

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027452.D
 Acq On : 15 Mar 2022 17:08
 Operator : JC/MD
 Sample : N1924-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33585

Quant Time: Mar 16 04:19:52 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)

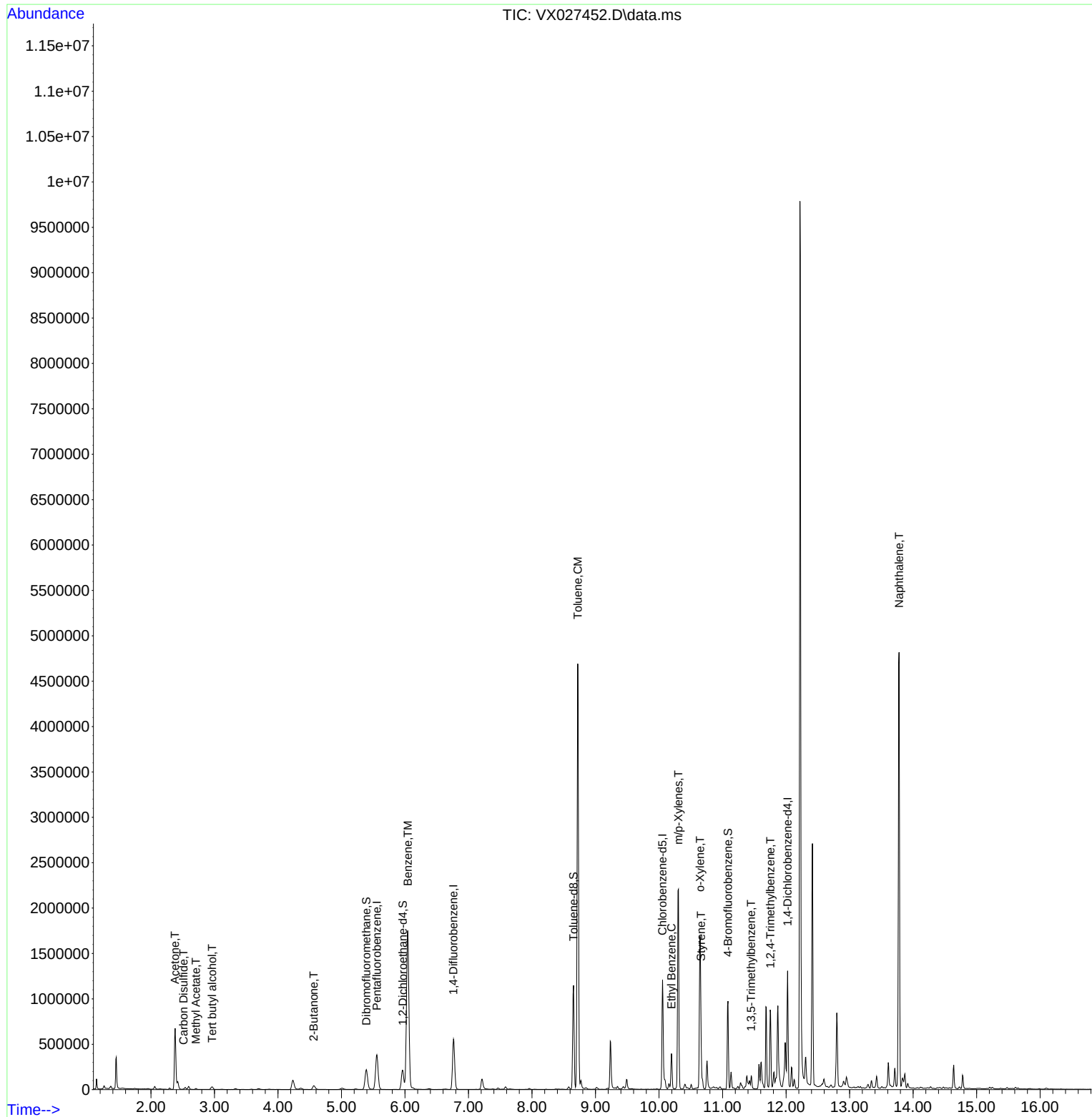
Internal Standards						
1) Pentafluorobenzene	5.556	168	384910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	590039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	212188	47.272	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.540%
35) Dibromofluoromethane	5.391	113	195970	51.472	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.940%
50) Toluene-d8	8.653	98	698053	48.565	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.085	95	264086	48.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	33118	37.636	ug/l	97
16) Acetone	2.380	43	675783	390.084	ug/l	96
17) Carbon Disulfide	2.514	76	4661	0.460	ug/l	98
18) Methyl Acetate	2.709	43	12729	2.580	ug/l	97
25) 2-Butanone	4.562	43	68568	22.177	ug/l	96
40) Benzene	6.044	78	2212577	137.427	ug/l	99
52) Toluene	8.720	92	1795740	174.959	ug/l	98
67) Ethyl Benzene	10.195	91	224088	11.230	ug/l	99
68) m/p-Xylenes	10.305	106	537164	68.629	ug/l	100
69) o-Xylene	10.646	106	319585	41.356	ug/l	99
70) Styrene	10.659	104	272521	21.246	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	58172	3.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	323436	20.041	ug/l	75
95) Naphthalene	13.780	128	3064709	156.761	ug/l	99

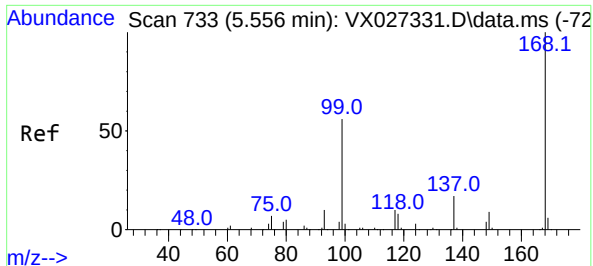
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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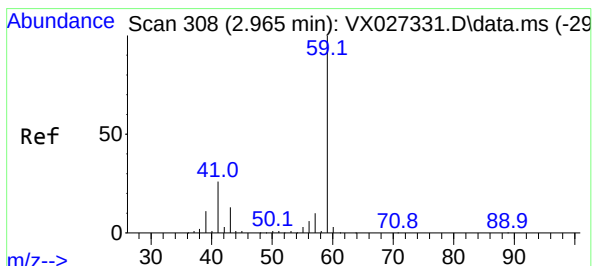
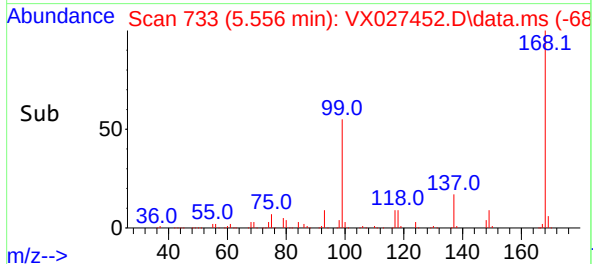
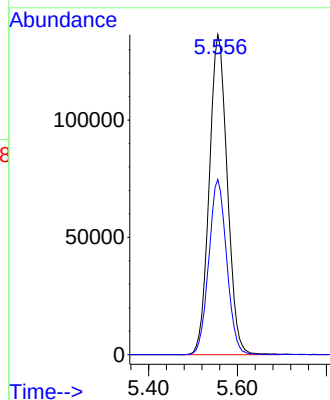
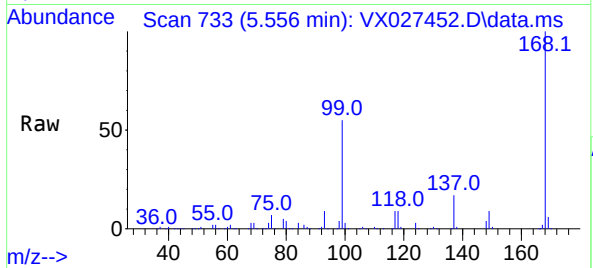




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

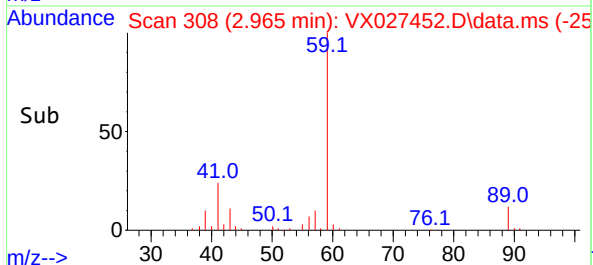
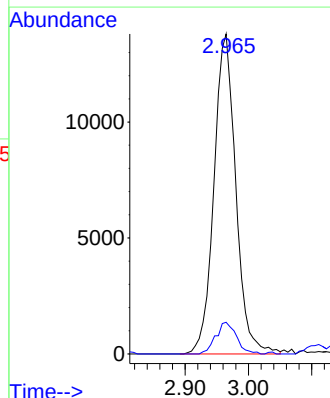
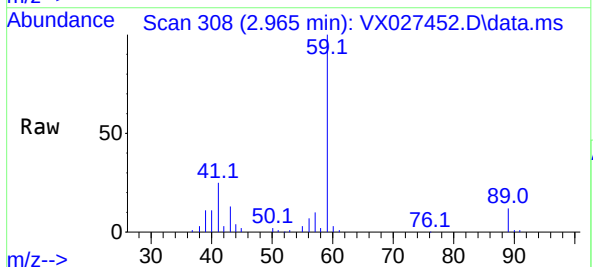
Instrument :
MSVOA_X
ClientSampleId :
33585

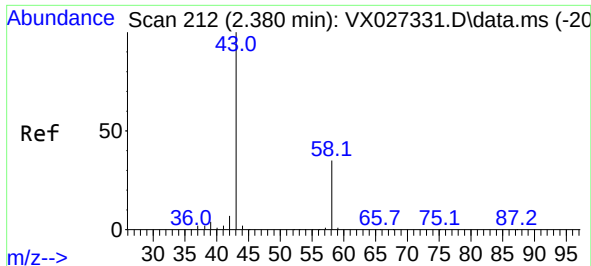
Tgt Ion:168 Resp: 384910
Ion Ratio Lower Upper
168 100
99 54.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 37.636 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 59 Resp: 33118
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

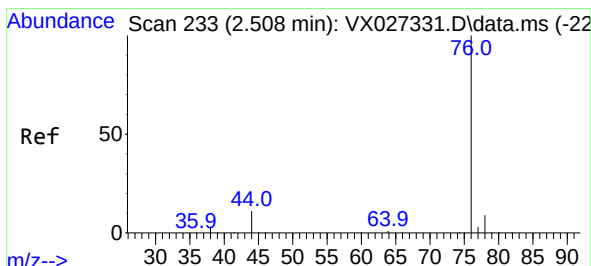
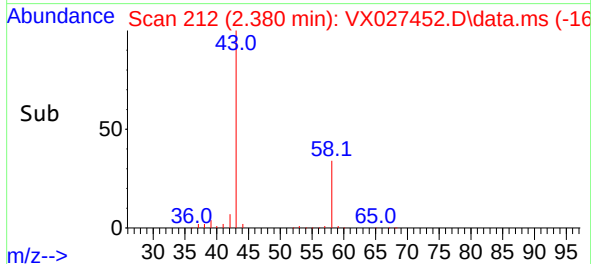
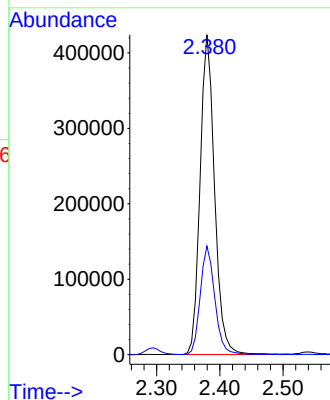
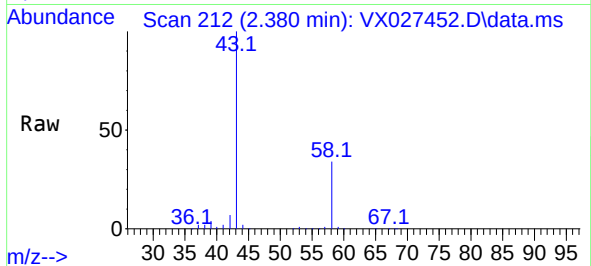




#16
Acetone
Concen: 390.084 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

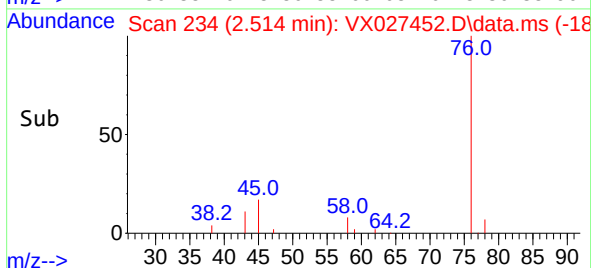
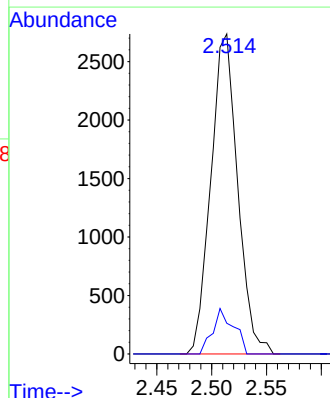
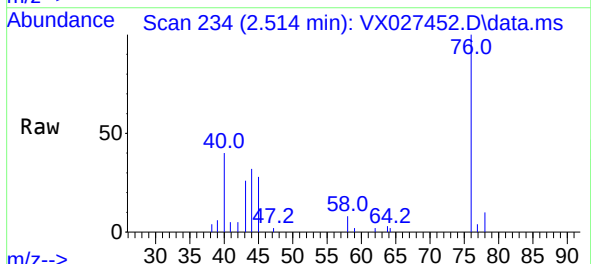
Instrument :
MSVOA_X
ClientSampleId :
33585

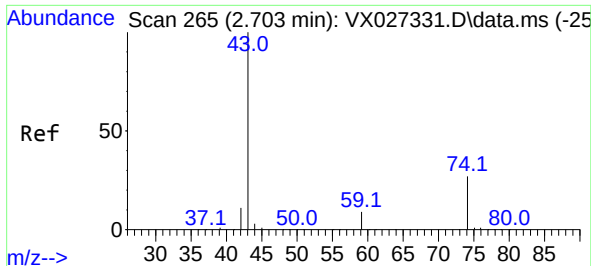
Tgt Ion: 43 Resp: 675783
Ion Ratio Lower Upper
43 100
58 33.9 28.8 43.2



#17
Carbon Disulfide
Concen: 0.460 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 76 Resp: 4661
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

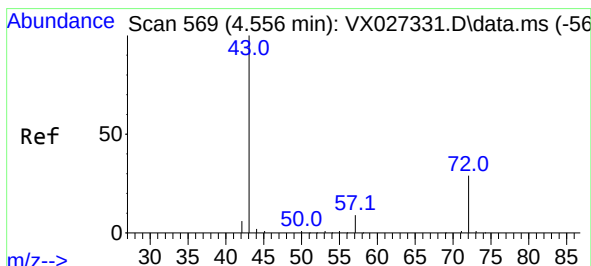
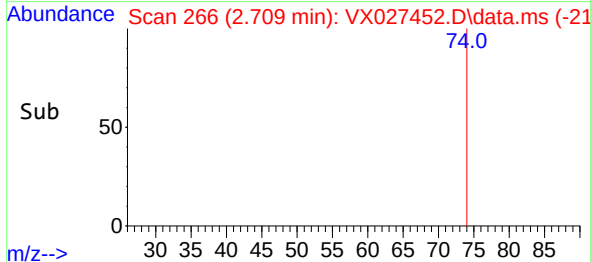
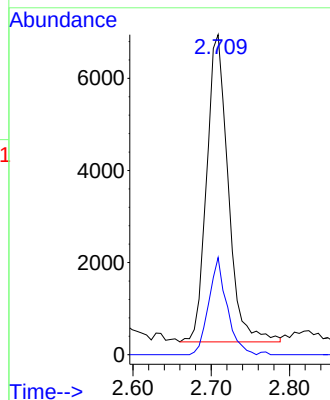
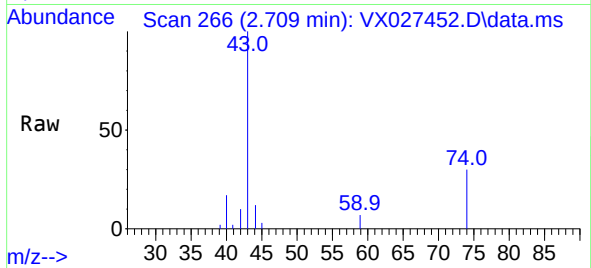




#18
Methyl Acetate
Concen: 2.580 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

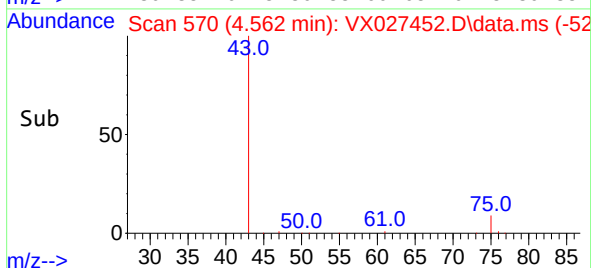
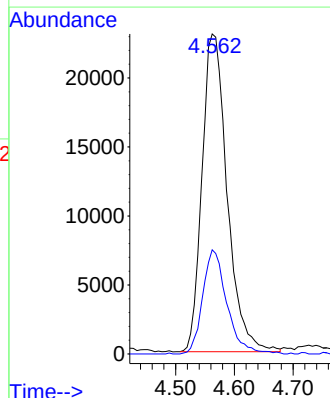
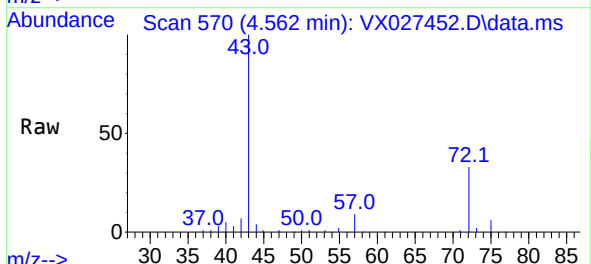
Instrument :
MSVOA_X
ClientSampleId :
33585

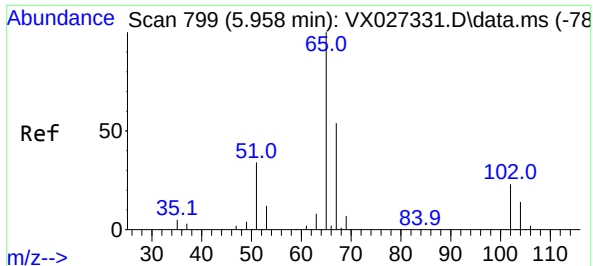
Tgt Ion: 43 Resp: 12729
Ion Ratio Lower Upper
43 100
74 26.8 22.8 34.2



#25
2-Butanone
Concen: 22.177 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 43 Resp: 68568
Ion Ratio Lower Upper
43 100
72 32.8 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 47.272 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027452.D

Acq: 15 Mar 2022 17:08

Instrument :

MSVOA_X

ClientSampleId :

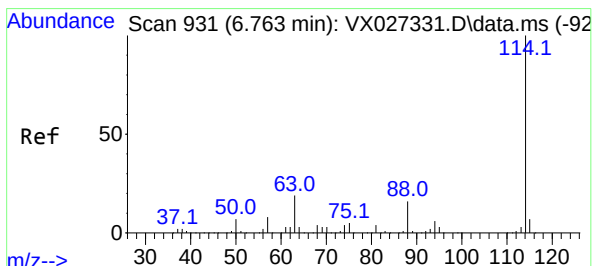
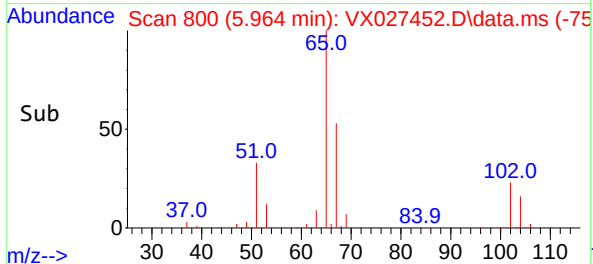
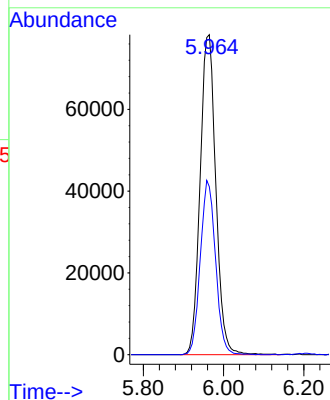
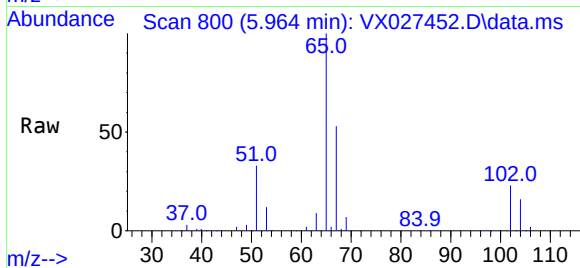
33585

Tgt Ion: 65 Resp: 212188

Ion Ratio Lower Upper

65 100

67 52.9 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: VX027452.D

Acq: 15 Mar 2022 17:08

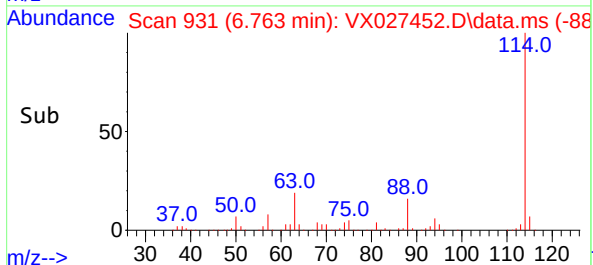
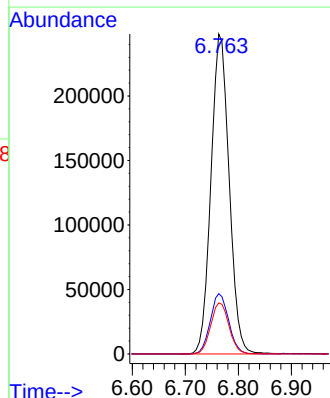
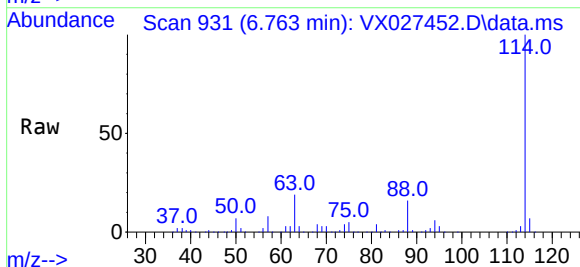
Tgt Ion: 114 Resp: 590039

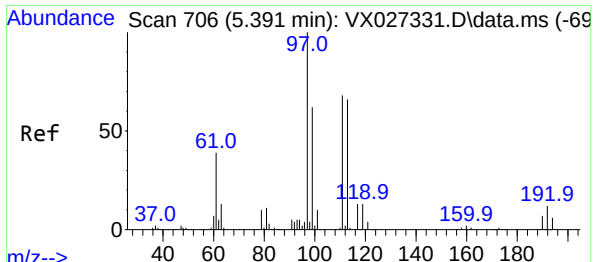
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 15.9 0.0 32.4

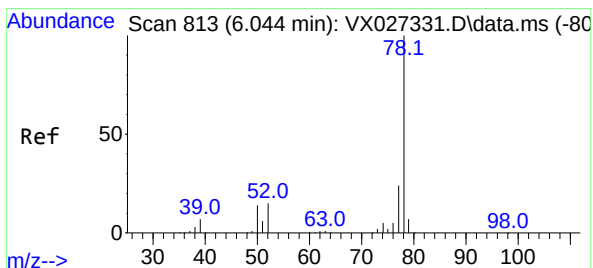
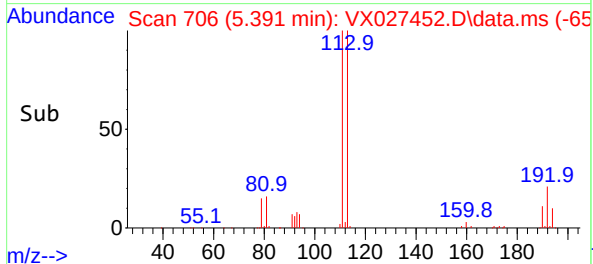
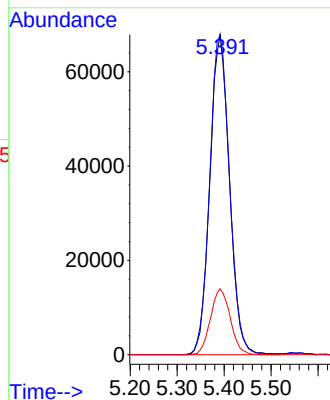
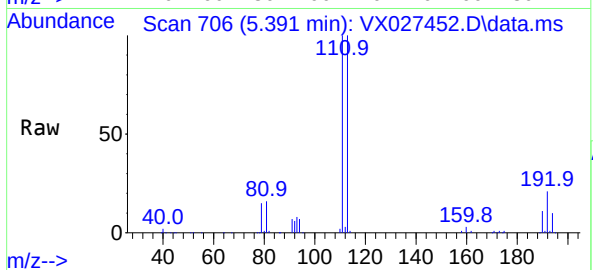




#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

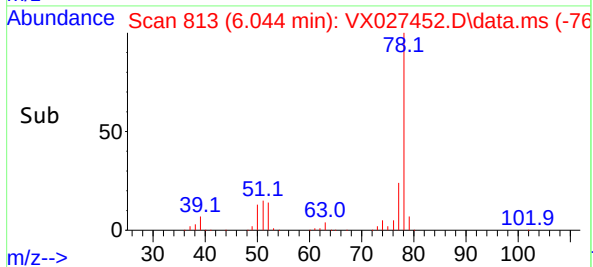
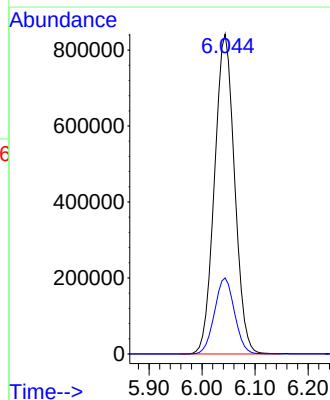
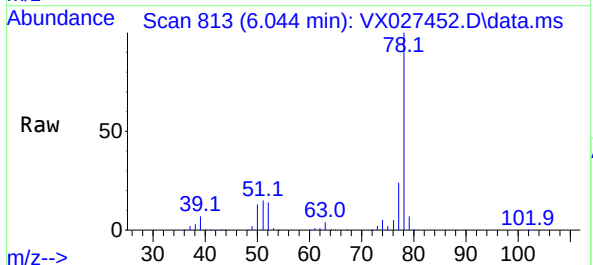
Instrument :
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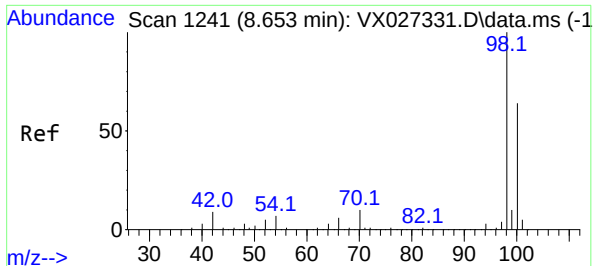
Tgt Ion:113 Resp: 195970
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.8 16.9 25.3



#40
Benzene
Concen: 137.427 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 78 Resp: 2212577
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

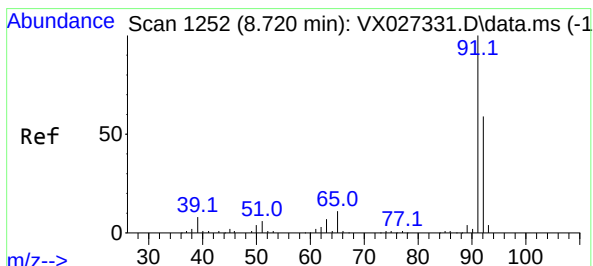
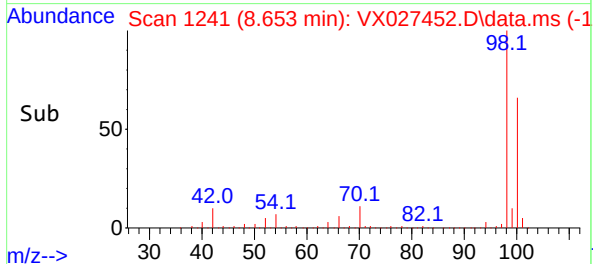
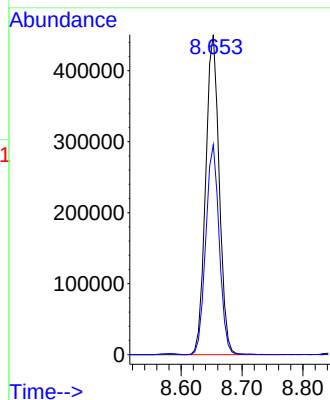
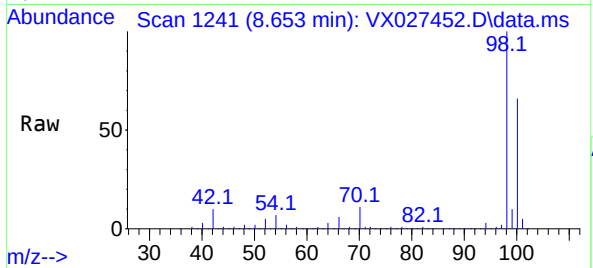




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

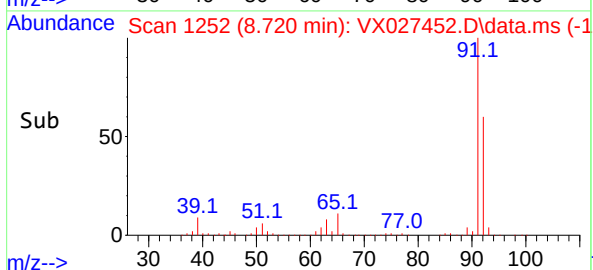
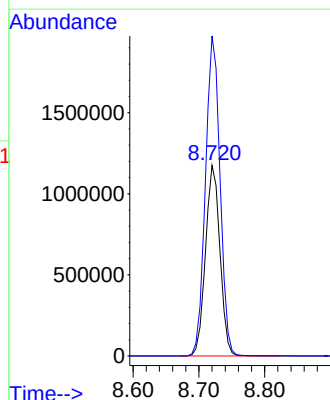
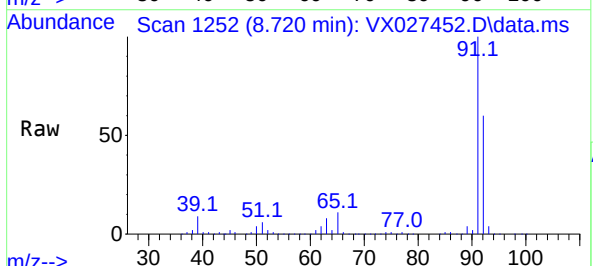
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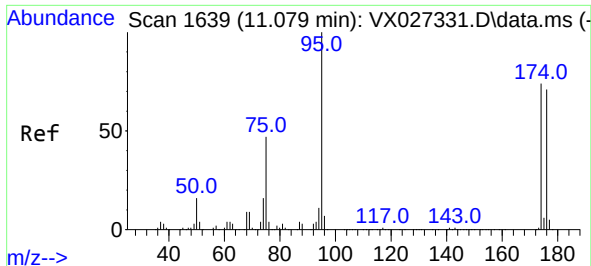
Tgt Ion: 98 Resp: 698053
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 174.959 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 92 Resp: 1795740
Ion Ratio Lower Upper
92 100
91 169.2 137.5 206.3

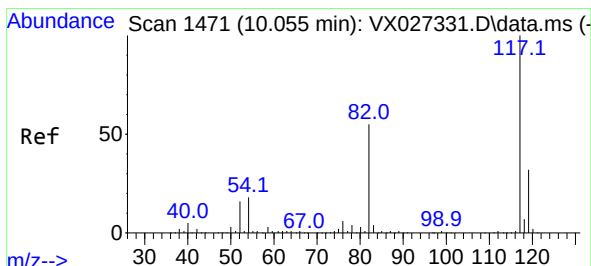
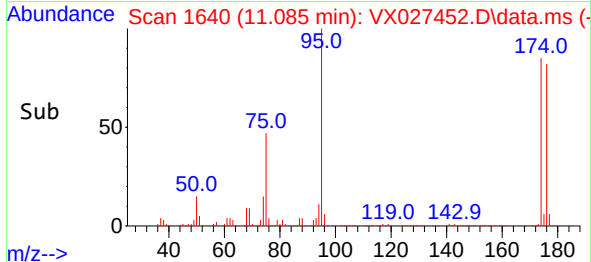
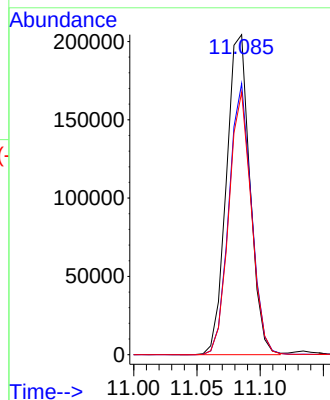
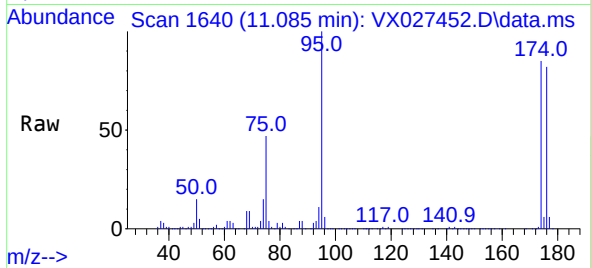




#62
4-Bromofluorobenzene
Concen: 48.207 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

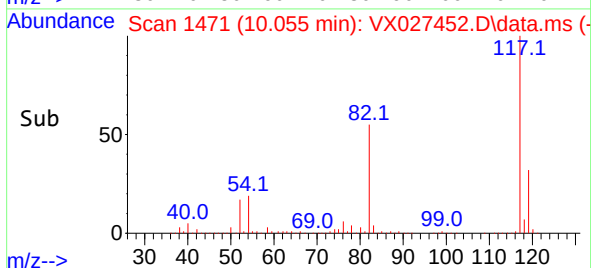
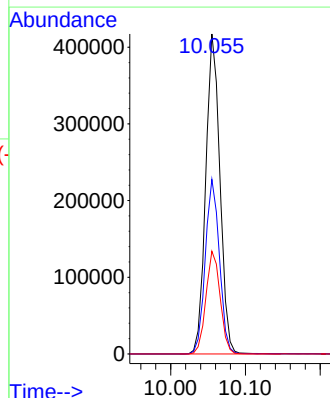
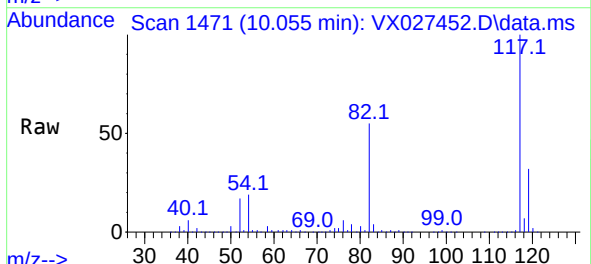
Instrument :
MSVOA_X
ClientSampleId :
33585

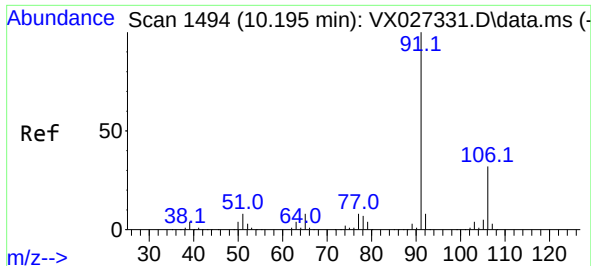
Tgt Ion: 95 Resp: 264086
Ion Ratio Lower Upper
95 100
174 80.9 0.0 163.0
176 78.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 117 Resp: 549988
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.1 24.8 37.2

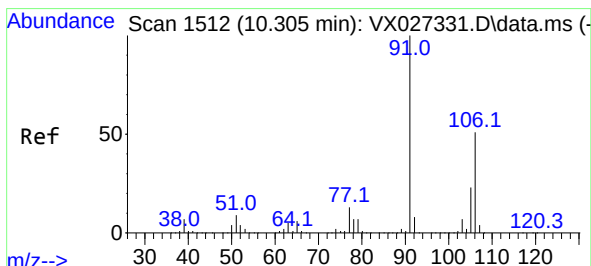
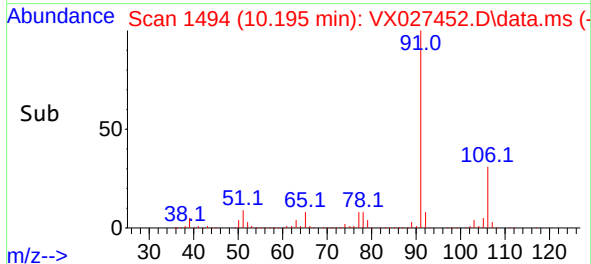
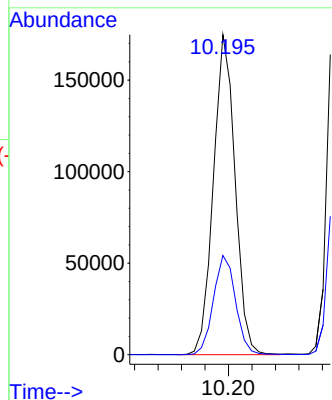
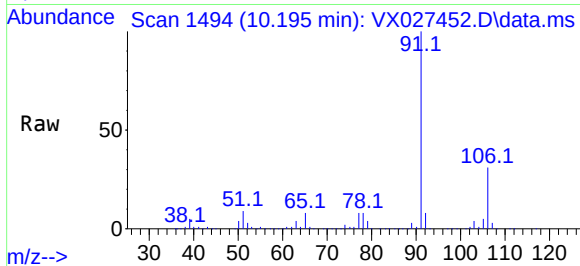




#67
Ethyl Benzene
Concen: 11.230 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

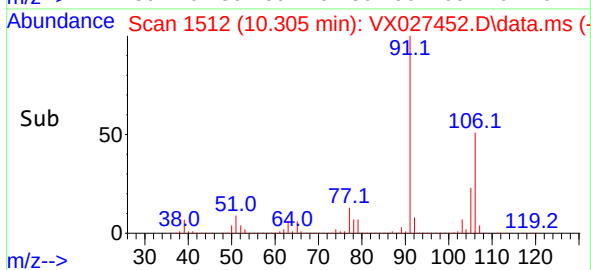
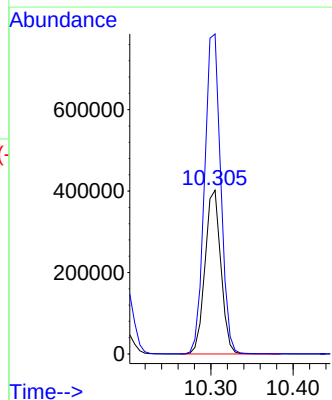
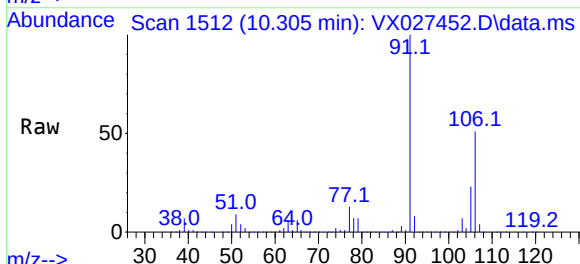
Instrument :
MSVOA_X
ClientSampleId :
33585

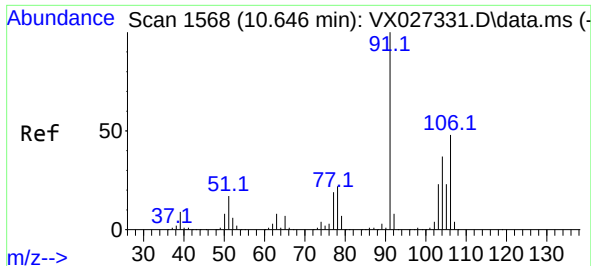
Tgt Ion: 91 Resp: 224088
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 68.629 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion: 106 Resp: 537164
Ion Ratio Lower Upper
106 100
91 199.9 160.4 240.6

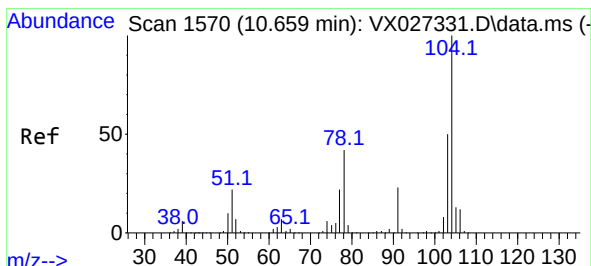
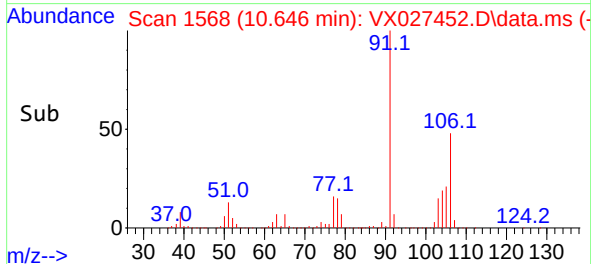
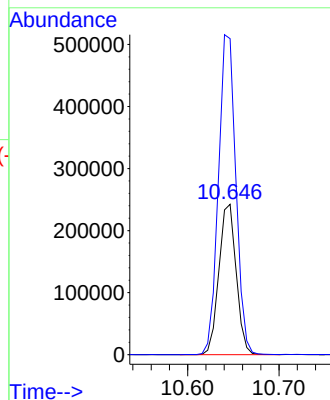
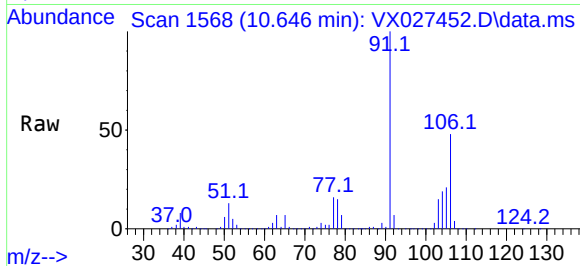




#69
o-Xylene
Concen: 41.356 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

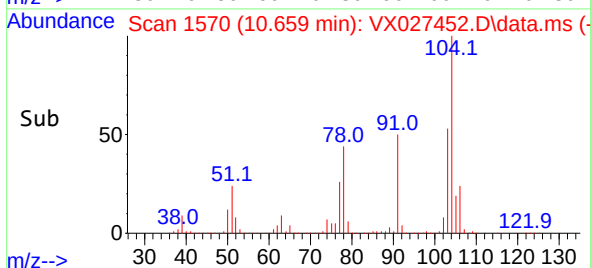
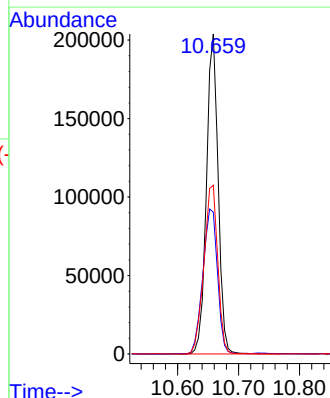
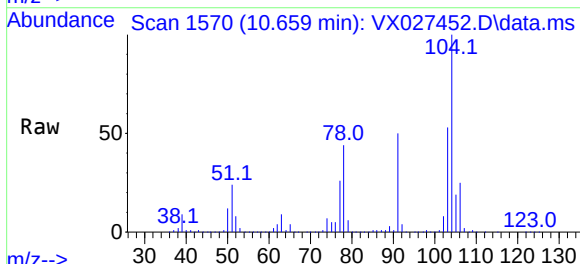
Instrument :
MSVOA_X
ClientSampleId :
33585

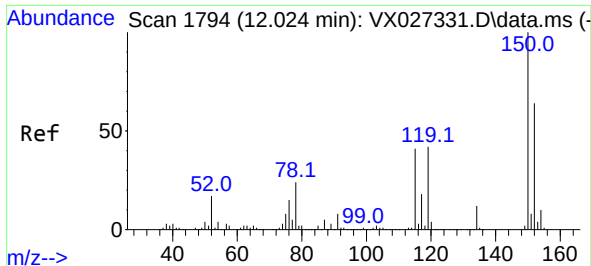
Tgt Ion:106 Resp: 319585
Ion Ratio Lower Upper
106 100
91 214.3 106.1 318.1



#70
Styrene
Concen: 21.246 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion:104 Resp: 272521
Ion Ratio Lower Upper
104 100
78 56.7 38.6 57.8
103 62.6 43.8 65.8

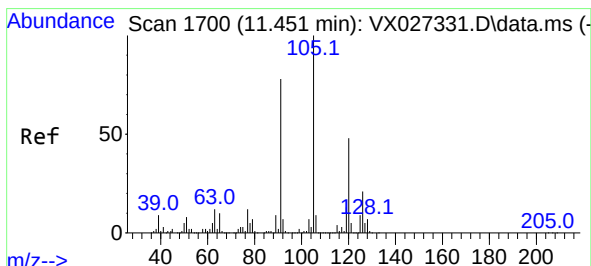
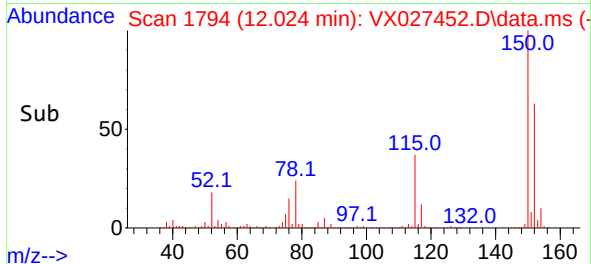
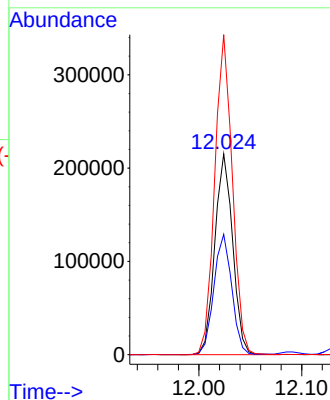
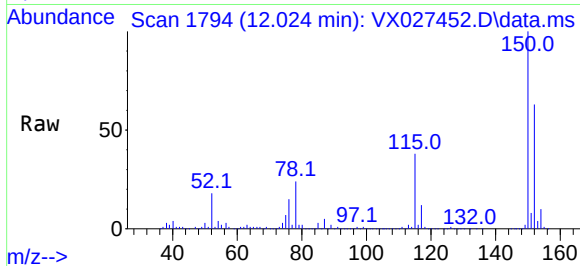




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

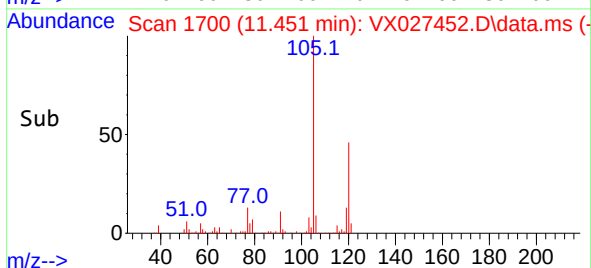
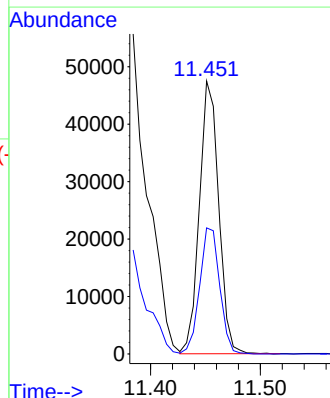
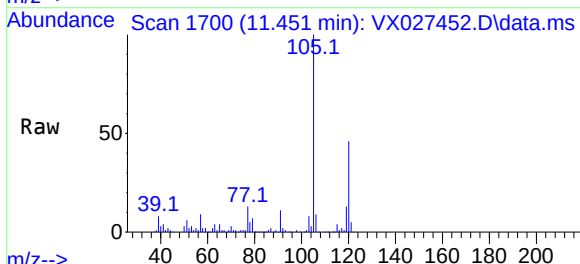
Instrument :
MSVOA_X
ClientSampleId :
33585

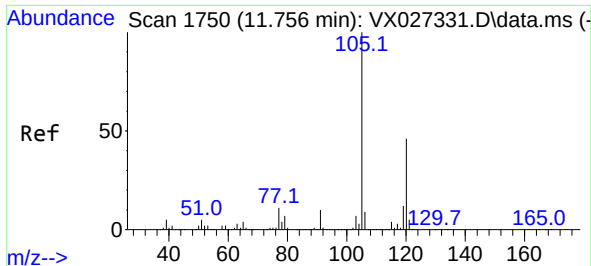
Tgt Ion:152 Resp: 259517
Ion Ratio Lower Upper
152 100
115 60.1 37.5 112.7
150 157.7 0.0 338.2



#80
1,3,5-Trimethylbenzene
Concen: 3.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion:105 Resp: 58172
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9

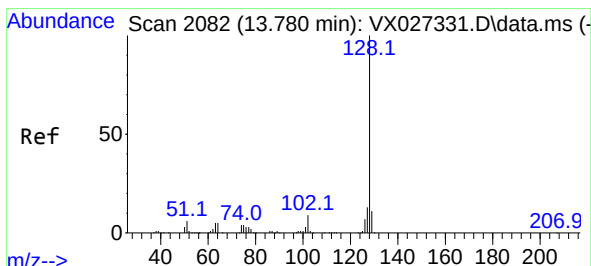
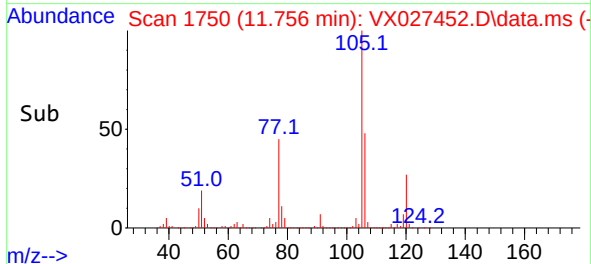
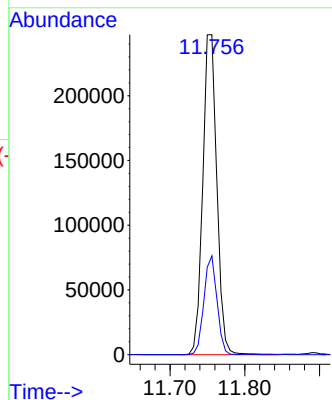
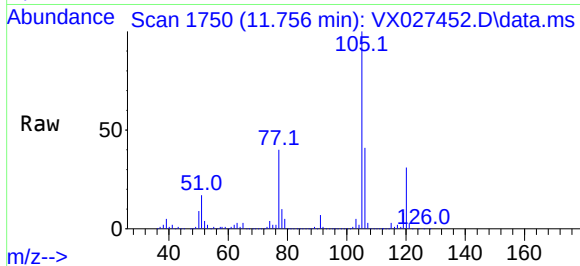




#84
1,2,4-Trimethylbenzene
Concen: 20.041 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
33585

Tgt Ion:105 Resp: 323436
Ion Ratio Lower Upper
105 100
120 28.6 22.6 67.8



#95
Naphthalene
Concen: 156.761 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027452.D
Acq: 15 Mar 2022 17:08

Tgt Ion:128 Resp: 3064709
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.4 8.7 13.1

