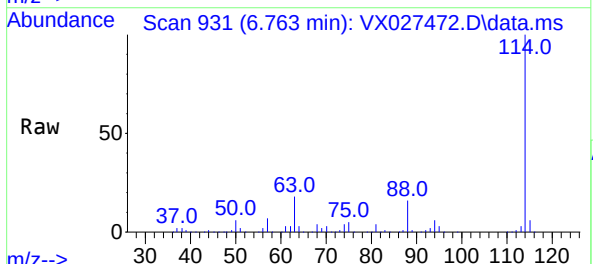
Instrument :
 MSVOA_X
 ClientSampleId :
 33605RE

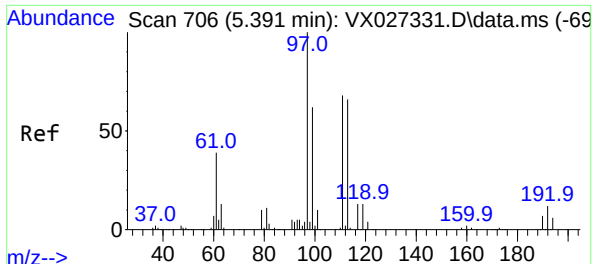
Tgt Ion: 65 Resp: 204383
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX027472.D
 Acq: 16 Mar 2022 15:39

Tgt Ion: 114 Resp: 616305
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 16.2 0.0 32.4



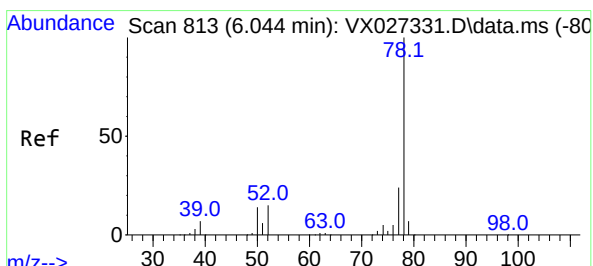
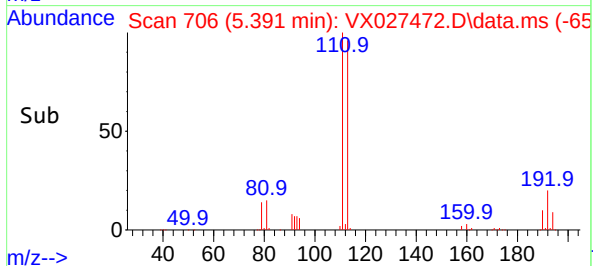
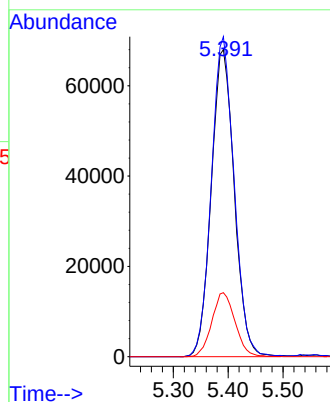
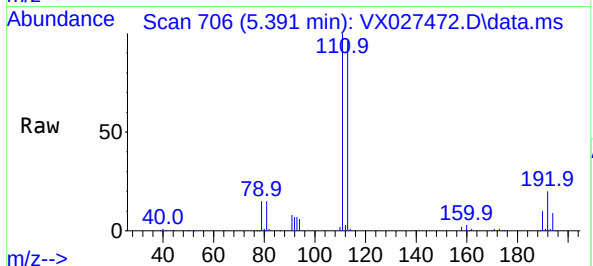


#35
 Dibromofluoromethane
 Concen: 49.876 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027472.D
 Acq: 16 Mar 2022 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 33605RE

Tgt Ion:113 Resp: 198345

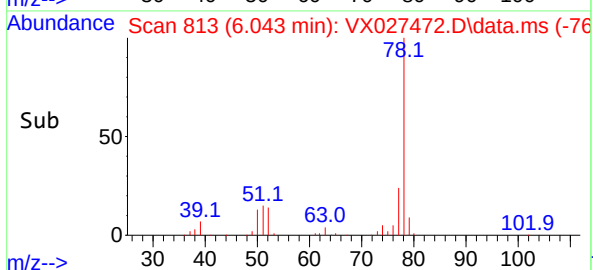
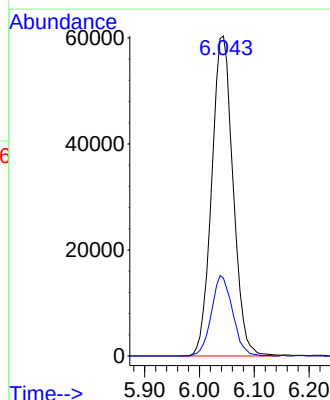
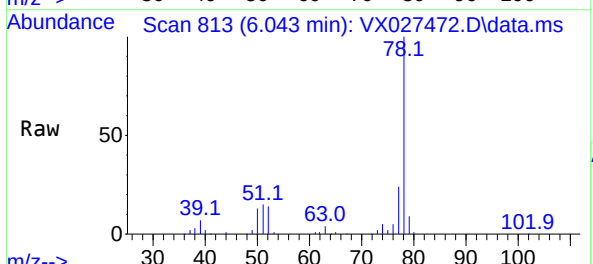
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	21.1	16.9	25.3

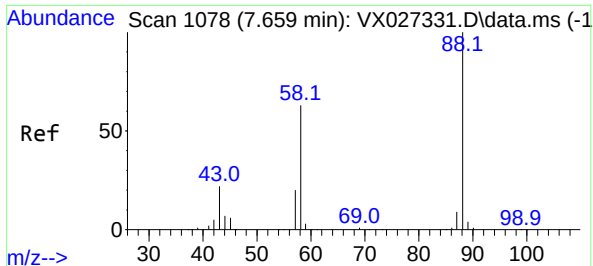


#40
 Benzene
 Concen: 9.710 ug/l
 RT: 6.043 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VX027472.D
 Acq: 16 Mar 2022 15:39

Tgt Ion: 78 Resp: 163299

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#49

1,4-Dioxane

Concen: 38.215 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX027472.D

Acq: 16 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

33605RE

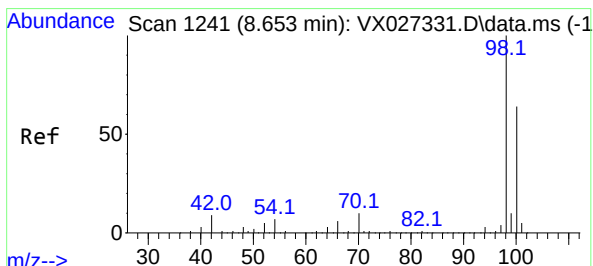
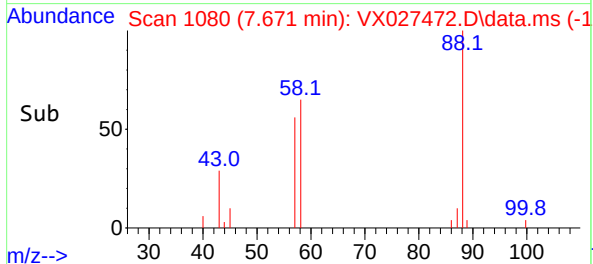
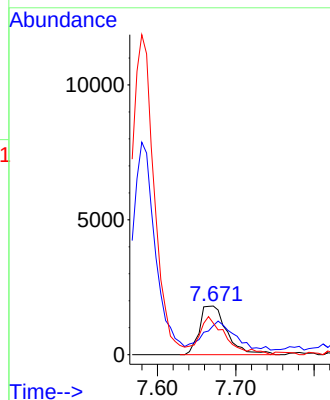
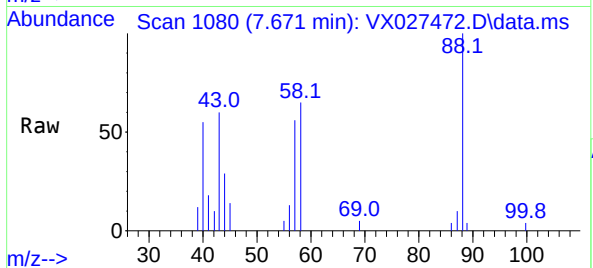
Tgt Ion: 88 Resp: 4366

Ion Ratio Lower Upper

88 100

43 63.3 21.9 32.9#

58 75.9 53.7 80.5



#50

Toluene-d8

Concen: 44.907 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027472.D

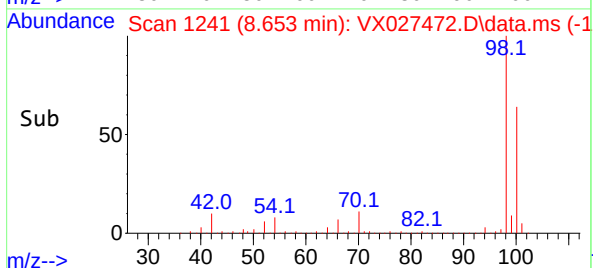
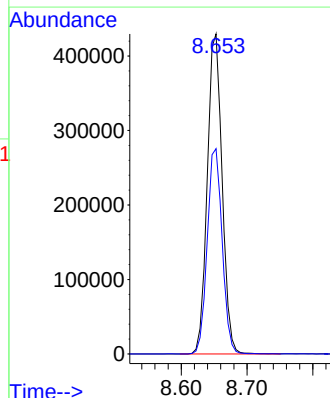
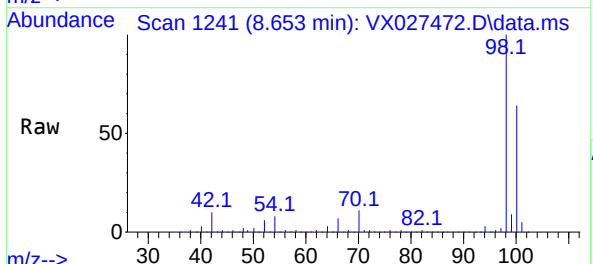
Acq: 16 Mar 2022 15:39

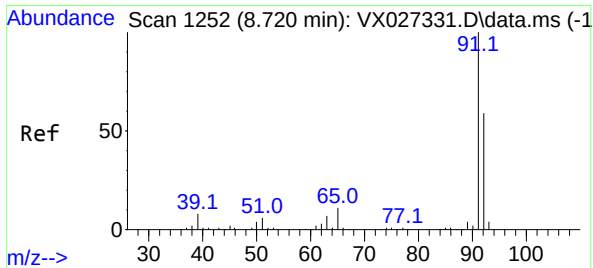
Tgt Ion: 98 Resp: 674209

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

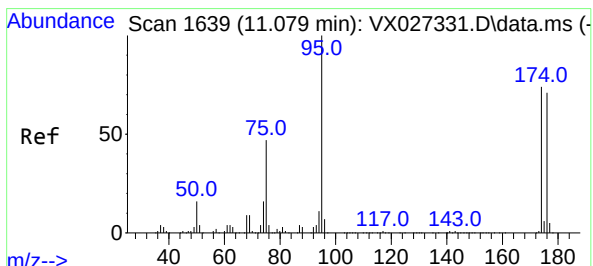
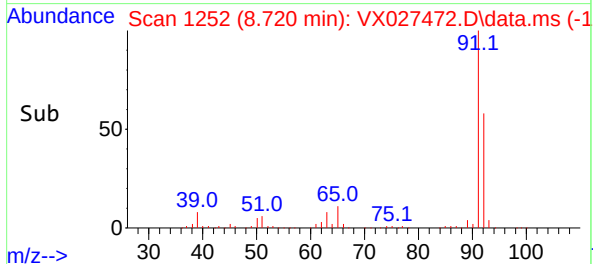
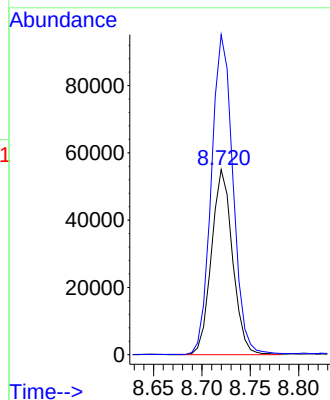
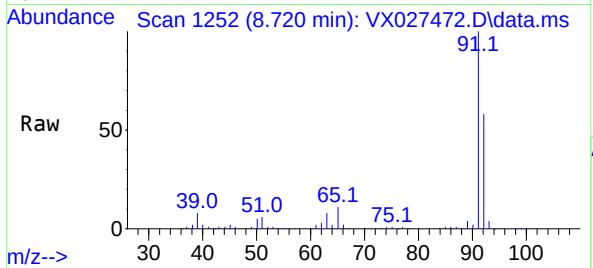




#52
Toluene
Concen: 7.800 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

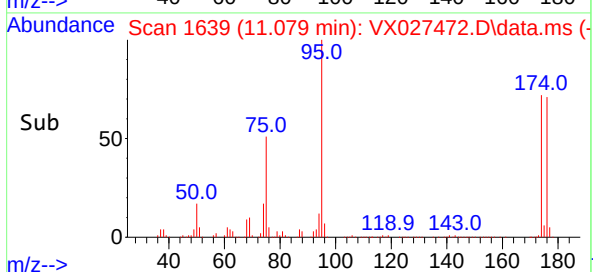
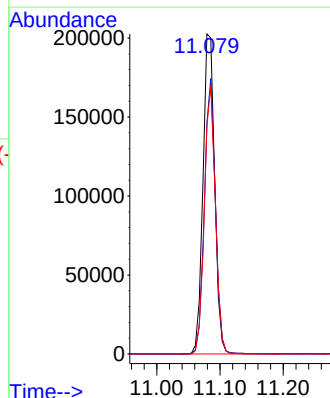
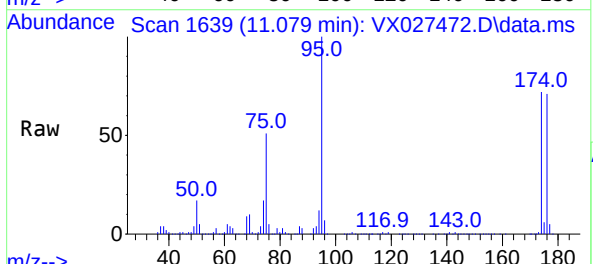
Instrument :
MSVOA_X
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33605RE

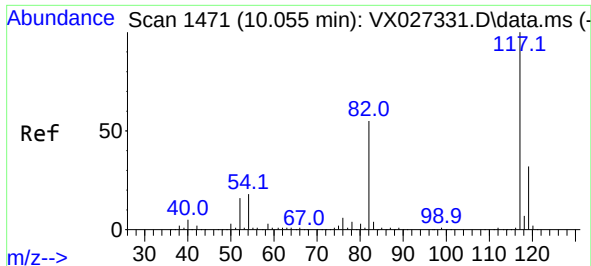
Tgt Ion: 92 Resp: 83622
Ion Ratio Lower Upper
92 100
91 177.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 45.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Tgt Ion: 95 Resp: 261422
Ion Ratio Lower Upper
95 100
174 80.9 0.0 163.0
176 78.7 0.0 155.0

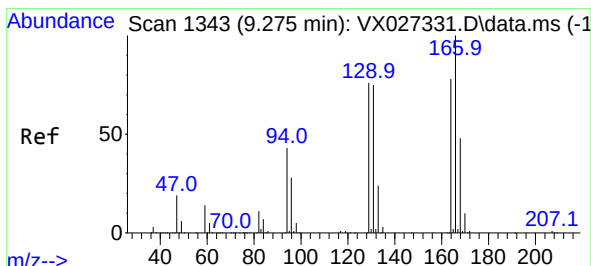
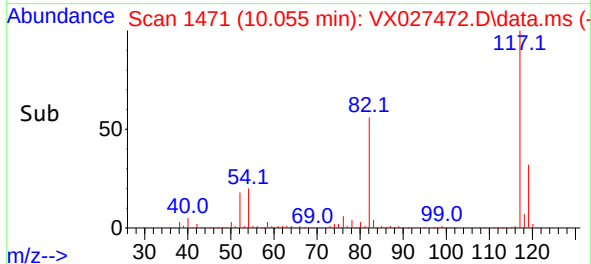
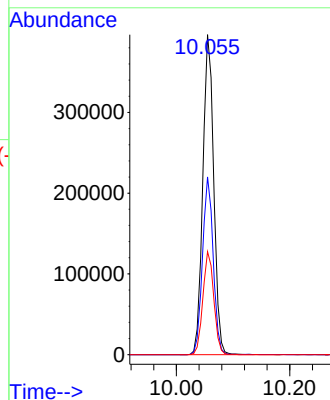
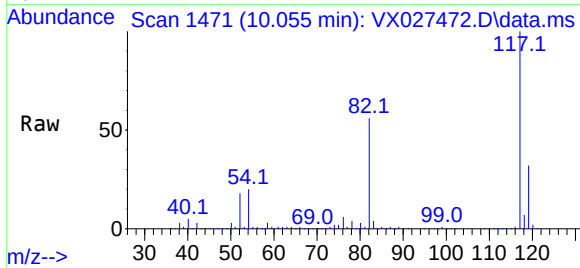




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

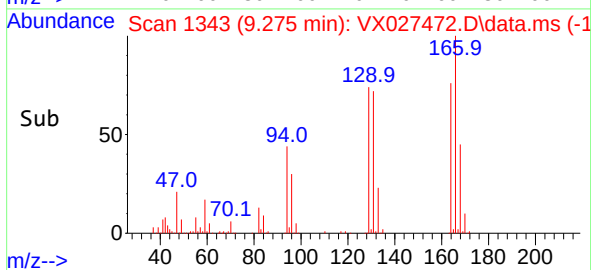
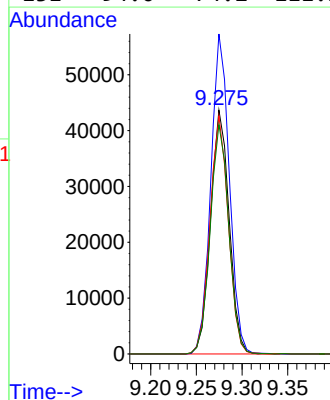
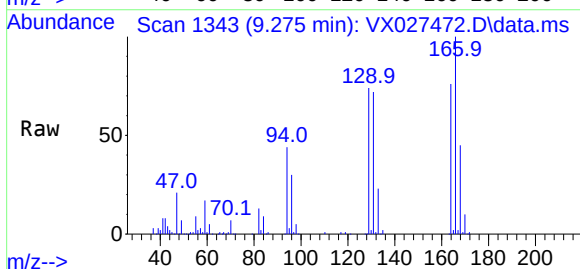
Instrument :
MSVOA_X
ClientSampleId :
33605RE

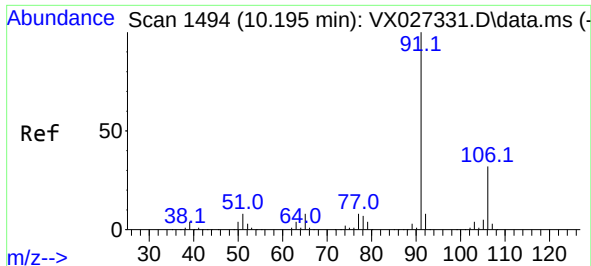
Tgt Ion:117 Resp: 529796
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 16.629 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Tgt Ion:164 Resp: 61739
Ion Ratio Lower Upper
164 100
166 131.3 101.2 151.8
129 97.6 73.0 109.4
131 94.0 74.2 111.2

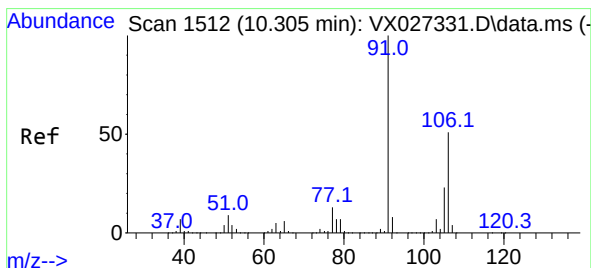
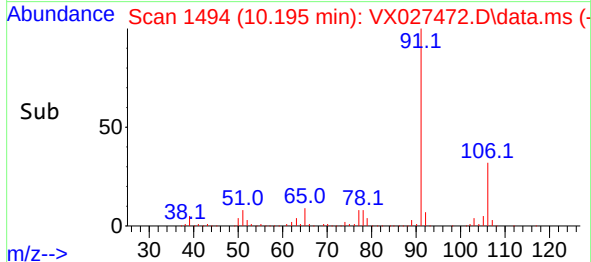
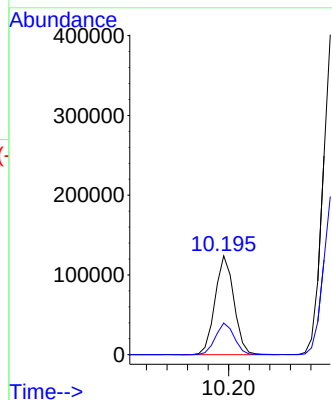
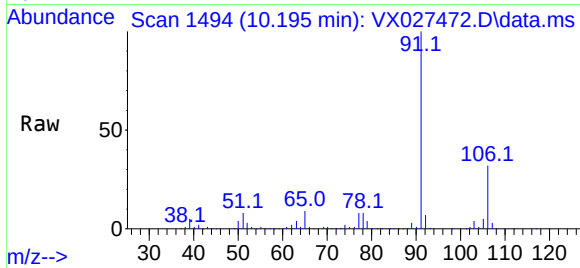




#67
Ethyl Benzene
Concen: 8.216 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

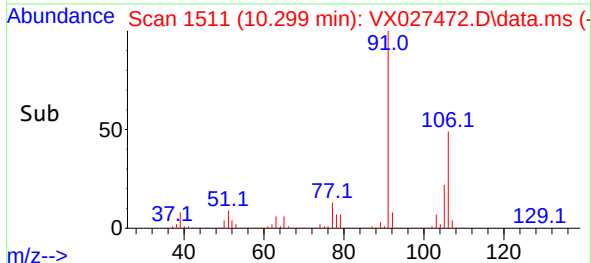
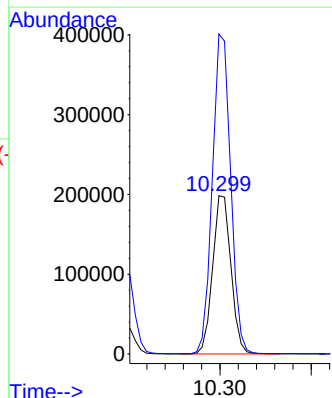
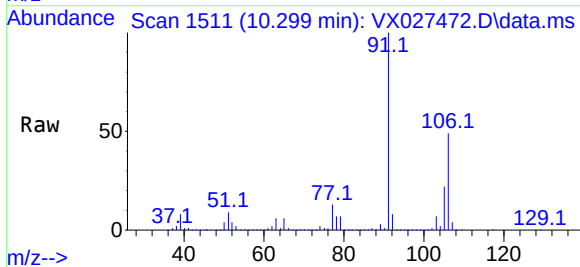
Instrument :
MSVOA_X
ClientSampleId :
33605RE

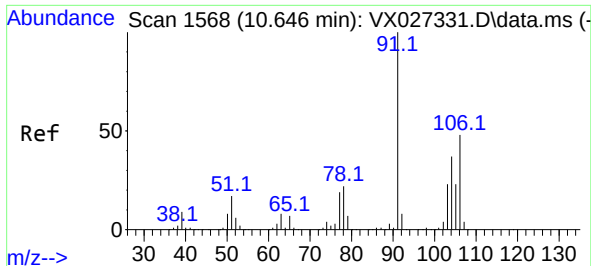
Tgt Ion: 91 Resp: 157936
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 36.505 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Tgt Ion: 106 Resp: 275235
Ion Ratio Lower Upper
106 100
91 202.5 160.4 240.6

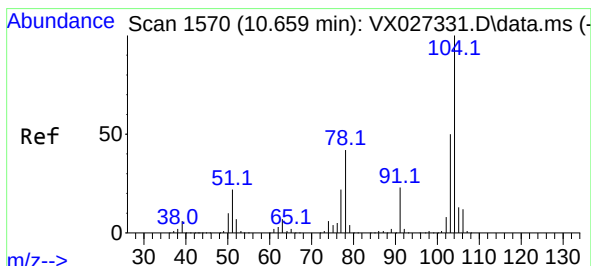
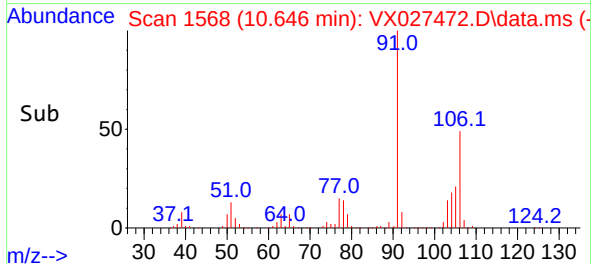
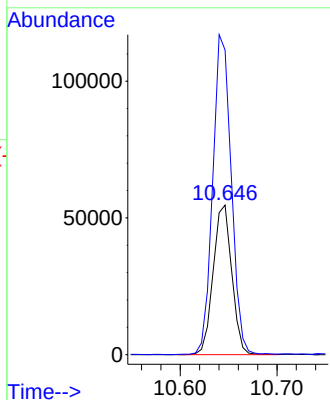
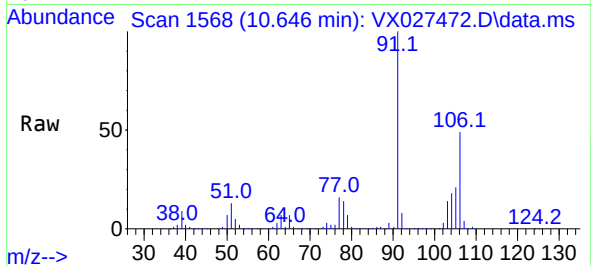




#69
o-Xylene
Concen: 9.817 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

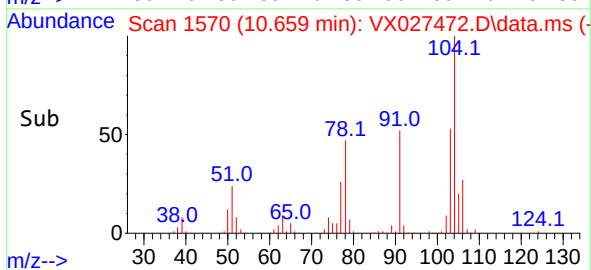
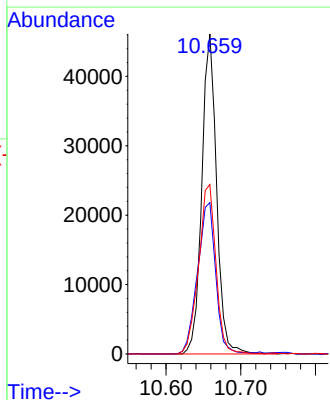
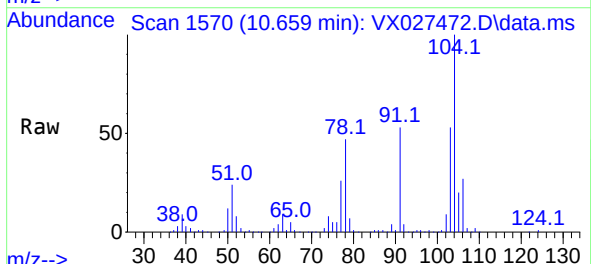
Instrument :
MSVOA_X
ClientSampleId :
33605RE

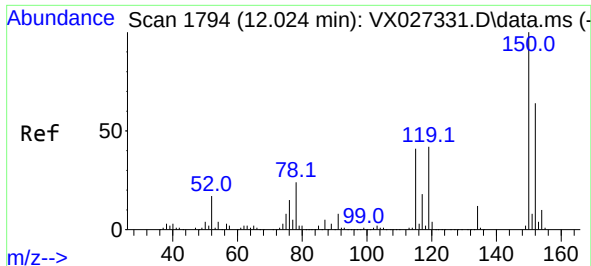
Tgt Ion:106 Resp: 73080
Ion Ratio Lower Upper
106 100
91 213.4 106.1 318.1



#70
Styrene
Concen: 5.124 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

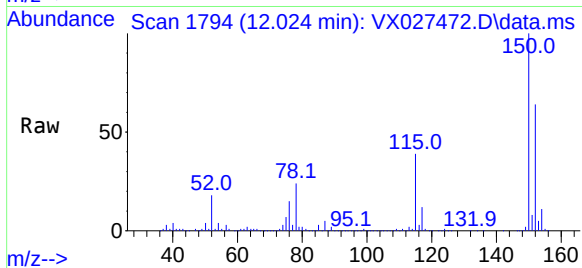
Tgt Ion:104 Resp: 63312
Ion Ratio Lower Upper
104 100
78 57.9 38.6 57.8#
103 62.2 43.8 65.8



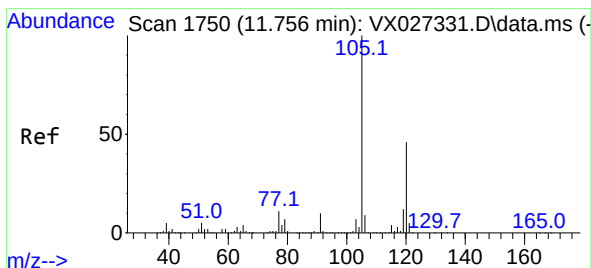
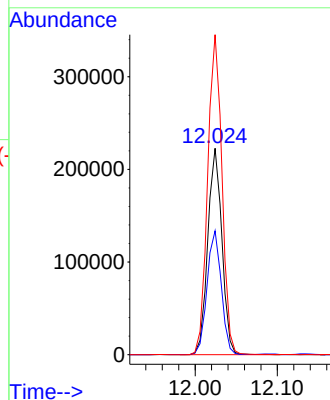
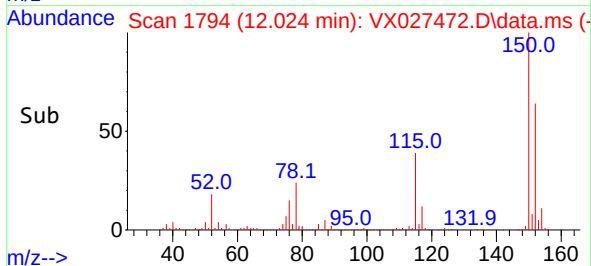


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

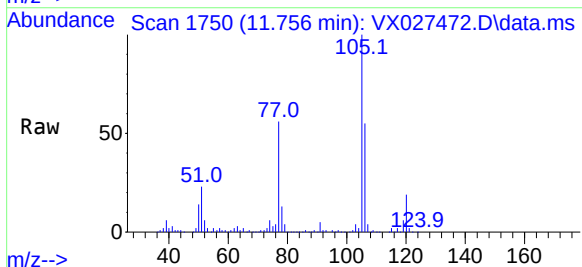
Instrument :
MSVOA_X
ClientSampleId :
33605RE



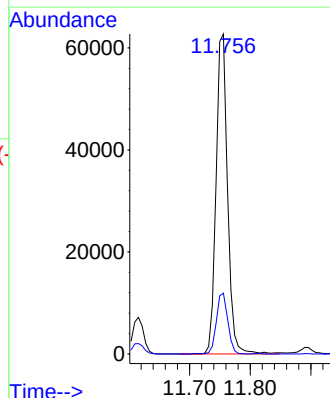
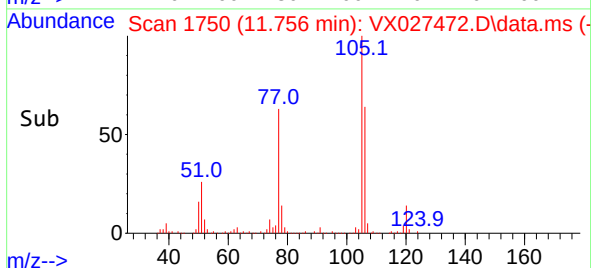
Tgt Ion:152 Resp: 265778
Ion Ratio Lower Upper
152 100
115 60.4 37.5 112.7
150 156.9 0.0 338.2

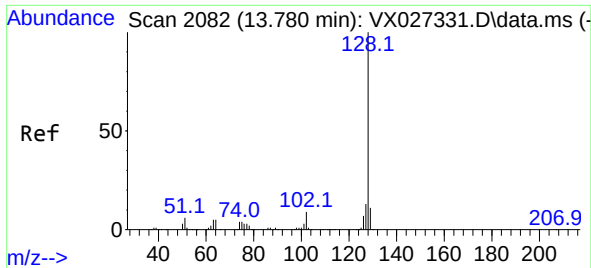


#84
1,2,4-Trimethylbenzene
Concen: 4.967 ug/l m
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39



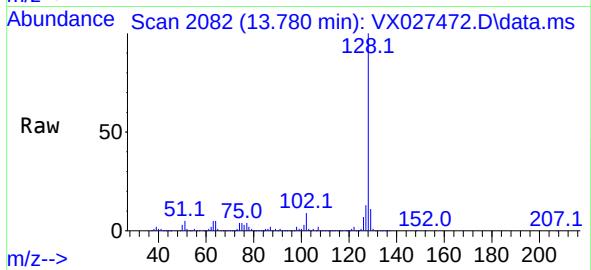
Tgt Ion:105 Resp: 82103
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.8#





#95
Naphthalene
Concen: 11.965 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027472.D
Acq: 16 Mar 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
33605RE



Tgt Ion:128 Resp: 239570
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.5 8.7 13.1

