

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026845.D
 Acq On : 09 Feb 2022 00:52
 Operator : JC/MD
 Sample : N1425-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31380

Quant Time: Feb 09 05:19:31 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)

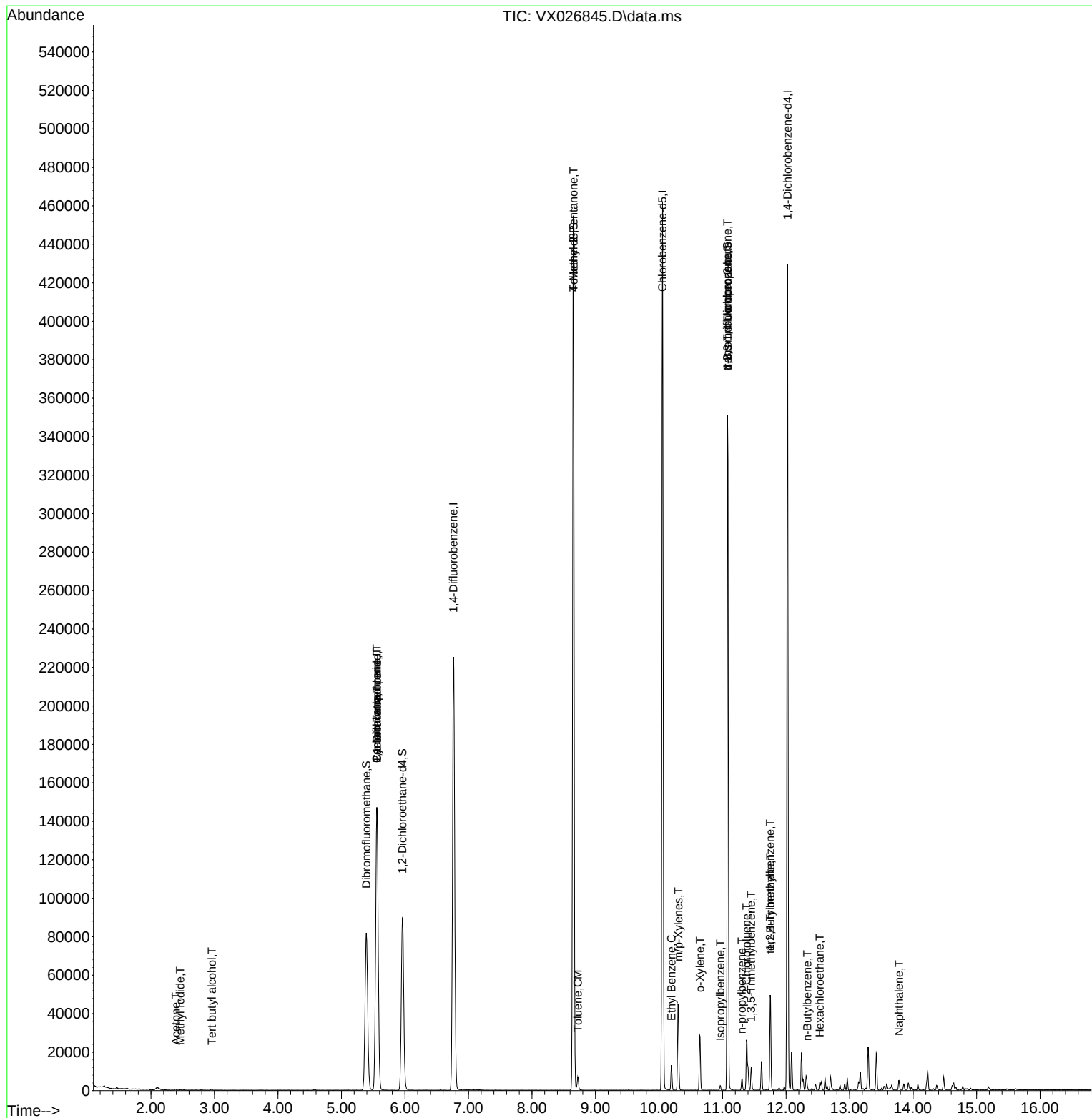
Internal Standards						
1) Pentafluorobenzene	5.556	168	139152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88724	53.116	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.240%	
35) Dibromofluoromethane	5.391	113	73682	52.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.800%	
50) Toluene-d8	8.653	98	270143	52.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.680%	
62) 4-Bromofluorobenzene	11.079	95	95698	53.166	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.624	64	20	Below Cal	#	43
10) Methyl Iodide	2.459	142	265	2.382	ug/l #	74
11) Tert butyl alcohol	2.959	59	179	0.593	ug/l #	75
16) Acetone	2.392	43	490	0.668	ug/l #	86
31) Cyclohexane	5.556	56	2732	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10385	4.726	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14151	6.142	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1235	0.530	ug/l #	1
52) Toluene	8.720	92	2769	0.683	ug/l	96
67) Ethyl Benzene	10.195	91	7666	1.019	ug/l	91
68) m/p-Xylenes	10.305	106	10501	3.627	ug/l	97
69) o-Xylene	10.646	106	6380	2.249	ug/l	99
73) Isopropylbenzene	10.963	105	1375	0.201	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	47356	24.872	ug/l #	40
78) n-propylbenzene	11.305	91	4359	0.574	ug/l	97
79) 2-Chlorotoluene	11.378	91	2431	0.518	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	5338	0.947	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	47356	75.882	ug/l #	3
83) tert-Butylbenzene	11.756	119	2643	0.492	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.750	105	22589	3.972	ug/l	100
89) n-Butylbenzene	12.335	91	1610	0.341	ug/l #	41
90) Hexachloroethane	12.530	117	206	0.247	ug/l #	14
95) Naphthalene	13.780	128	3569	0.561	ug/l	97

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

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Quant Time: Feb 09 05:19:31 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

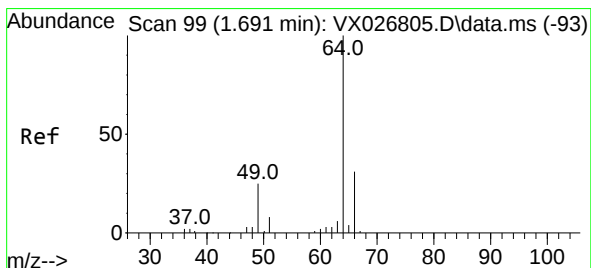
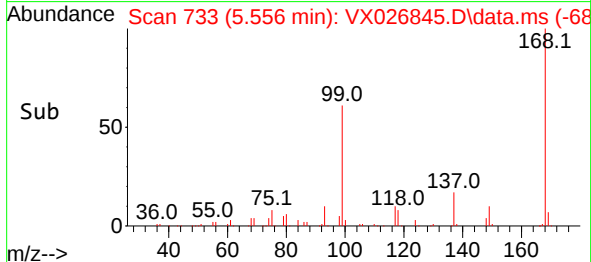
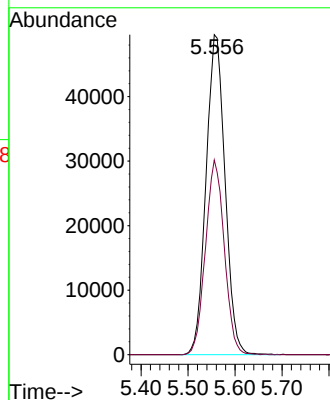
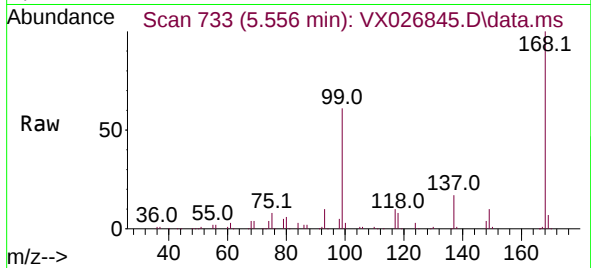




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

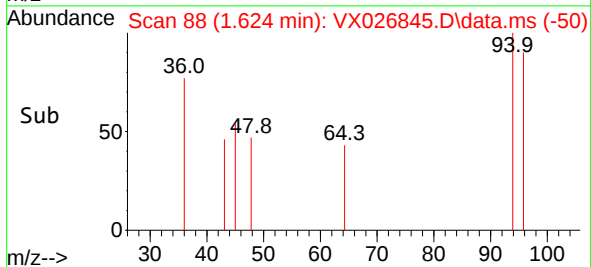
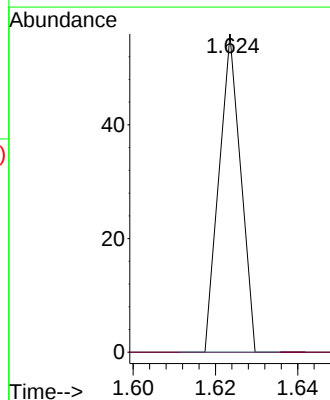
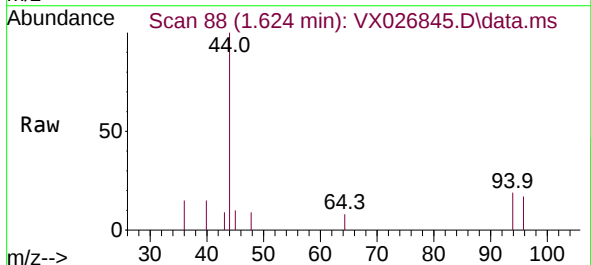
Instrument :
MSVOA_X
ClientSampleId :
31380

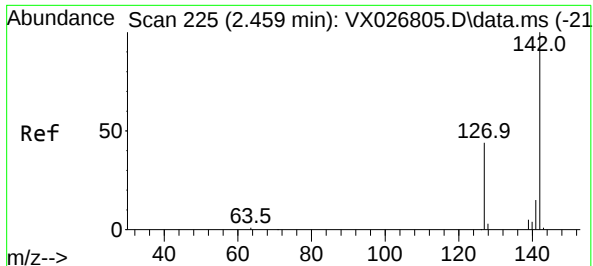
Tgt Ion:168 Resp: 139152
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. -0.067 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

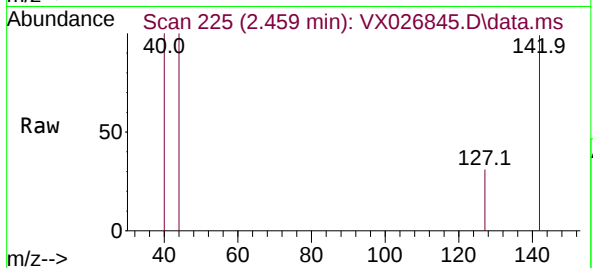
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



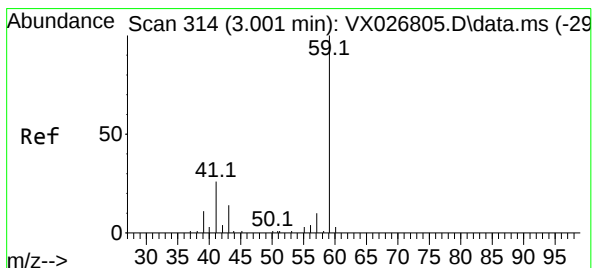
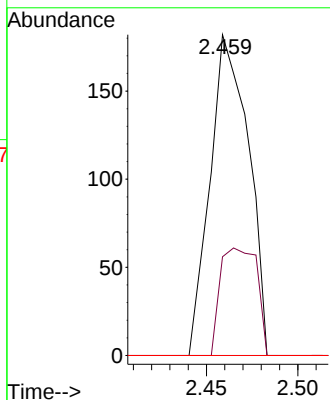
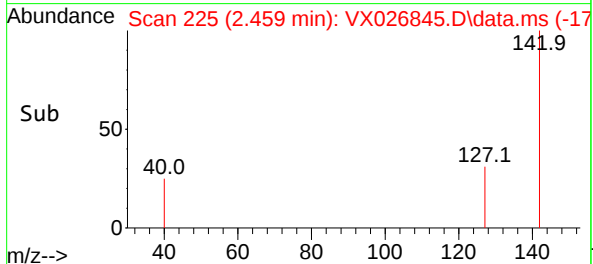


#10
Methyl Iodide
Concen: 2.382 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

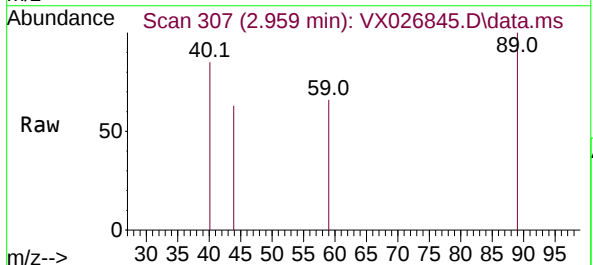
Instrument :
MSVOA_X
ClientSampleId :
31380



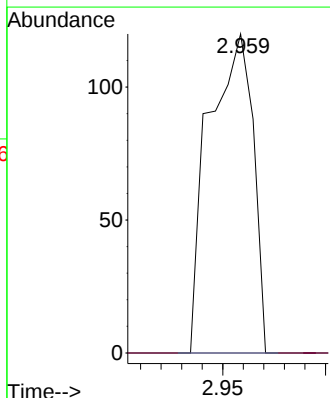
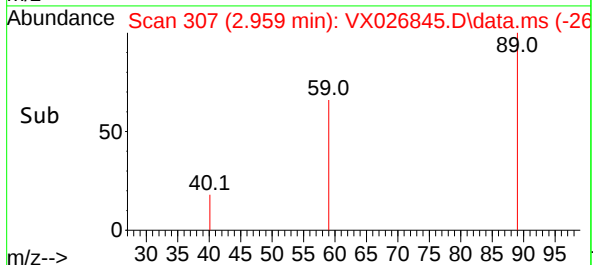
Tgt Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
127 32.1 38.1 57.1#
141 0.0 11.2 16.8#

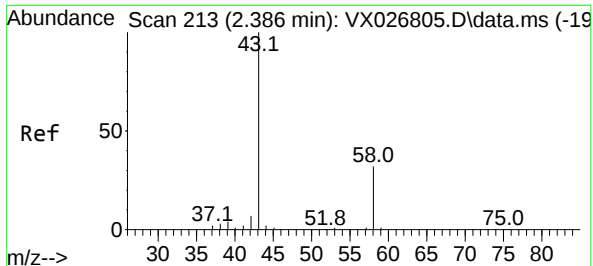


#11
Tert butyl alcohol
Concen: 0.593 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.042 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52



Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

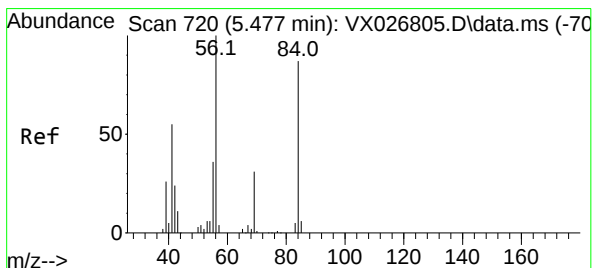
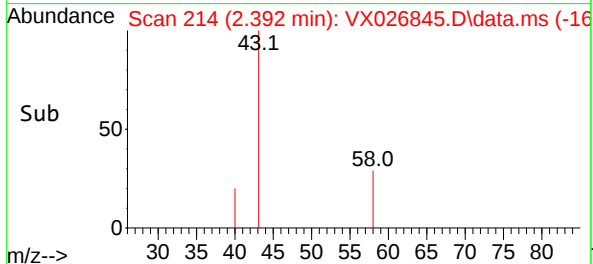
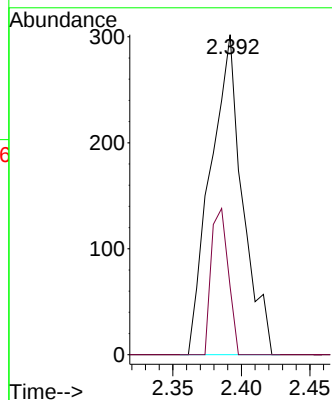
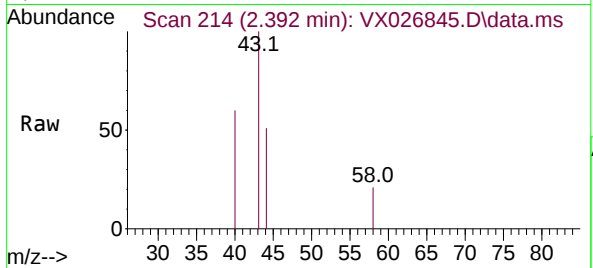




#16
Acetone
Concen: 0.668 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

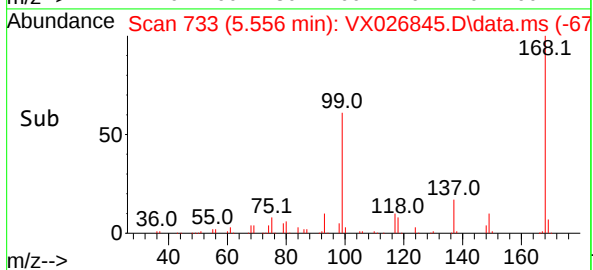
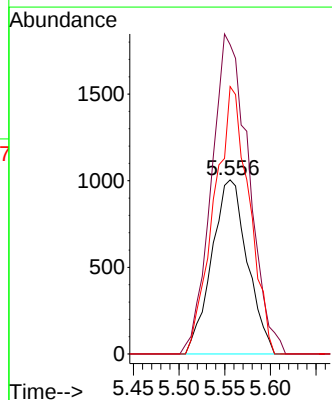
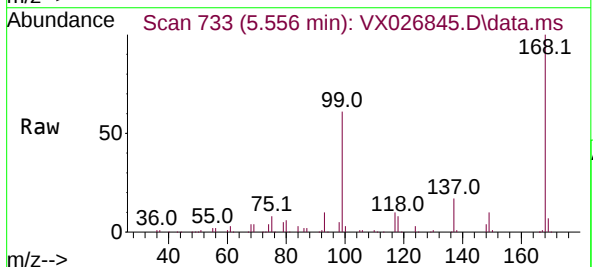
Instrument :
MSVOA_X
ClientSampleId :
31380

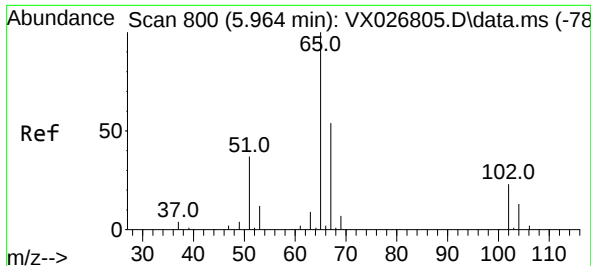
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 21.2 23.0 34.6#



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 56 Resp: 2732
Ion Ratio Lower Upper
56 100
69 177.6 25.8 38.6#
84 153.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.116 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026845.D

Acq: 09 Feb 2022 00:52

Instrument :

MSVOA_X

ClientSampleId :

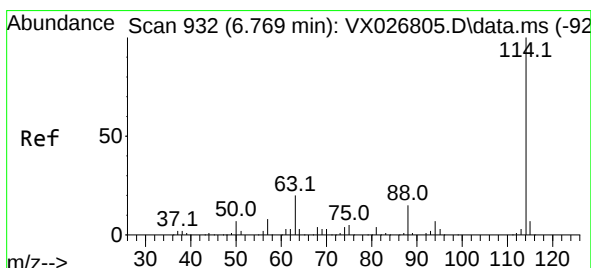
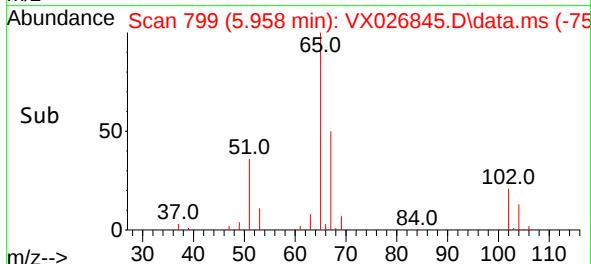
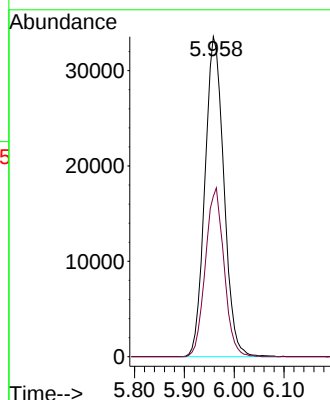
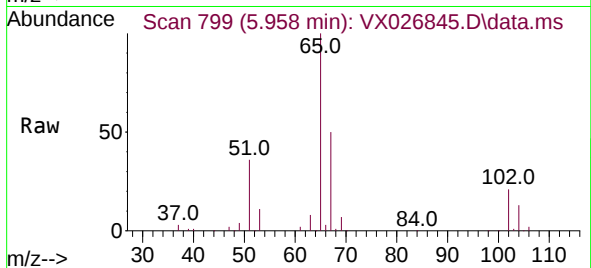
31380

Tgt Ion: 65 Resp: 88724

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026845.D

Acq: 09 Feb 2022 00:52

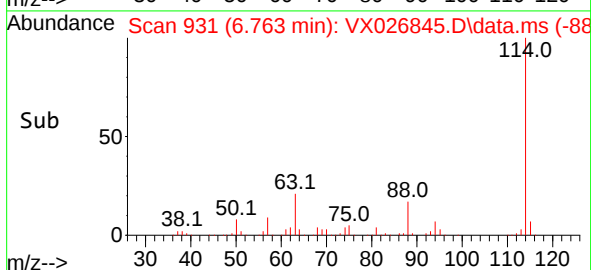
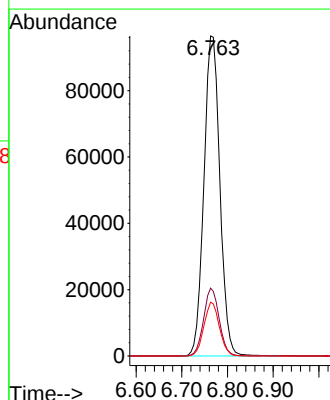
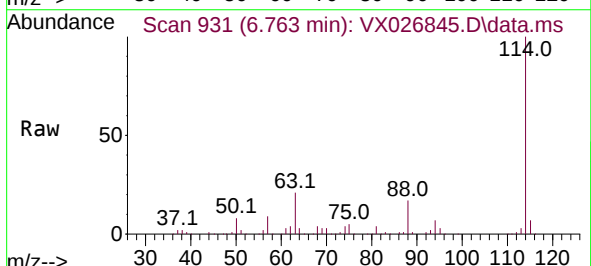
Tgt Ion:114 Resp: 233778

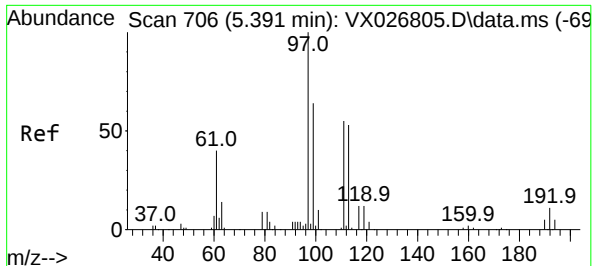
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.902 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026845.D

Acq: 09 Feb 2022 00:52

Instrument :

MSVOA_X

ClientSampleId :

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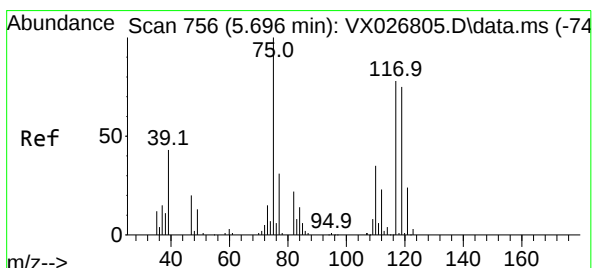
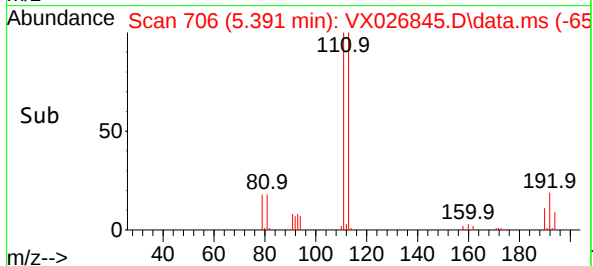
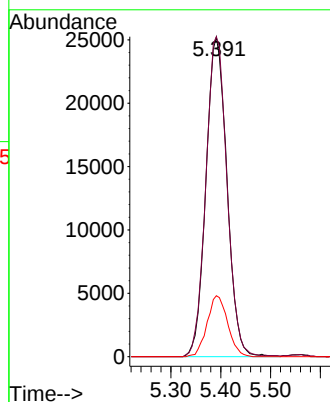
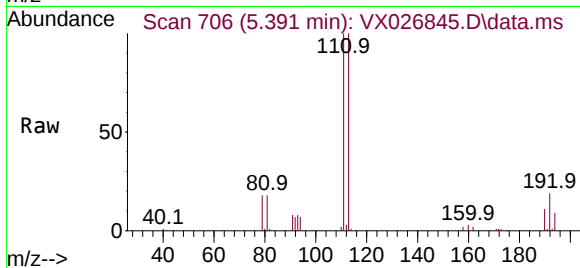
Tgt Ion:113 Resp: 73682

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

192 18.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026845.D

Acq: 09 Feb 2022 00:52

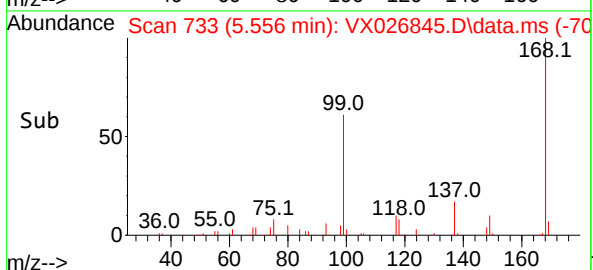
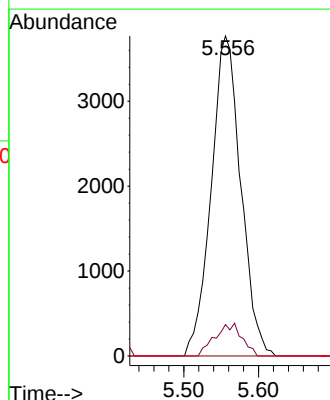
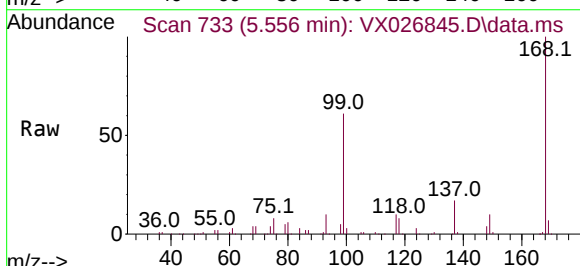
Tgt Ion: 75 Resp: 10385

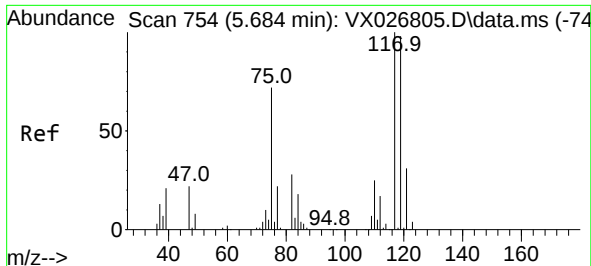
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

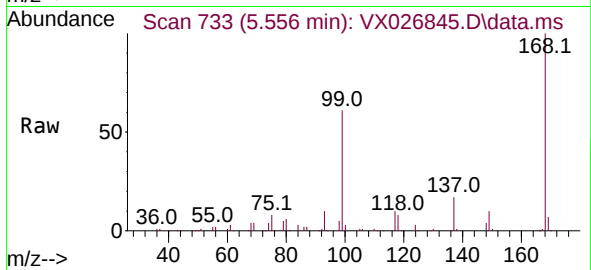
77 0.0 24.6 36.8#



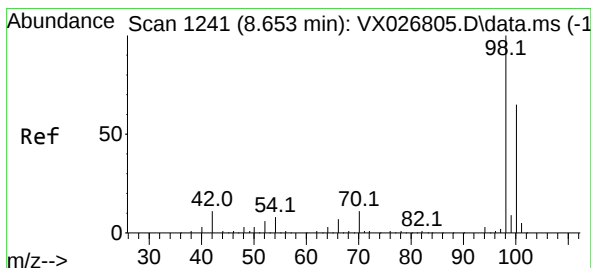
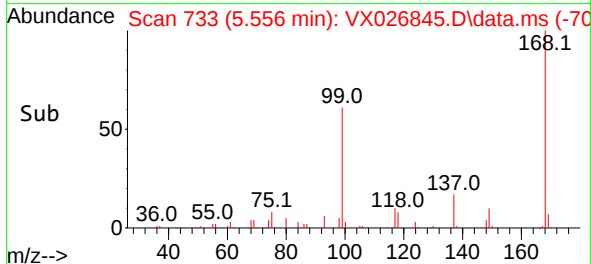
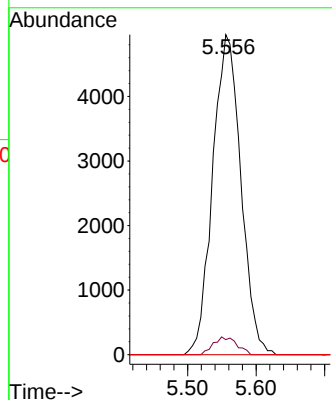


#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

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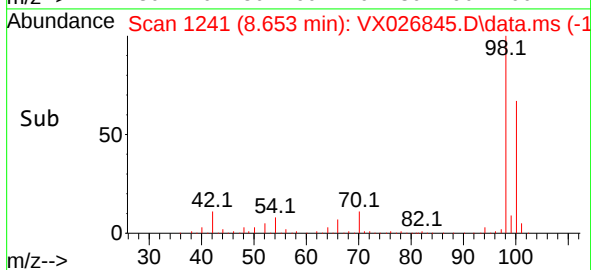
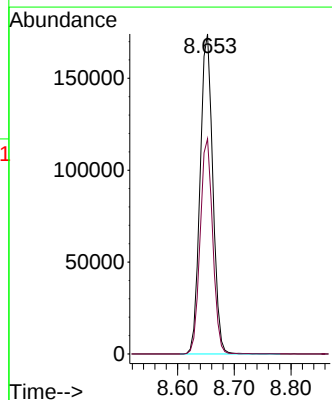
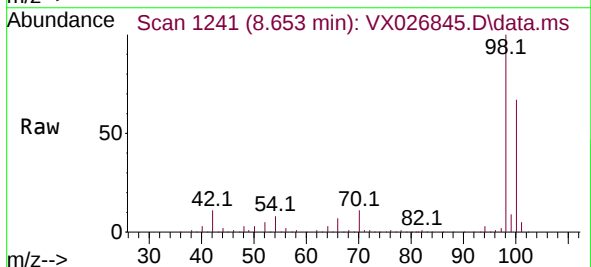


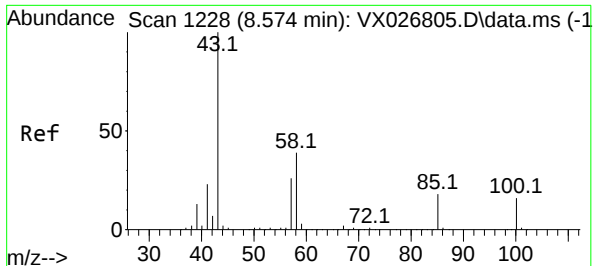
Tgt Ion:117 Resp: 14151
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.839 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 98 Resp: 270143
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

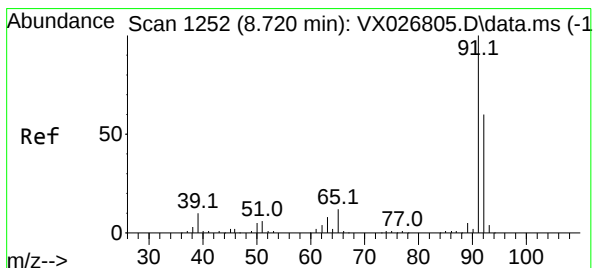
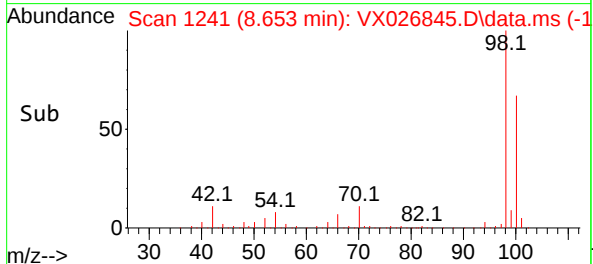
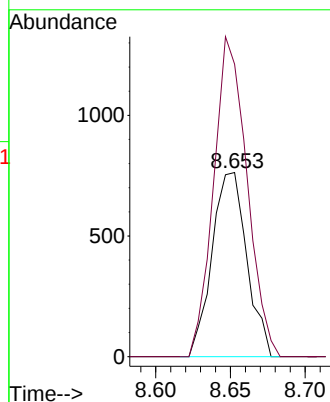
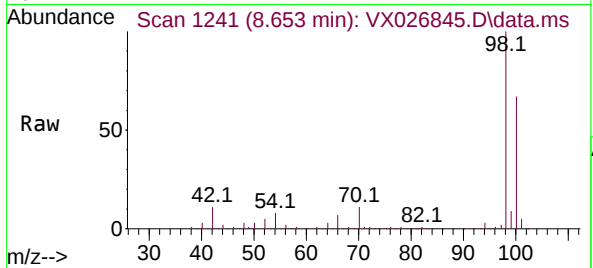




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

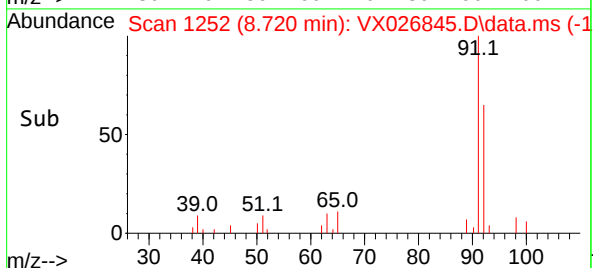
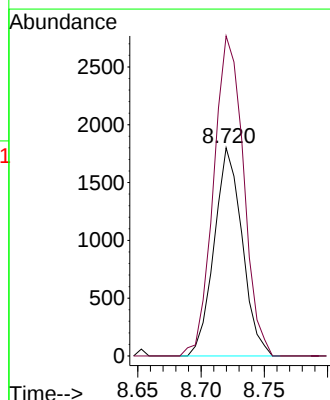
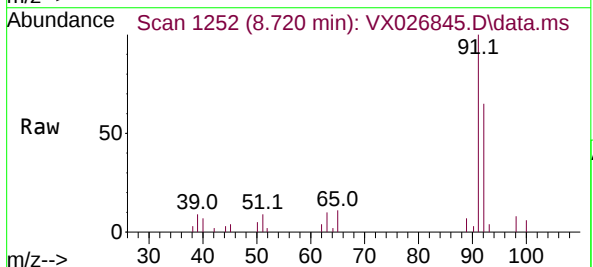
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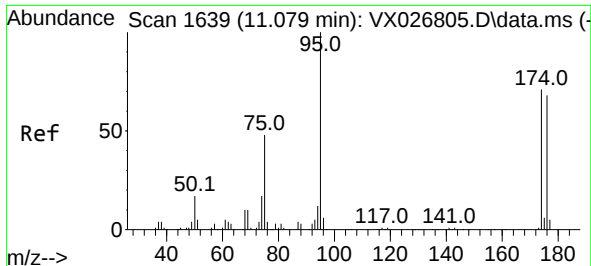
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 166.3 30.5 45.7#



#52
Toluene
Concen: 0.683 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 92 Resp: 2769
Ion Ratio Lower Upper
92 100
91 164.3 135.7 203.5

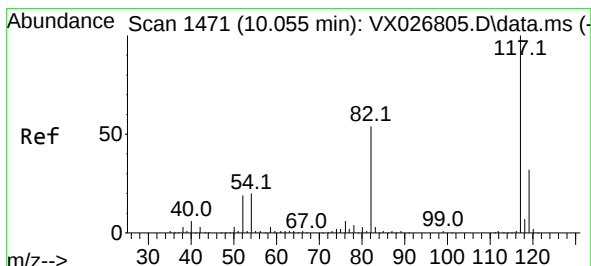
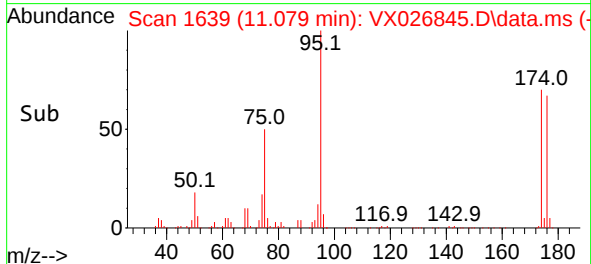
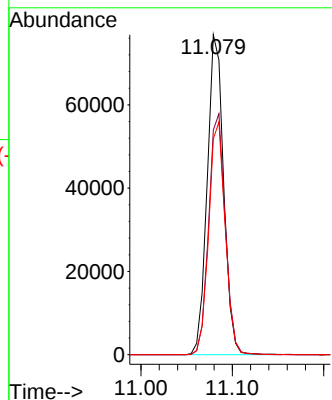
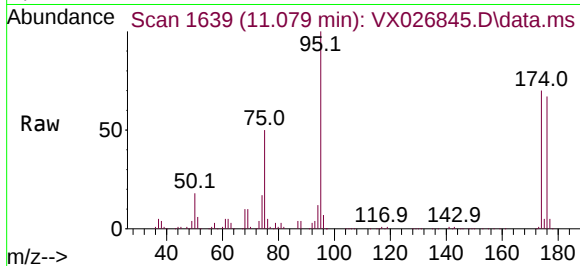




#62
4-Bromofluorobenzene
Concen: 53.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

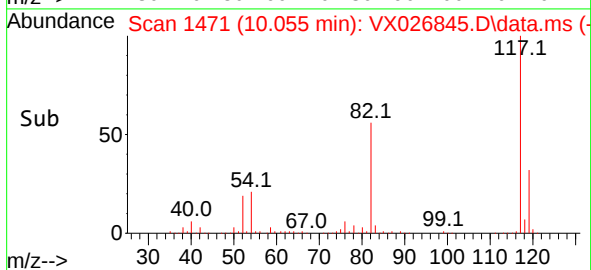
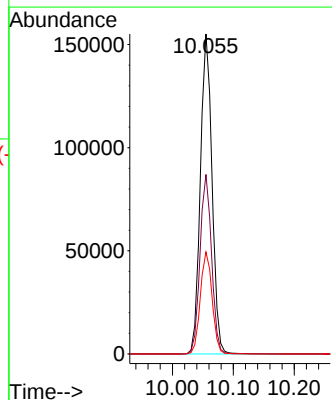
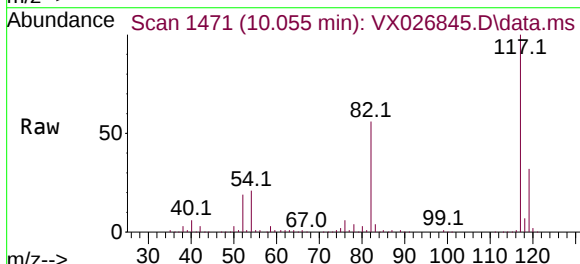
Instrument :
MSVOA_X
ClientSampleId :
31380

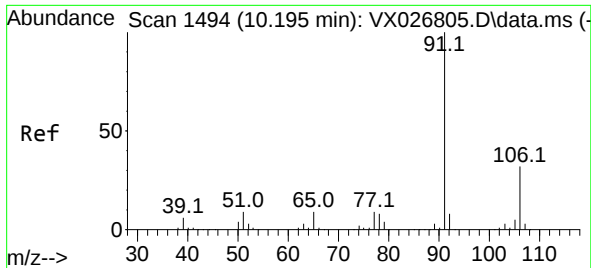
Tgt Ion: 95 Resp: 95698
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 117 Resp: 205578
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.9 26.2 39.2

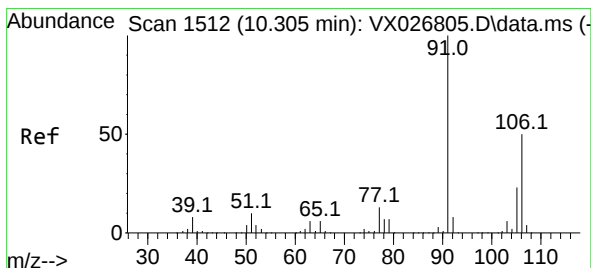
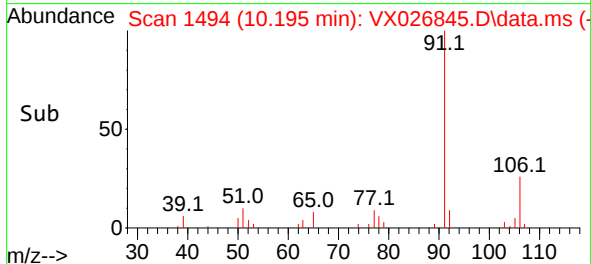
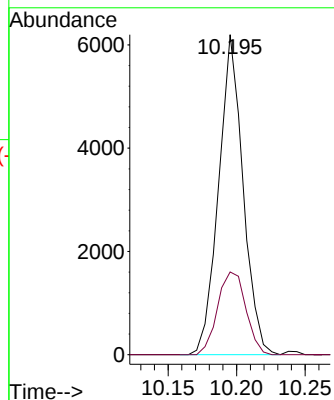
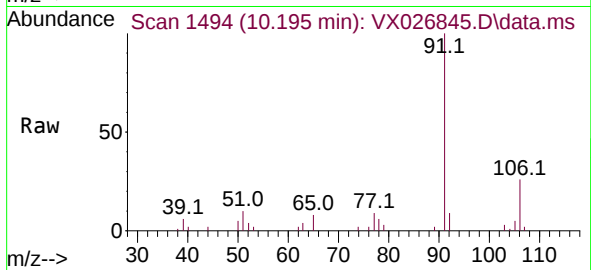




#67
Ethyl Benzene
Concen: 1.019 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

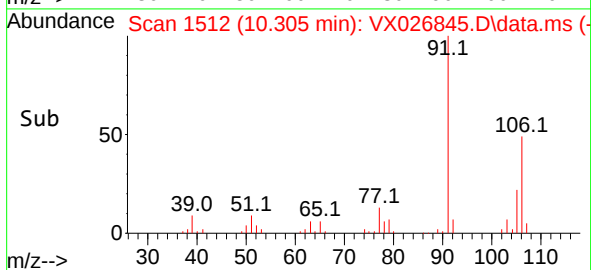
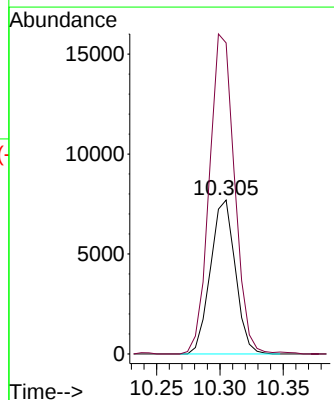
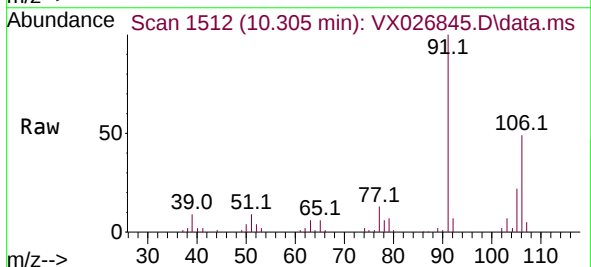
Instrument :
MSVOA_X
ClientSampleId :
31380

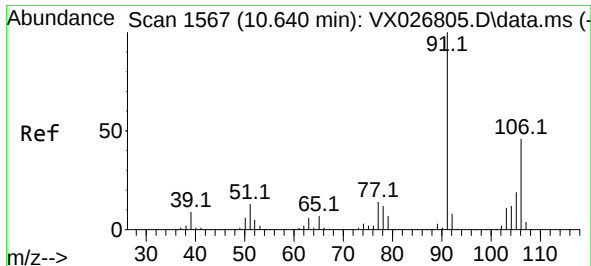
Tgt Ion: 91 Resp: 7666
Ion Ratio Lower Upper
91 100
106 25.8 24.7 37.1



#68
m/p-Xylenes
Concen: 3.627 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 106 Resp: 10501
Ion Ratio Lower Upper
106 100
91 211.6 165.3 247.9

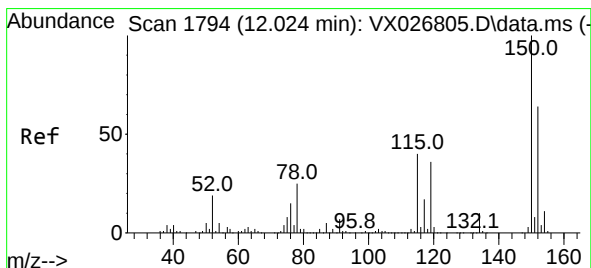
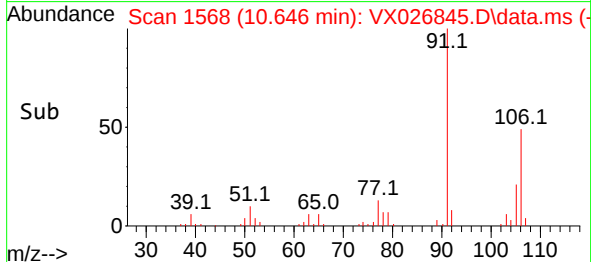
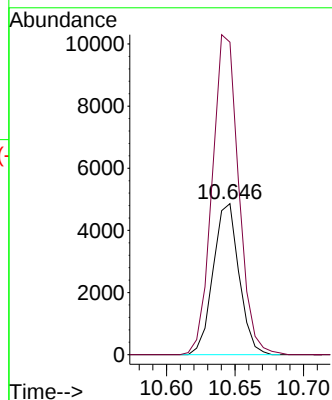
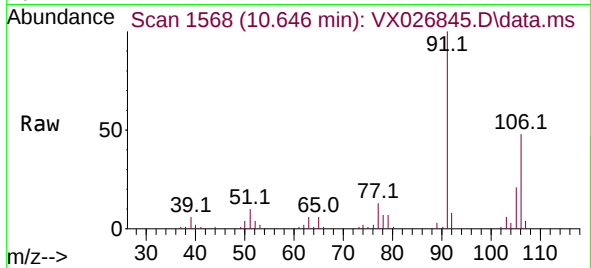




#69
o-Xylene
Concen: 2.249 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

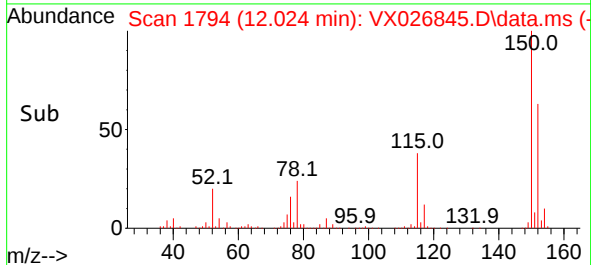
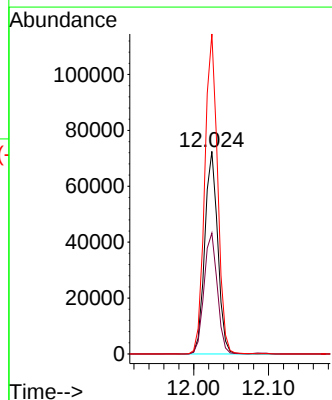
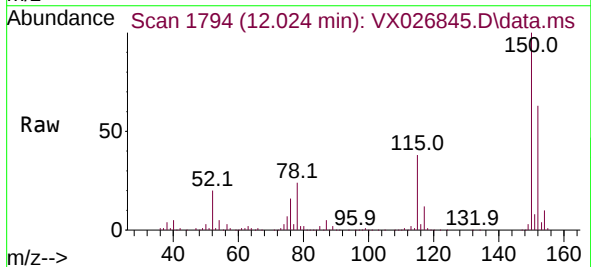
Instrument :
MSVOA_X
ClientSampleId :
31380

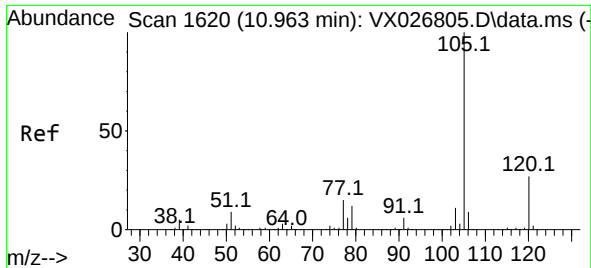
Tgt Ion:106 Resp: 6380
Ion Ratio Lower Upper
106 100
91 217.3 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:152 Resp: 86979
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.2 0.0 348.2

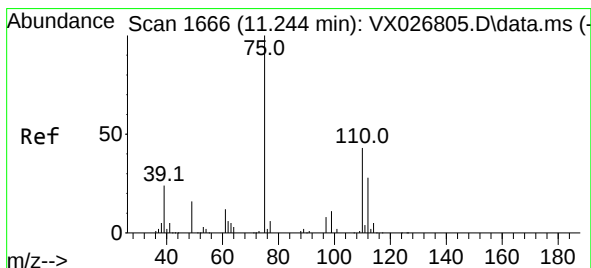
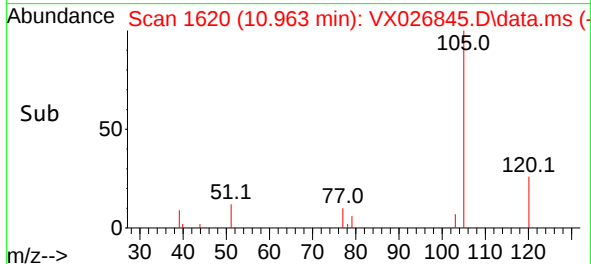
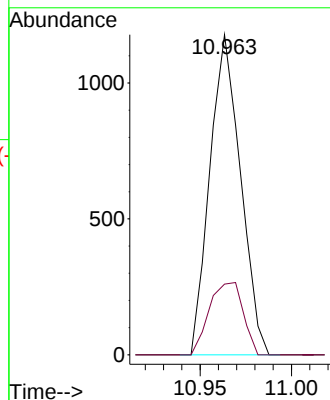
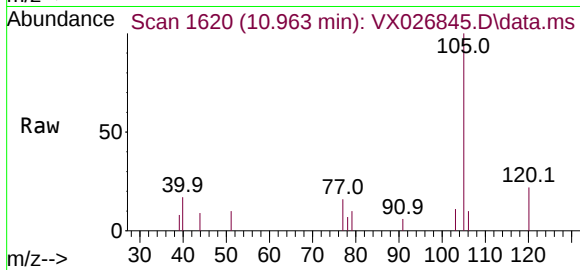




#73
Isopropylbenzene
Concen: 0.201 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

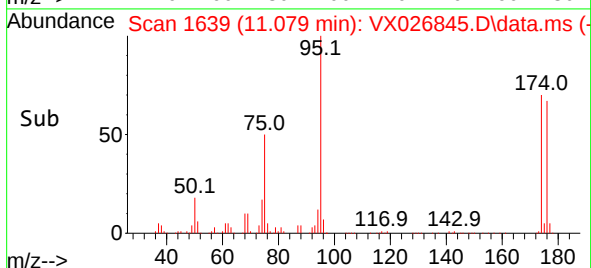
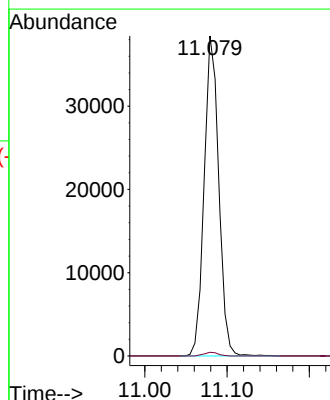
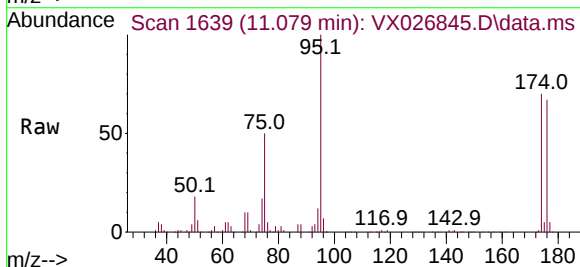
Instrument :
MSVOA_X
ClientSampleId :
31380

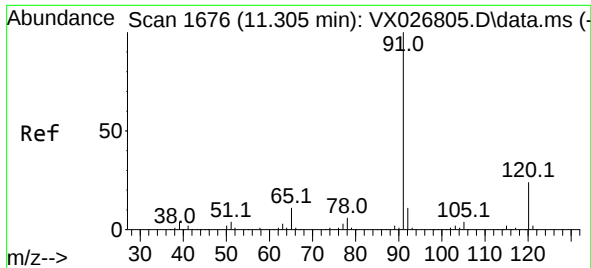
Tgt Ion:105 Resp: 1375
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 24.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 75 Resp: 47356
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

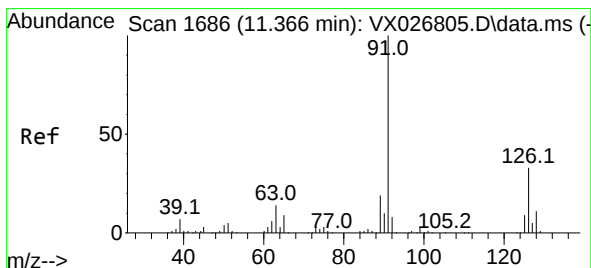
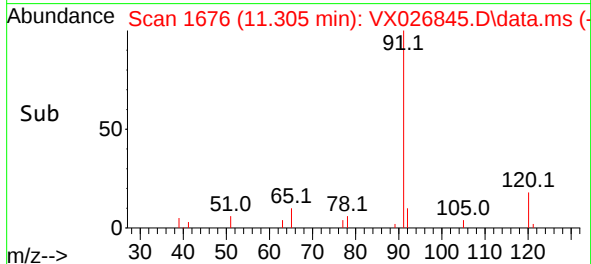
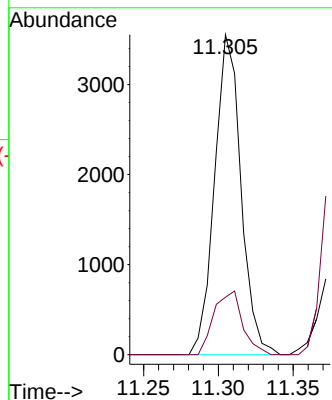
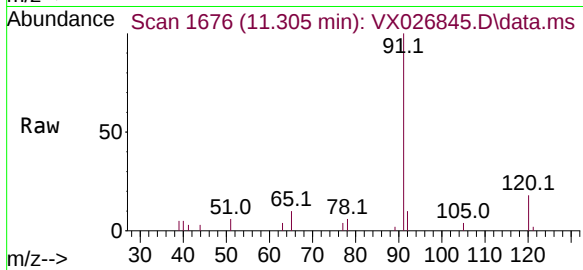




#78
n-propylbenzene
Concen: 0.574 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

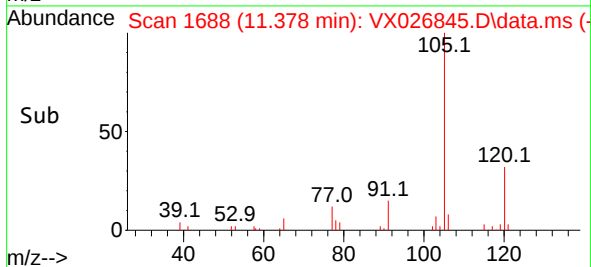
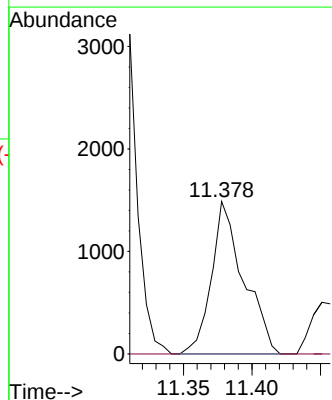
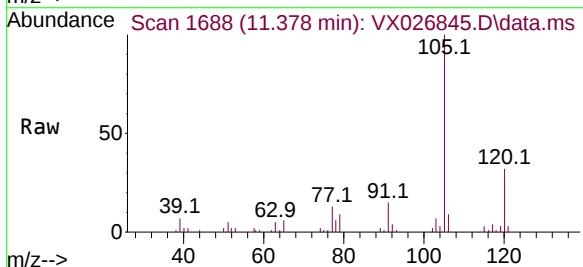
Instrument :
MSVOA_X
ClientSampleId :
31380

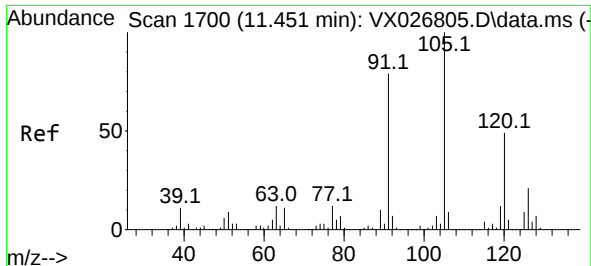
Tgt Ion: 91 Resp: 4359
Ion Ratio Lower Upper
91 100
120 21.6 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.518 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 91 Resp: 2431
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

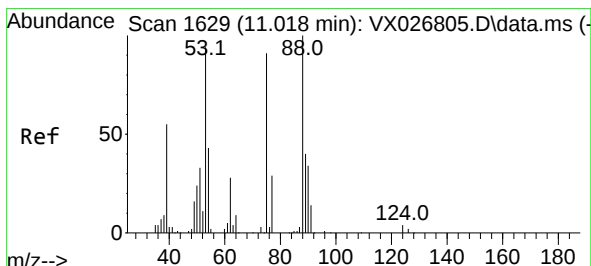
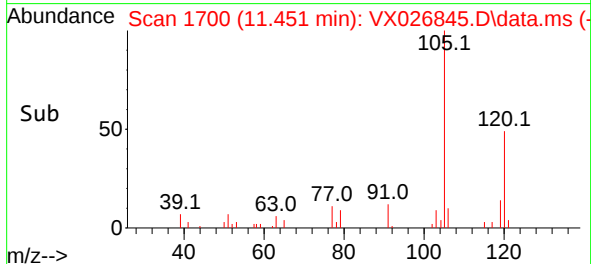
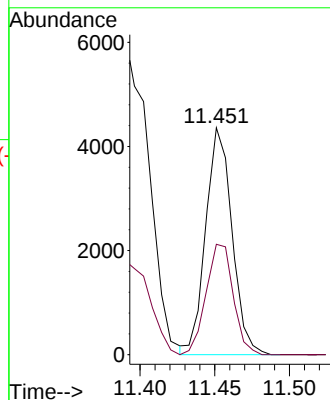
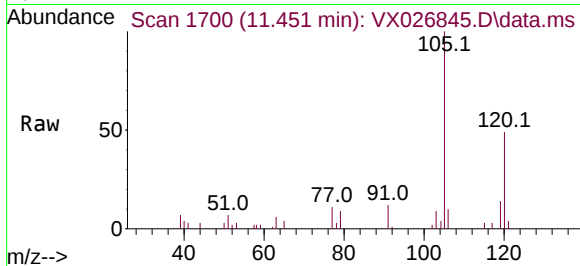




#80
1,3,5-Trimethylbenzene
Concen: 0.947 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

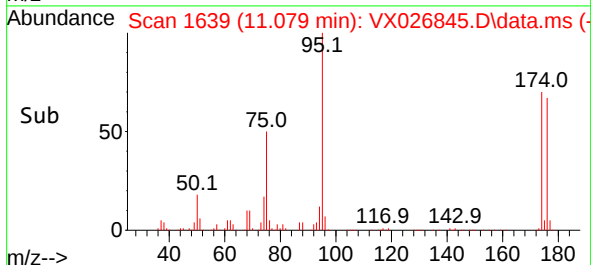
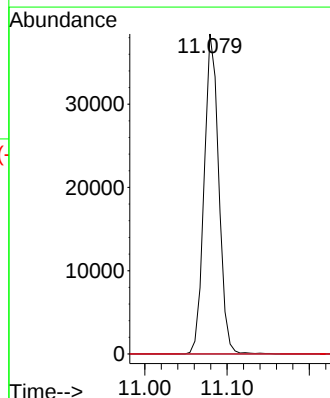
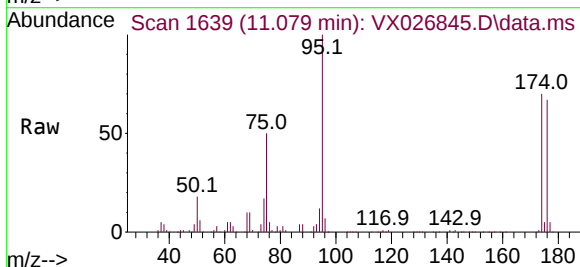
Instrument :
MSVOA_X
ClientSampleId :
31380

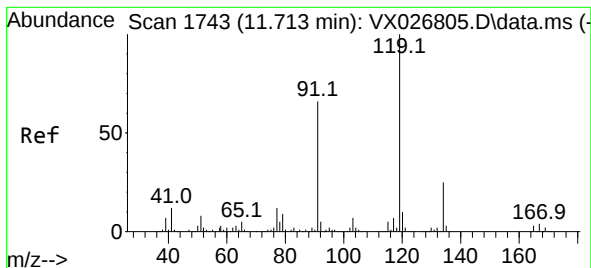
Tgt Ion:105 Resp: 5338
Ion Ratio Lower Upper
105 100
120 50.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 75 Resp: 47356
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#83

tert-Butylbenzene

Concen: 0.492 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.043 min

Lab File: VX026845.D

Acq: 09 Feb 2022 00:52

Instrument :

MSVOA_X

ClientSampleId :

31380

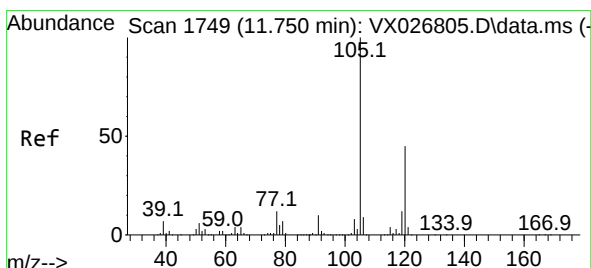
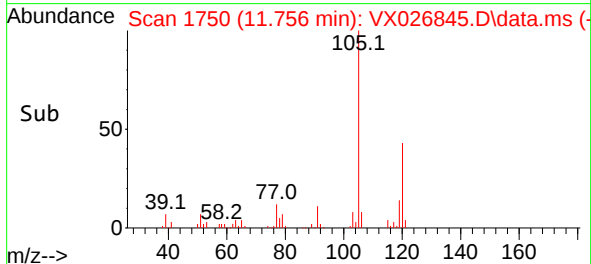
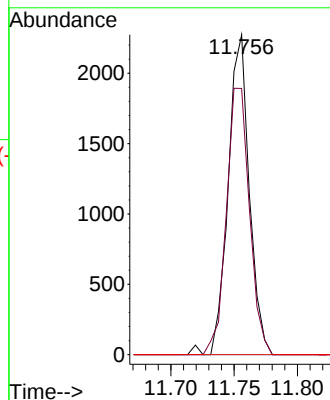
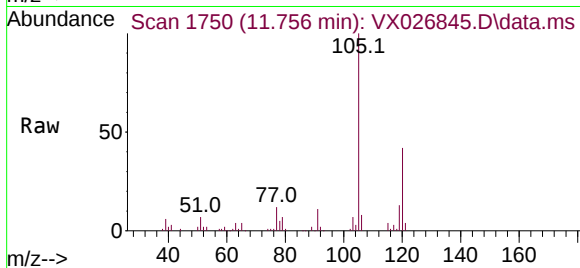
Tgt Ion:119 Resp: 2643

Ion Ratio Lower Upper

119 100

91 91.1 31.4 94.0

134 0.0 11.8 35.3#



#84

1,2,4-Trimethylbenzene

Concen: 3.972 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX026845.D

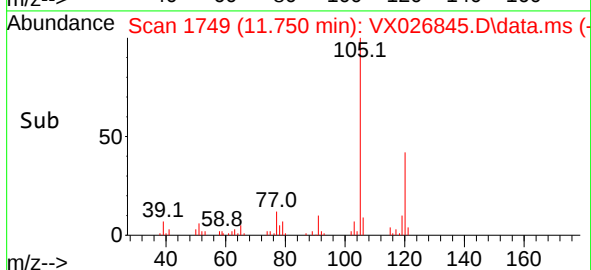
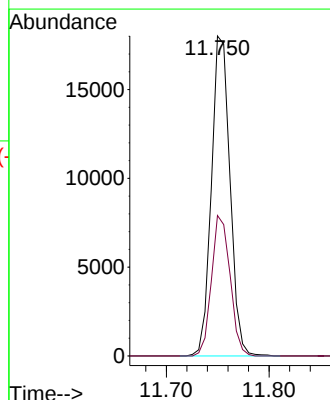
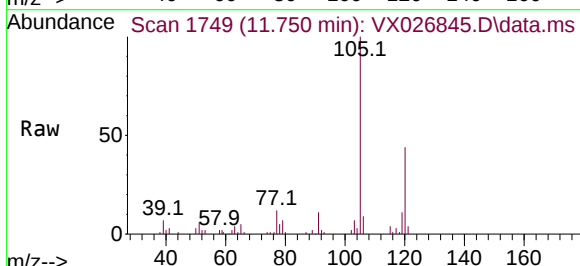
Acq: 09 Feb 2022 00:52

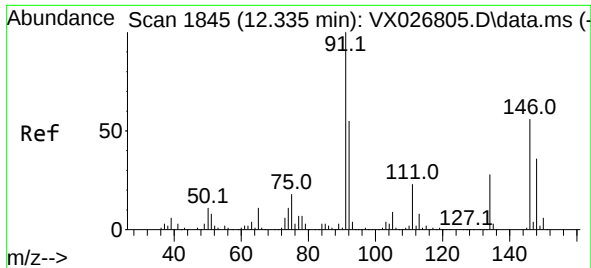
Tgt Ion:105 Resp: 22589

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.5

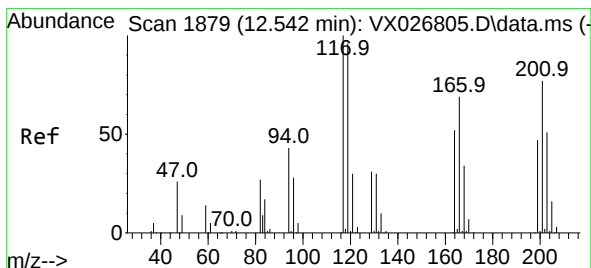
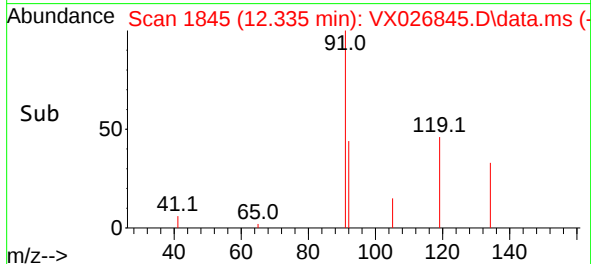
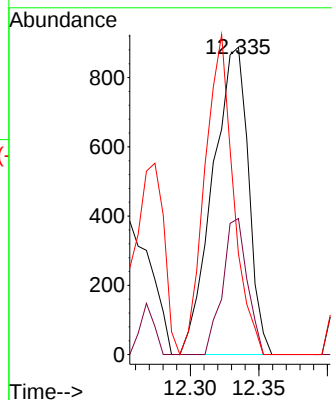
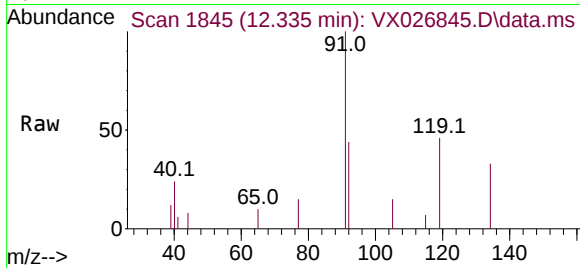




#89
n-Butylbenzene
Concen: 0.341 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

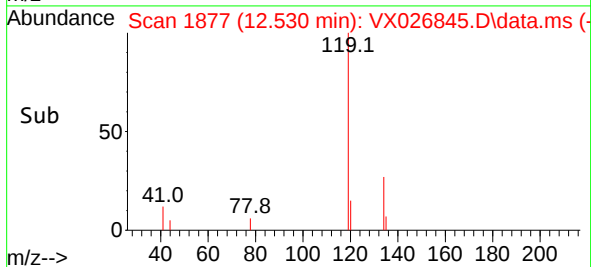
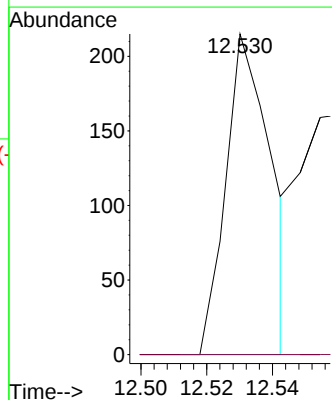
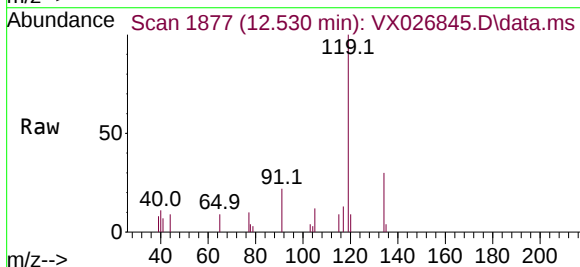
Instrument :
MSVOA_X
ClientSampleId :
31380

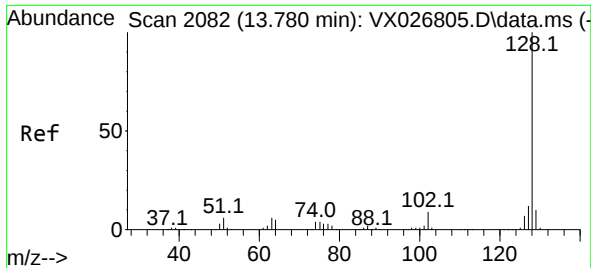
Tgt Ion: 91 Resp: 1610
Ion Ratio Lower Upper
91 100
92 30.6 27.2 81.6
134 83.1 13.1 39.1#



#90
Hexachloroethane
Concen: 0.247 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 117 Resp: 206
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#





#95

Naphthalene

Concen: 0.561 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX026845.D

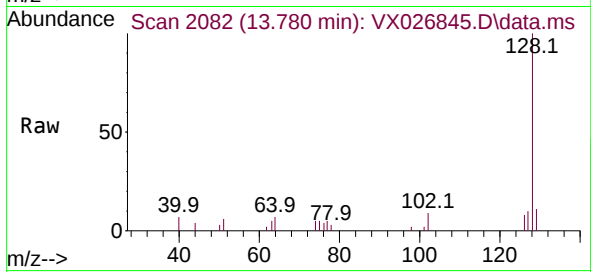
Acq: 09 Feb 2022 00:52

Instrument :

MSVOA_X

ClientSampleId :

31380



Tgt Ion:128 Resp: 3569

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 11.2 8.7 13.1

