

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027459.D
 Acq On : 15 Mar 2022 19:53
 Operator : JC/MD
 Sample : N1924-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33583

Quant Time: Mar 16 04:22:07 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)

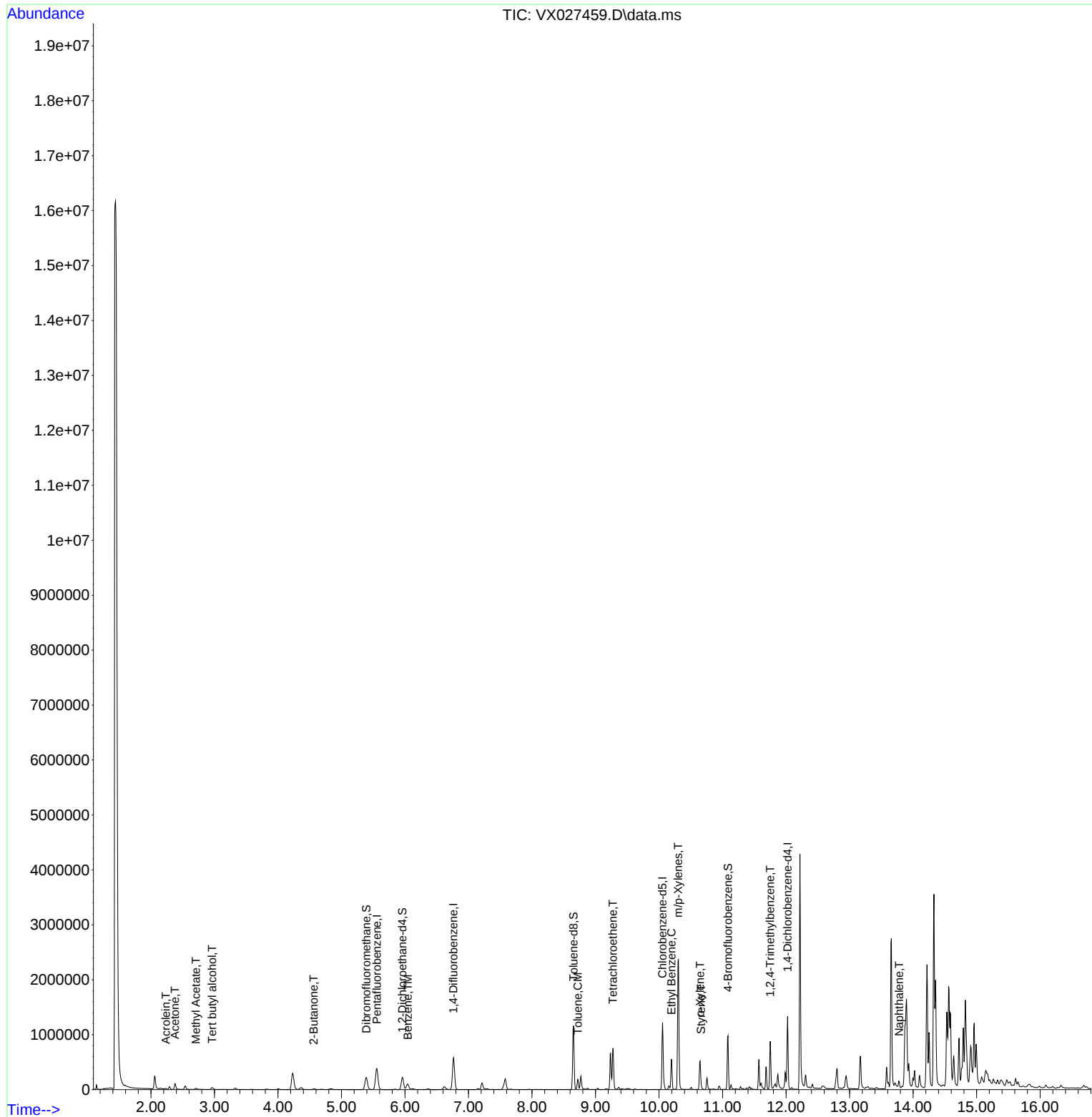
Internal Standards						
1) Pentafluorobenzene	5.556	168	372027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	555155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220181	50.752	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.500%
35) Dibromofluoromethane	5.391	113	193323	49.624	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.240%
50) Toluene-d8	8.653	98	709811	48.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.085	95	265351	47.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	39375	46.296	ug/l	100
13) Acrolein	2.233	56	10762	18.052	ug/l	99
16) Acetone	2.380	43	106786	61.330	ug/l	96
18) Methyl Acetate	2.709	43	30639	6.424	ug/l	98
25) 2-Butanone	4.562	43	20414	6.831	ug/l	95
40) Benzene	6.043	78	125433	7.614	ug/l	100
52) Toluene	8.720	92	68960	6.566	ug/l	99
64) Tetrachloroethene	9.275	164	140088	36.008	ug/l	97
67) Ethyl Benzene	10.195	91	311665	15.473	ug/l	99
68) m/p-Xylenes	10.299	106	550283	69.651	ug/l	99
69) o-Xylene	10.646	106	108618	13.925	ug/l	96
70) Styrene	10.659	104	43371	3.350	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.750	105	244738	14.781	ug/l #	37
95) Naphthalene	13.780	128	79135	3.945	ug/l	99

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

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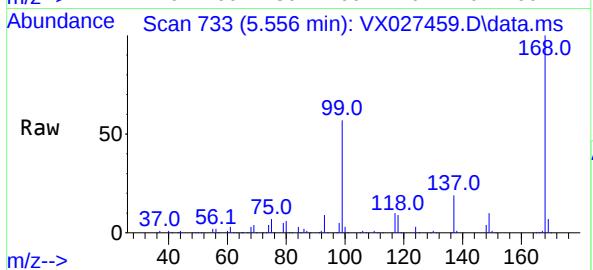
Quant Time: Mar 16 04:22:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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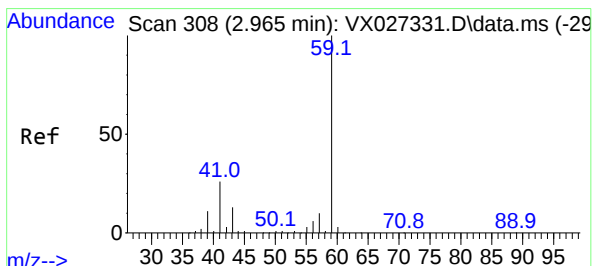
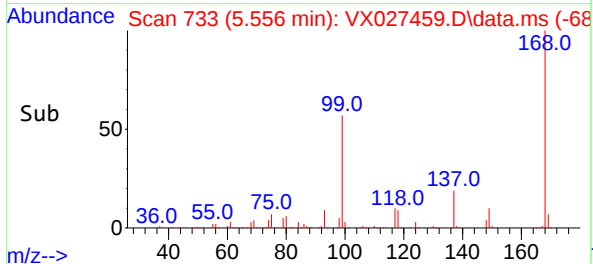
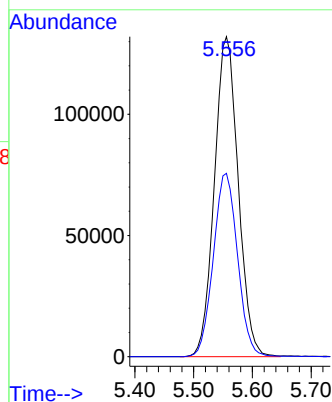


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
33583

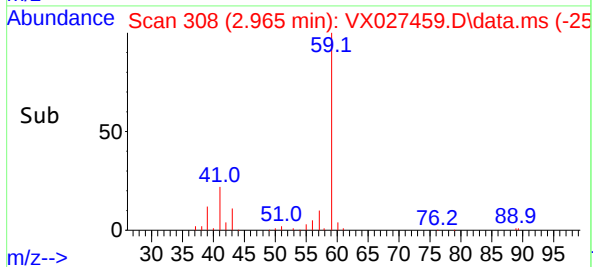
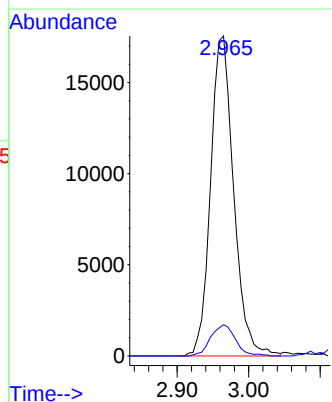
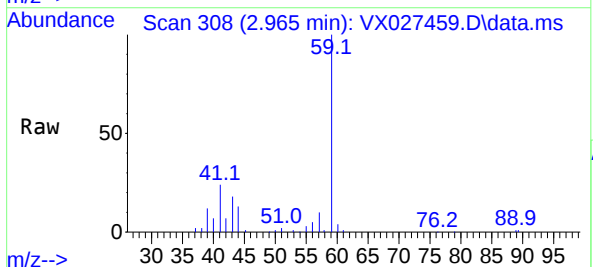


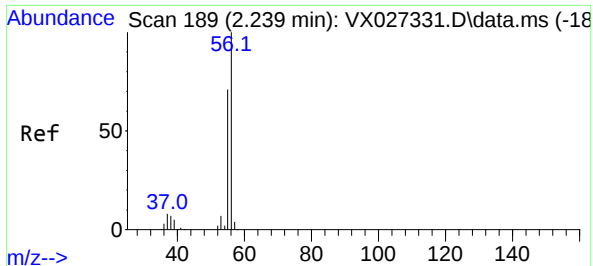
Tgt Ion:168 Resp: 372027
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 46.296 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 59 Resp: 39375
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

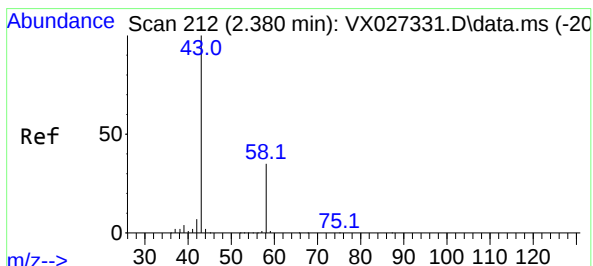
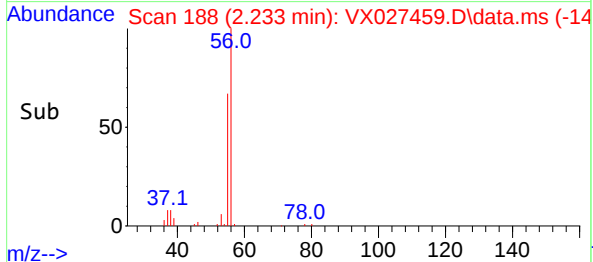
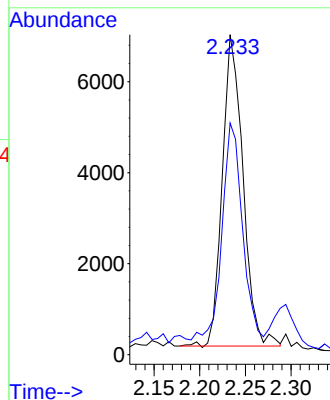
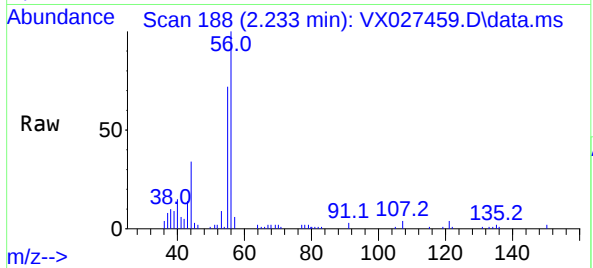




#13
Acrolein
Concen: 18.052 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

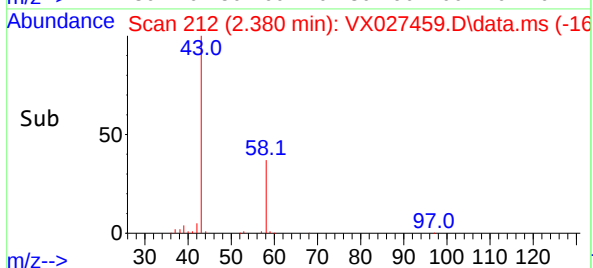
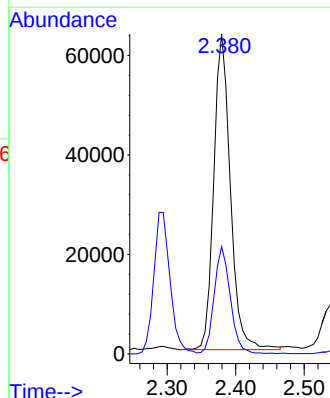
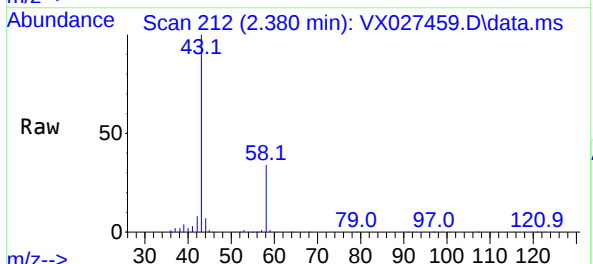
Instrument :
MSVOA_X
ClientSampleId :
33583

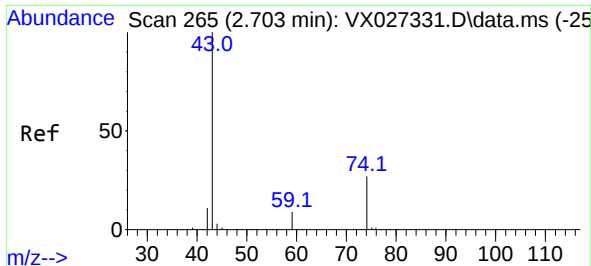
Tgt Ion: 56 Resp: 10762
Ion Ratio Lower Upper
56 100
55 69.3 55.0 82.6



#16
Acetone
Concen: 61.330 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 43 Resp: 106786
Ion Ratio Lower Upper
43 100
58 33.8 28.8 43.2





#18

Methyl Acetate

Concen: 6.424 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX027459.D

Acq: 15 Mar 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

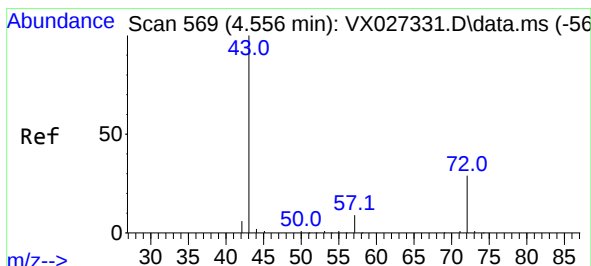
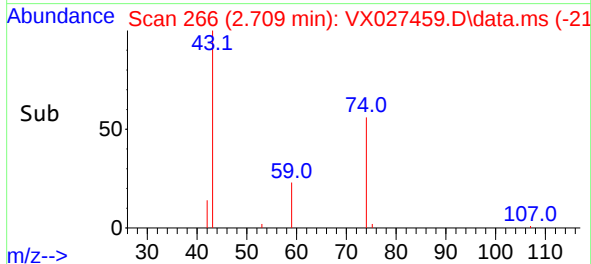
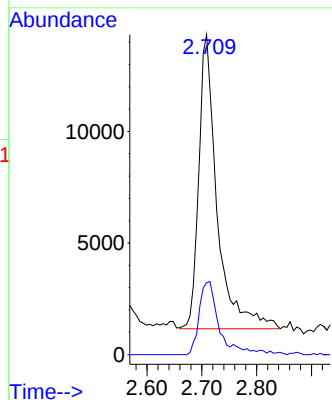
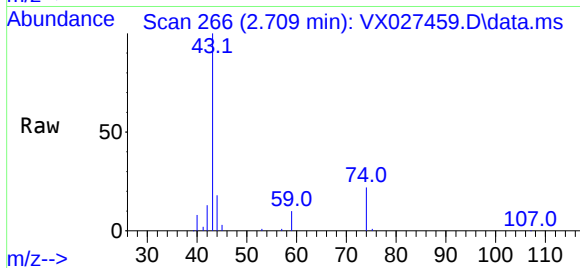
33583

Tgt Ion: 43 Resp: 30639

Ion Ratio Lower Upper

43 100

74 27.5 22.8 34.2



#25

2-Butanone

Concen: 6.831 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX027459.D

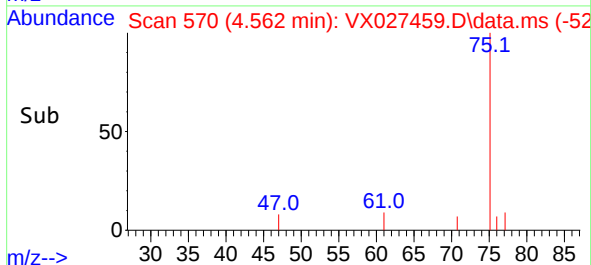
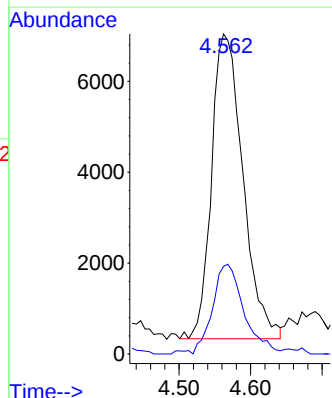
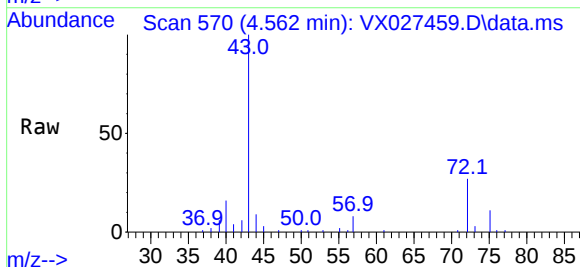
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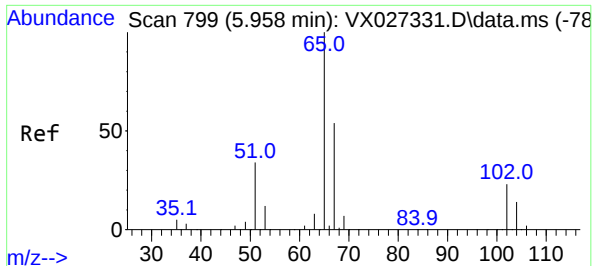
Tgt Ion: 43 Resp: 20414

Ion Ratio Lower Upper

43 100

72 27.8 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 50.752 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027459.D

Acq: 15 Mar 2022 19:53

Instrument :

MSVOA_X

ClientSampleId :

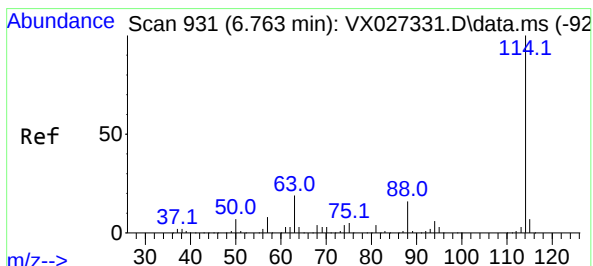
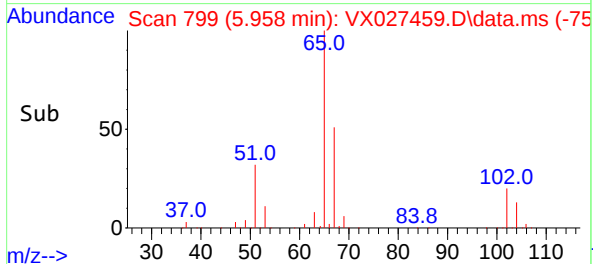
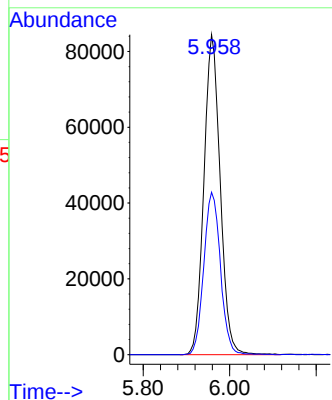
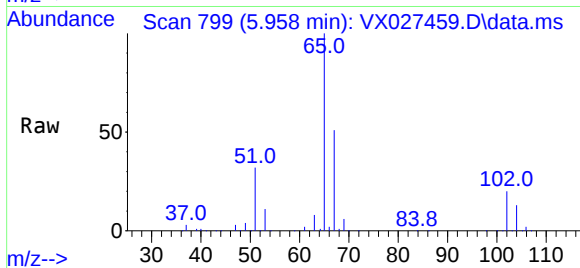
33583

Tgt Ion: 65 Resp: 220181

Ion Ratio Lower Upper

65 100

67 51.9 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: VX027459.D

Acq: 15 Mar 2022 19:53

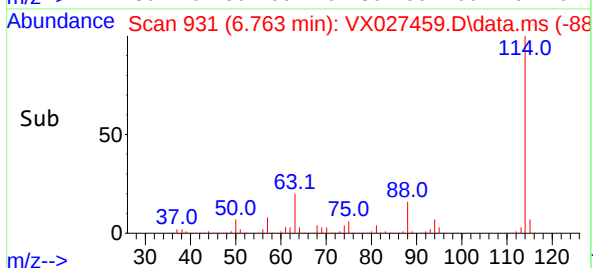
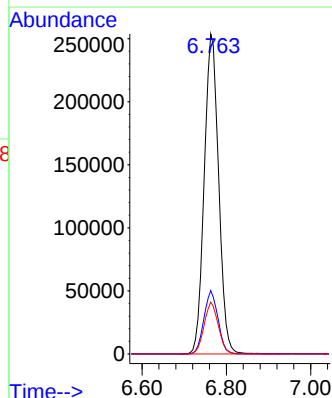
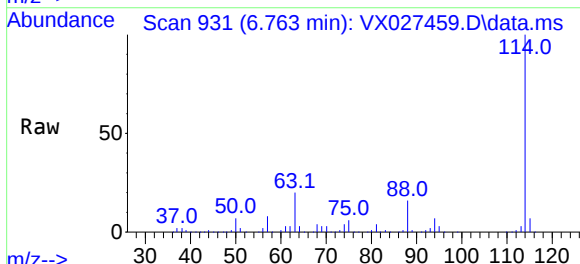
Tgt Ion: 114 Resp: 603748

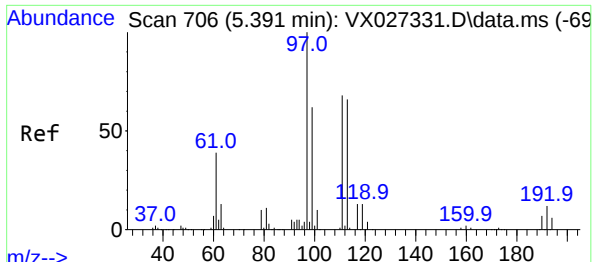
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.2 0.0 32.4

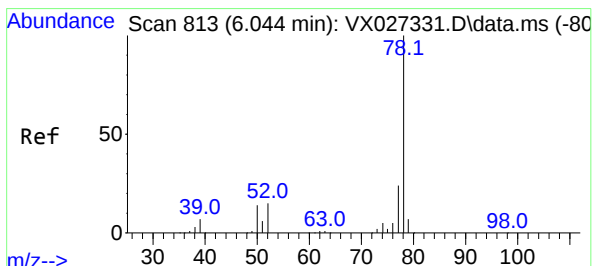
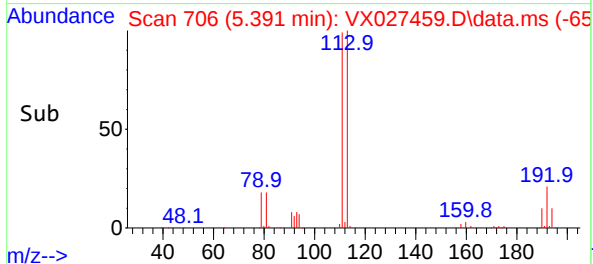
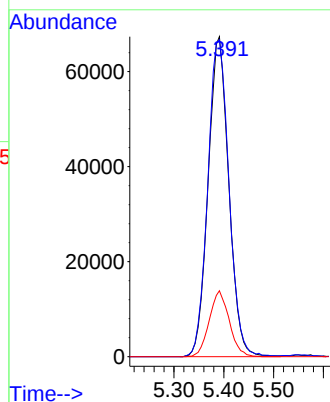
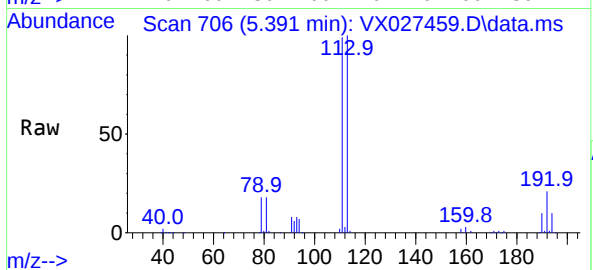




#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

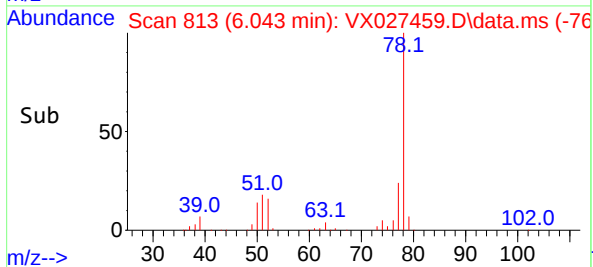
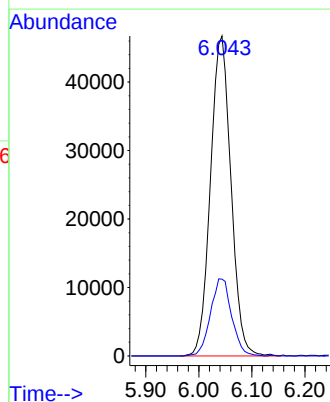
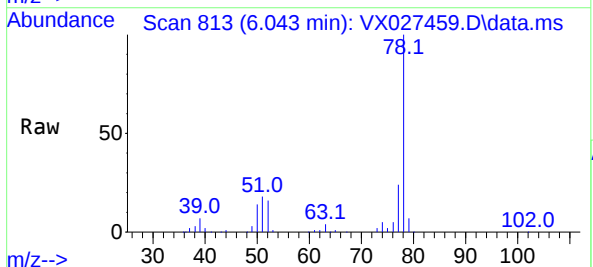
Instrument :
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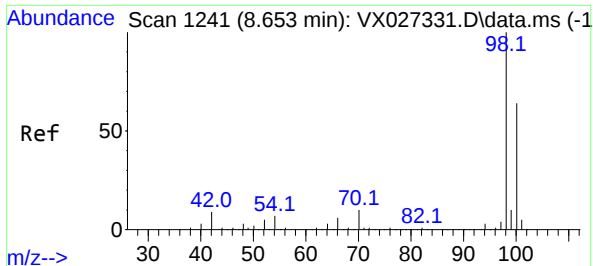
Tgt Ion:113 Resp: 193323
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.0 16.9 25.3



#40
Benzene
Concen: 7.614 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 78 Resp: 125433
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

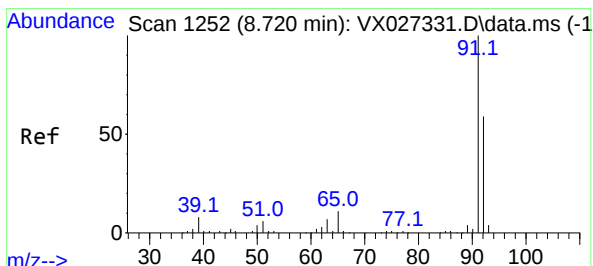
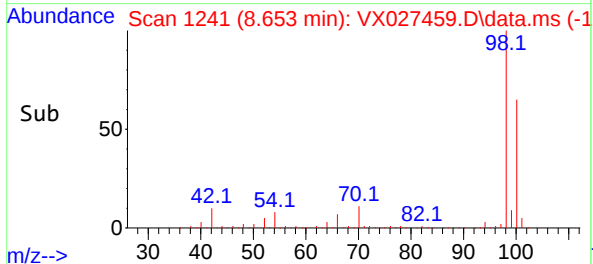
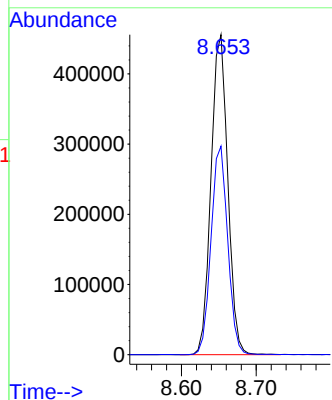
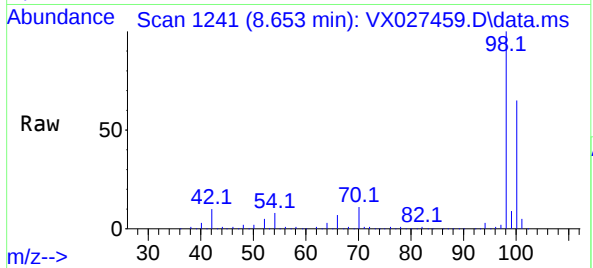




#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

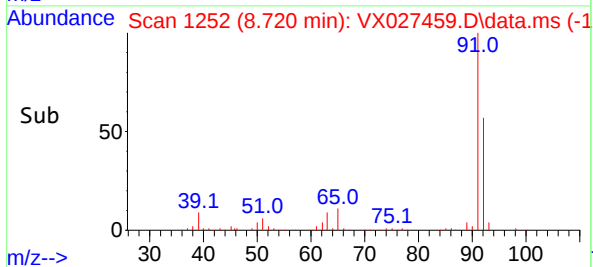
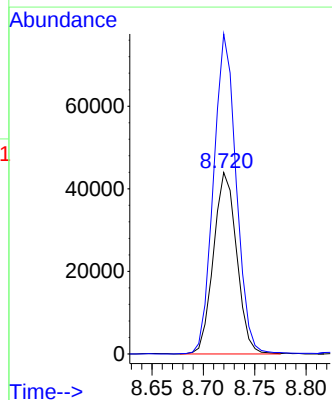
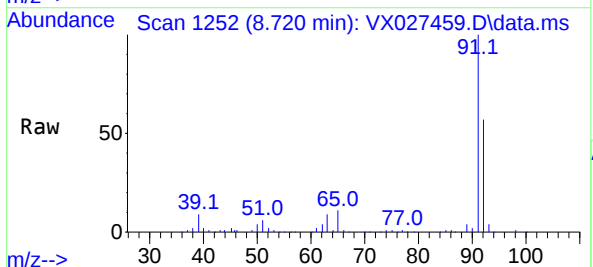
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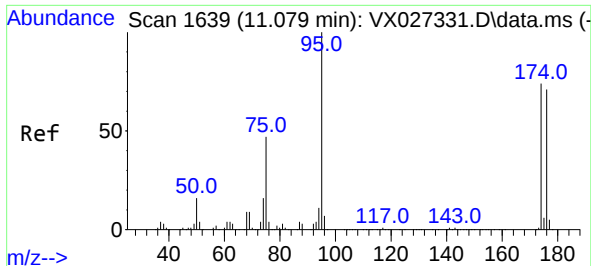
Tgt Ion: 98 Resp: 709811
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 6.566 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 92 Resp: 68960
Ion Ratio Lower Upper
92 100
91 172.7 137.5 206.3

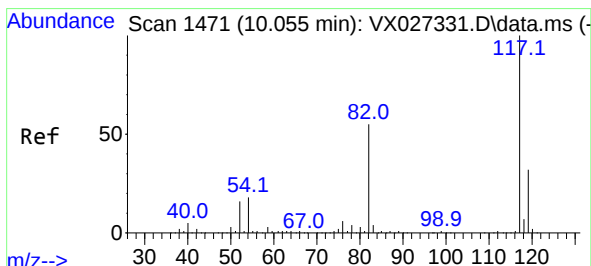
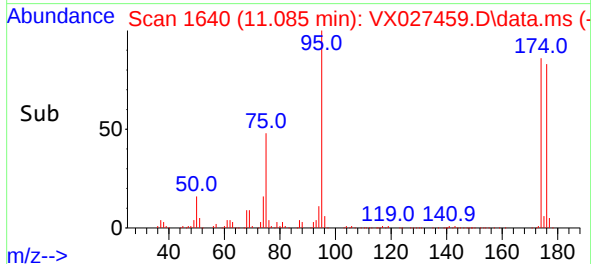
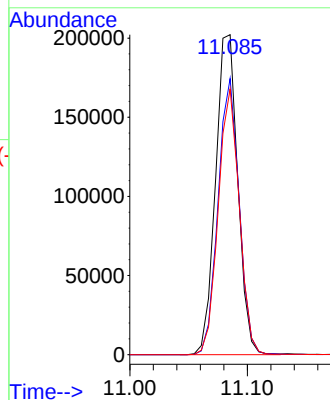
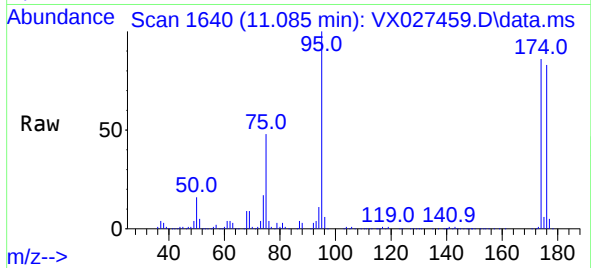




#62
4-Bromofluorobenzene
Concen: 47.338 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

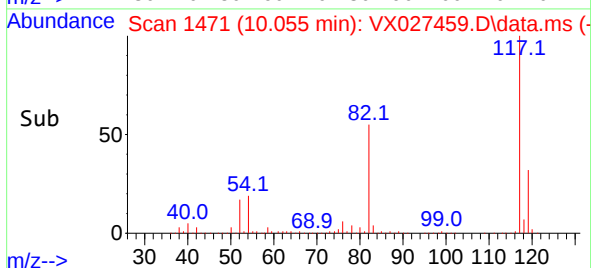
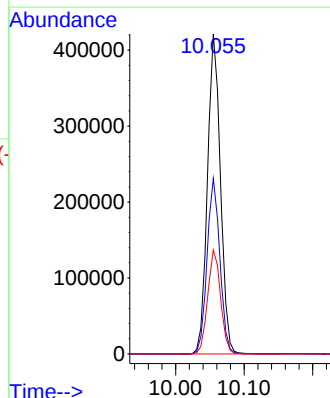
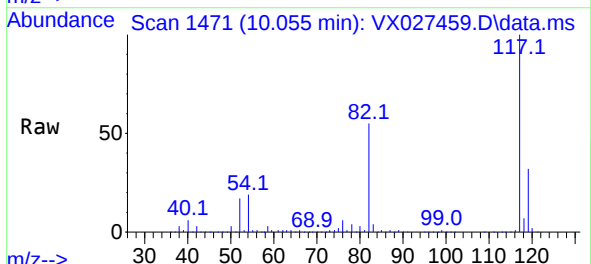
Instrument :
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33583

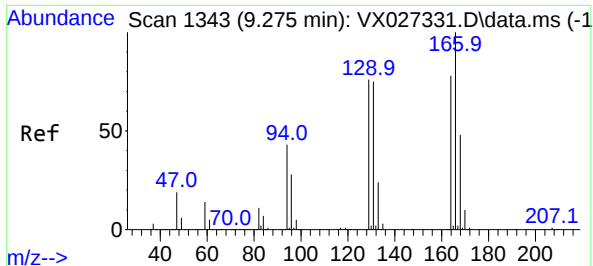
Tgt Ion: 95 Resp: 265351
Ion Ratio Lower Upper
95 100
174 82.1 0.0 163.0
176 78.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 117 Resp: 555155
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.5 24.8 37.2

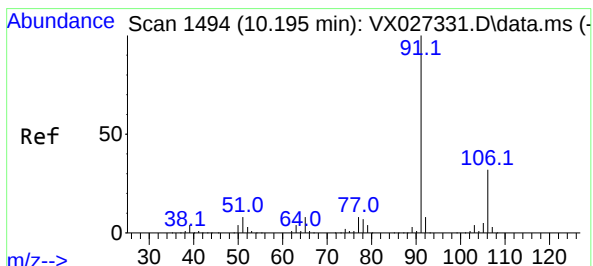
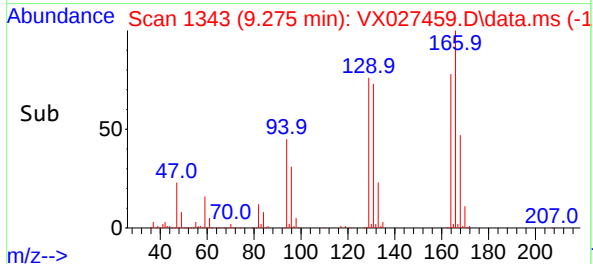
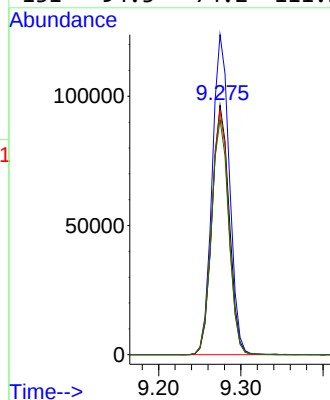
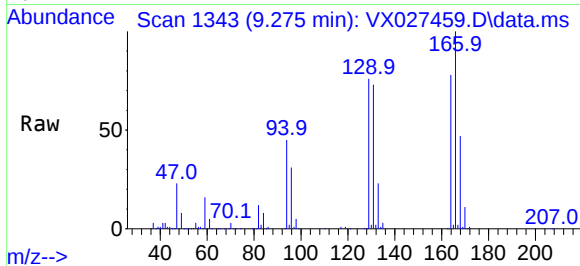




#64
Tetrachloroethene
Concen: 36.008 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

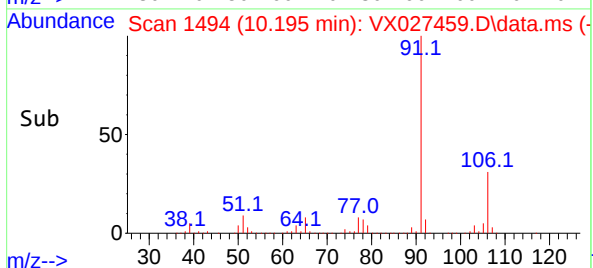
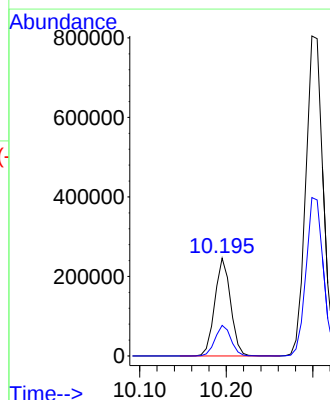
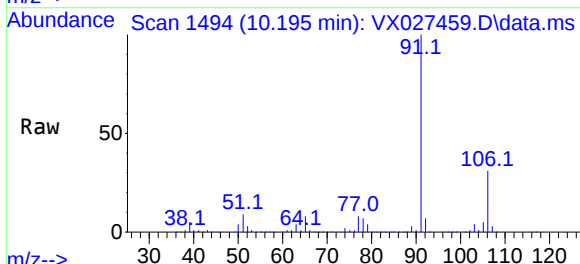
Instrument :
MSVOA_X
ClientSampleId :
33583

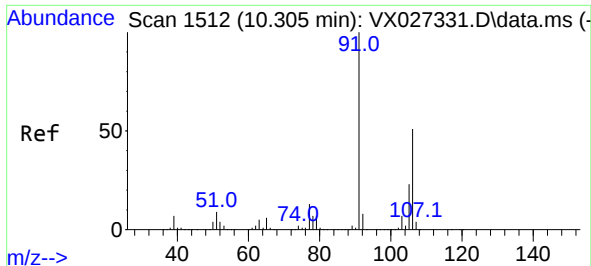
Tgt Ion:164 Resp: 140088
Ion Ratio Lower Upper
164 100
166 128.3 101.2 151.8
129 97.8 73.0 109.4
131 94.3 74.2 111.2



#67
Ethyl Benzene
Concen: 15.473 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion: 91 Resp: 311665
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

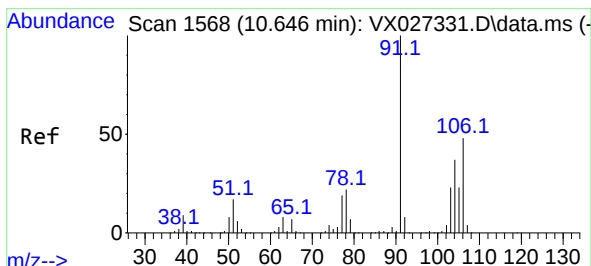
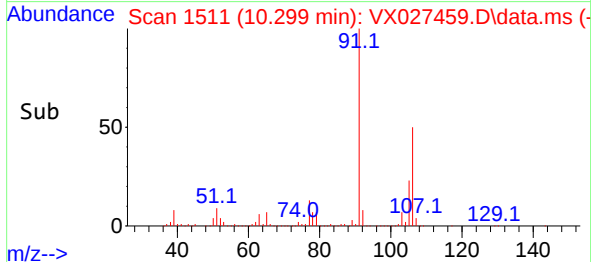
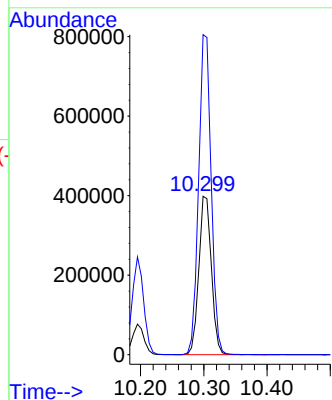
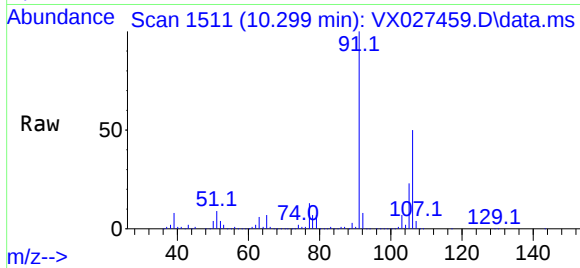




#68
m/p-Xylenes
Concen: 69.651 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

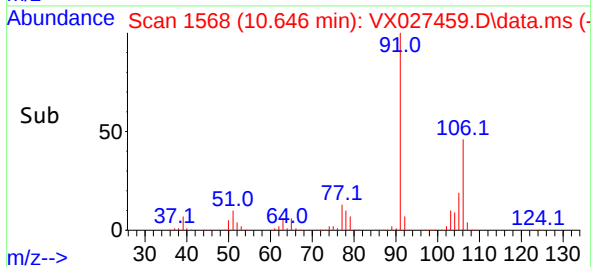
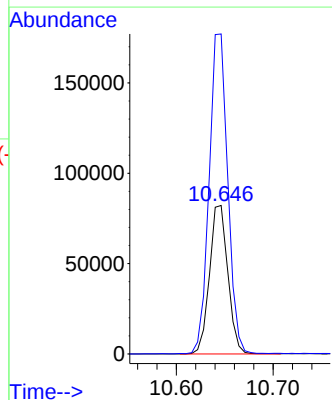
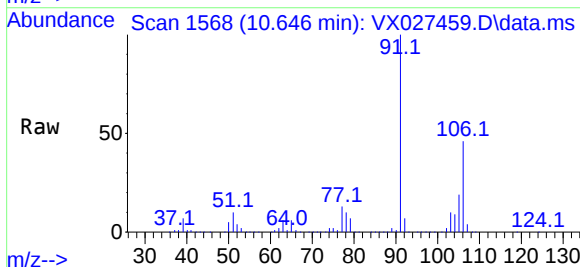
Instrument :
MSVOA_X
ClientSampleId :
33583

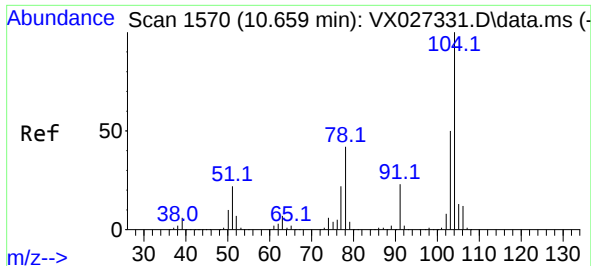
Tgt Ion:106 Resp: 550283
Ion Ratio Lower Upper
106 100
91 202.2 160.4 240.6



#69
o-Xylene
Concen: 13.925 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion:106 Resp: 108618
Ion Ratio Lower Upper
106 100
91 218.5 106.1 318.1

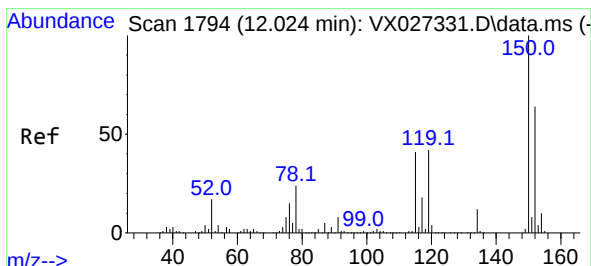
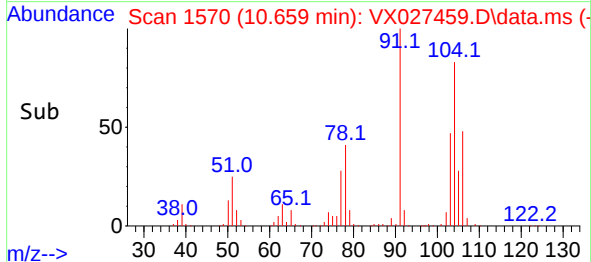
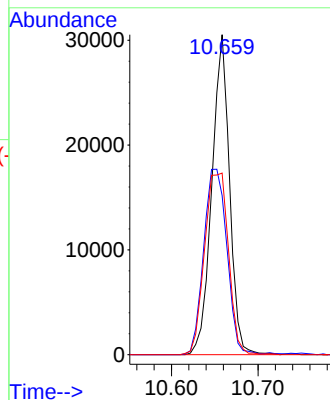
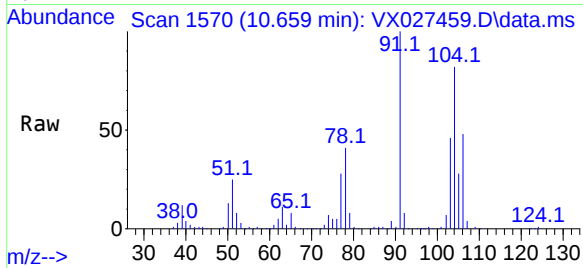




#70
Styrene
Concen: 3.350 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

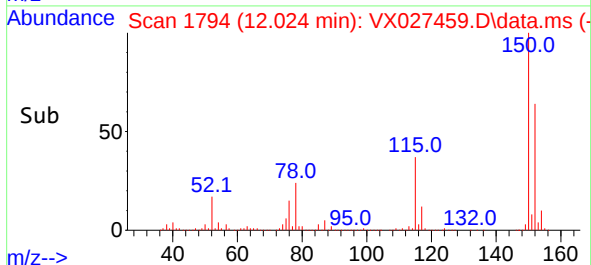
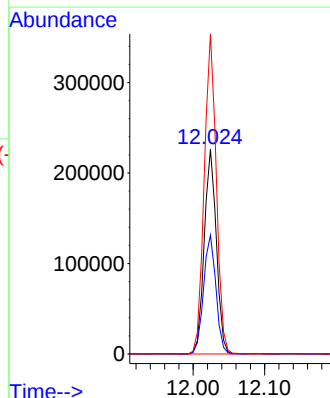
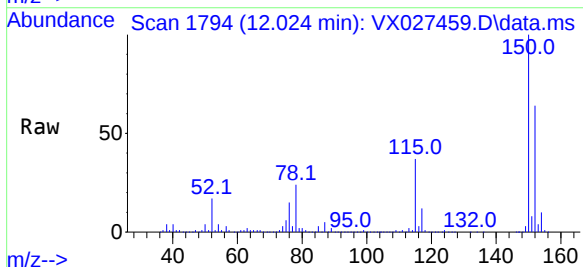
Instrument :
MSVOA_X
ClientSampleId :
33583

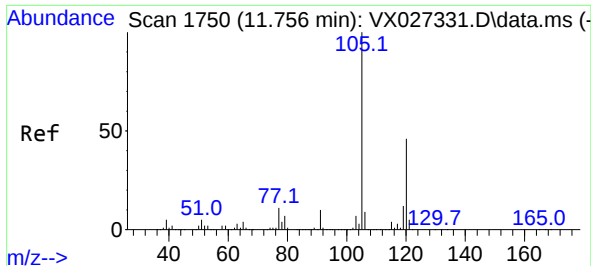
Tgt Ion:104 Resp: 43371
Ion Ratio Lower Upper
104 100
78 75.9 38.6 57.8#
103 76.8 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion:152 Resp: 266245
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 156.0 0.0 338.2

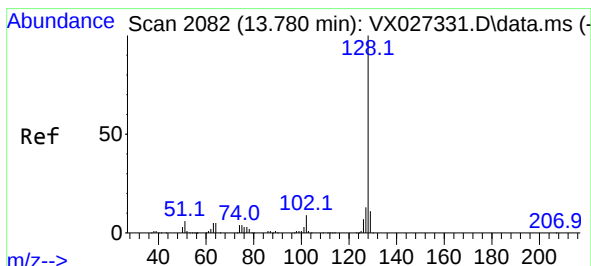
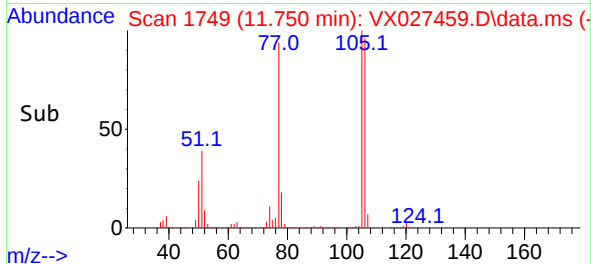
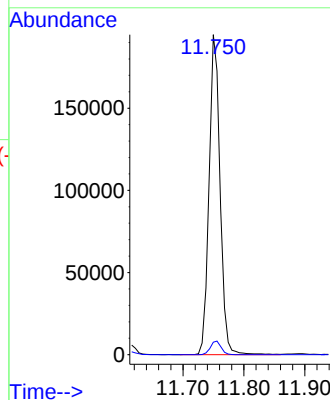
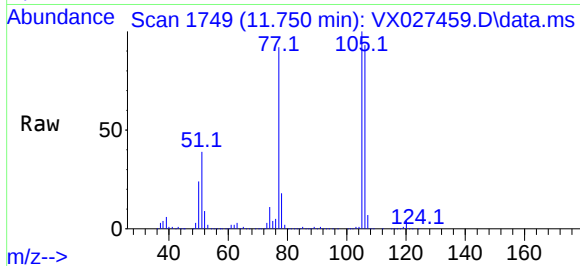




#84
1,2,4-Trimethylbenzene
Concen: 14.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Instrument :
MSVOA_X
ClientSampleId :
33583

Tgt Ion:105 Resp: 244738
Ion Ratio Lower Upper
105 100
120 4.1 22.6 67.8#



#95
Naphthalene
Concen: 3.945 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027459.D
Acq: 15 Mar 2022 19:53

Tgt Ion:128 Resp: 79135
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.4 8.7 13.1

