

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027455.D
 Acq On : 15 Mar 2022 18:19
 Operator : JC/MD
 Sample : N1924-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33605

Quant Time: Mar 16 04:20:49 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)

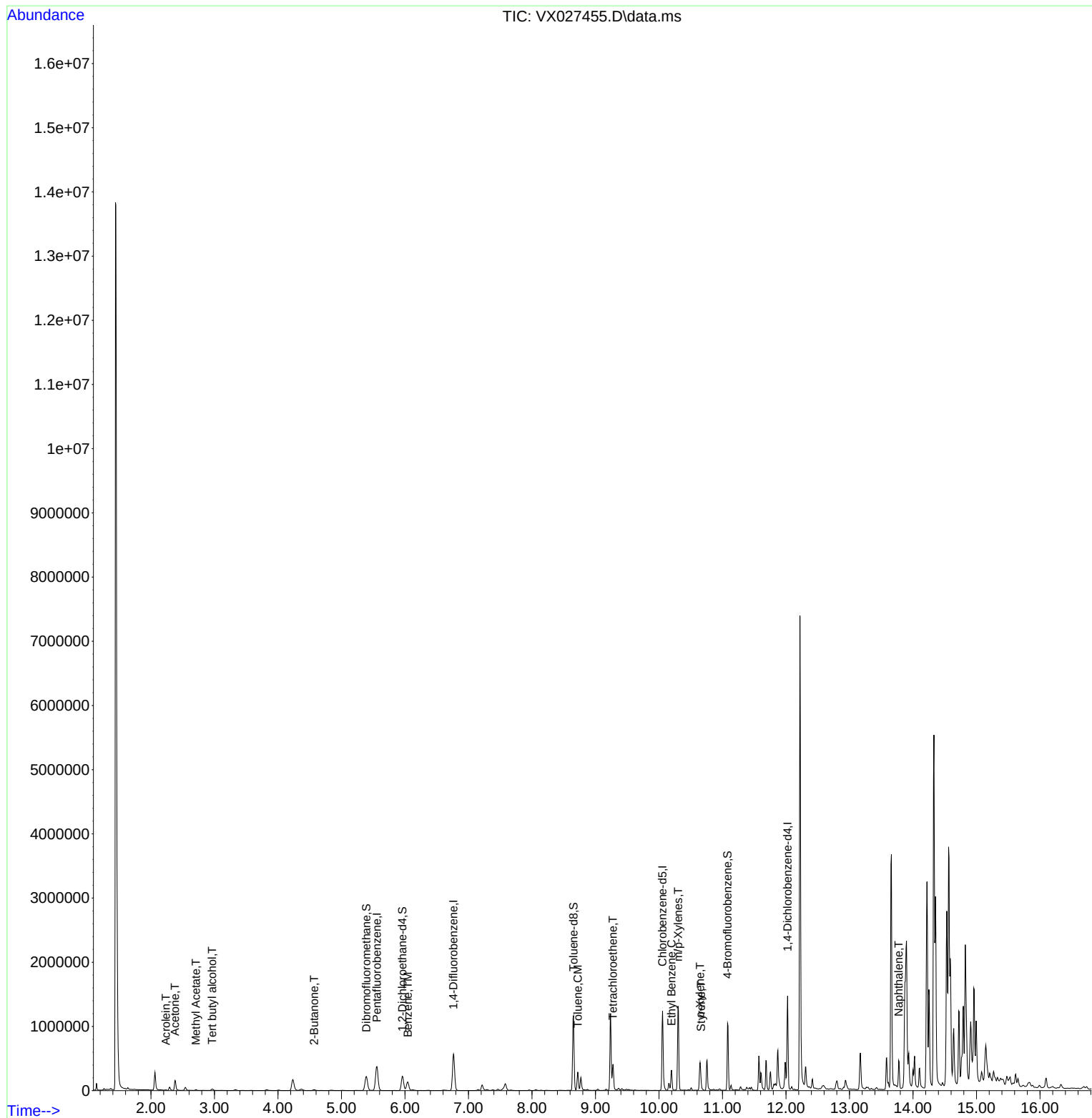
Internal Standards						
1) Pentafluorobenzene	5.556	168	368384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	312231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222448	51.781	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.560%		
35) Dibromofluoromethane	5.391	113	192746	50.040	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.080%		
50) Toluene-d8	8.653	98	716354	49.262	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.520%		
62) 4-Bromofluorobenzene	11.079	95	297265	53.636	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 107.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	25720	30.540	ug/l	96
13) Acrolein	2.233	56	5050	8.555	ug/l	85
16) Acetone	2.380	43	161705	95.337	ug/l	95
18) Methyl Acetate	2.709	43	13166	2.788	ug/l	97
25) 2-Butanone	4.568	43	22074	7.460	ug/l	100
40) Benzene	6.044	78	163227	10.021	ug/l	99
52) Toluene	8.720	92	108109	10.411	ug/l	100
64) Tetrachloroethene	9.275	164	71683	17.992	ug/l	99
67) Ethyl Benzene	10.195	91	180294	8.741	ug/l	98
68) m/p-Xylenes	10.299	106	313281	38.721	ug/l	98
69) o-Xylene	10.647	106	84900	10.628	ug/l	99
70) Styrene	10.659	104	72283	5.451	ug/l	89
95) Naphthalene	13.774	128	272985	11.606	ug/l	99

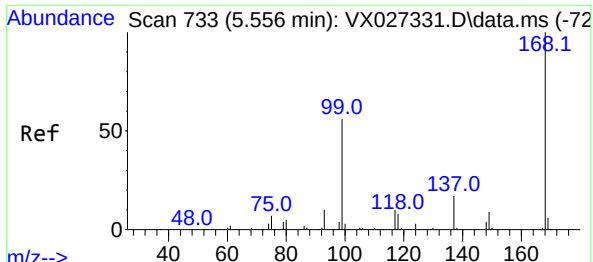
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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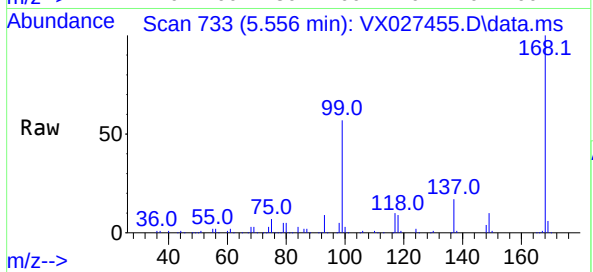
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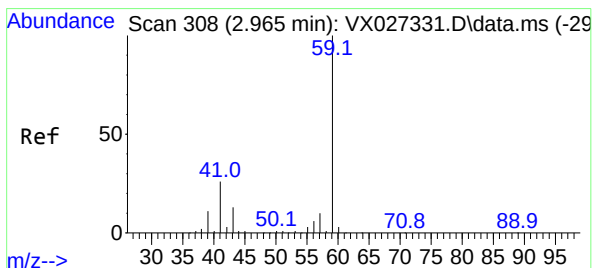
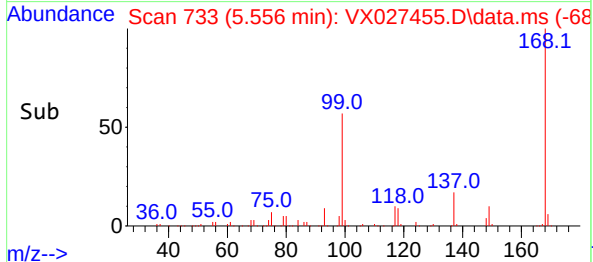
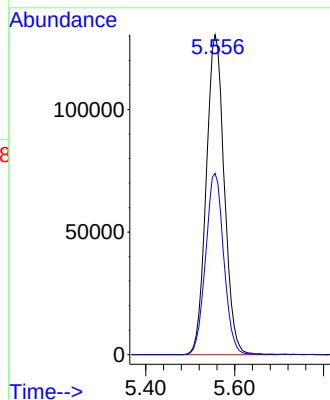


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

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33605

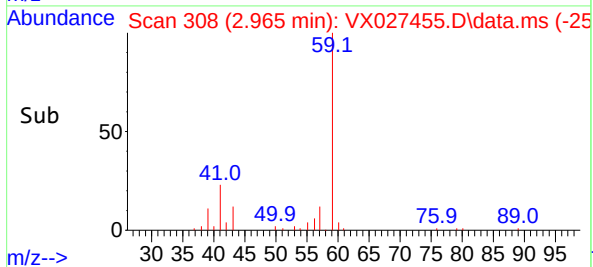
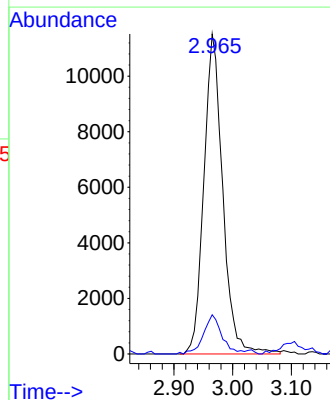
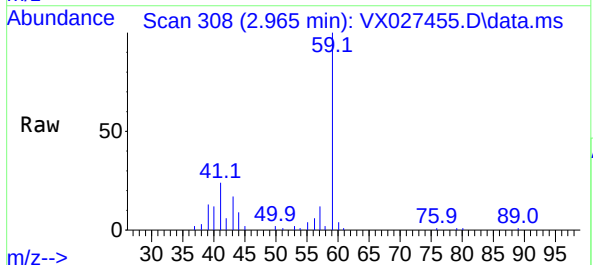


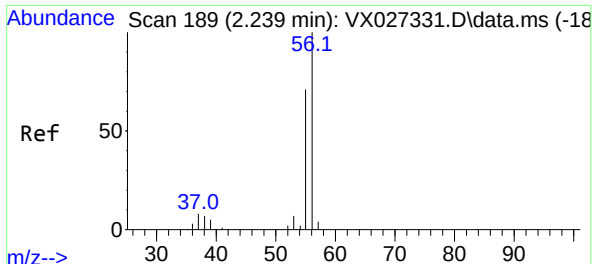
Tgt Ion:168 Resp: 368384
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 30.540 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 59 Resp: 25720
Ion Ratio Lower Upper
59 100
57 12.0 8.3 12.5

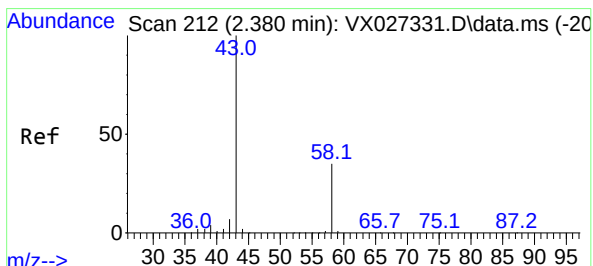
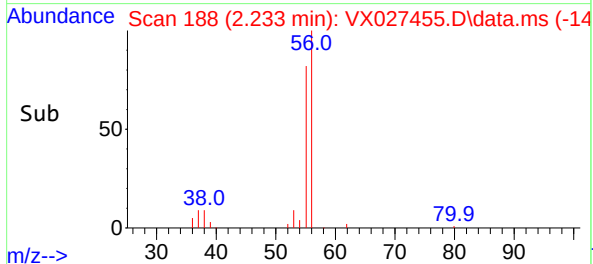
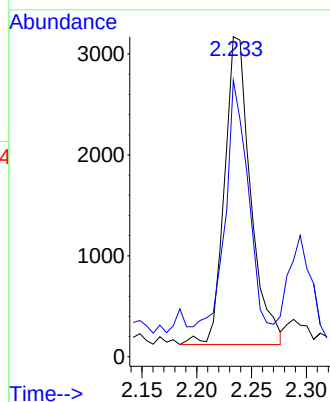
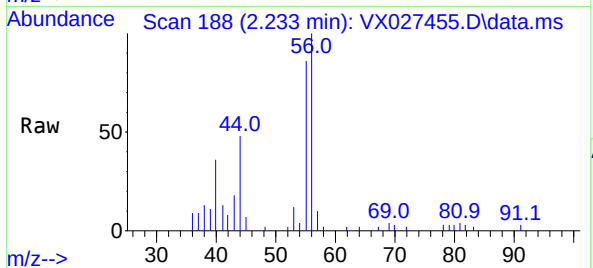




#13
Acrolein
Concen: 8.555 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

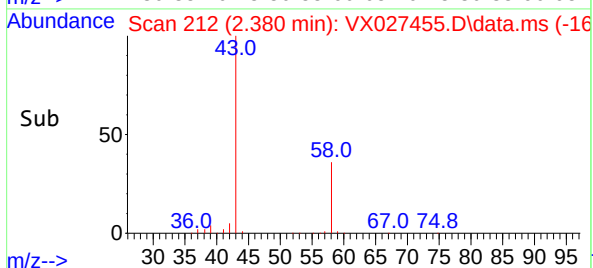
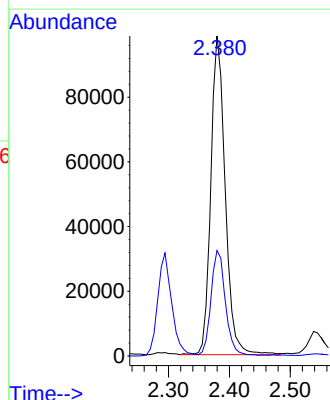
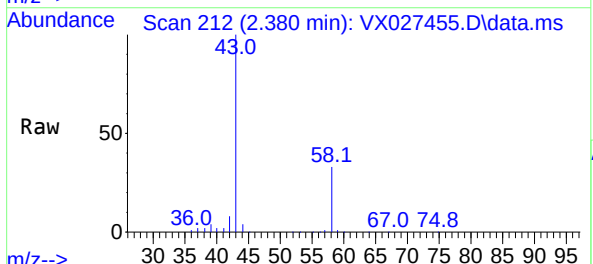
Instrument :
MSVOA_X
ClientSampleId :
33605

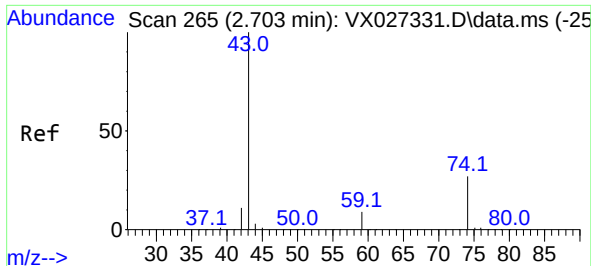
Tgt Ion: 56 Resp: 5050
Ion Ratio Lower Upper
56 100
55 81.3 55.0 82.6



#16
Acetone
Concen: 95.337 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 43 Resp: 161705
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2

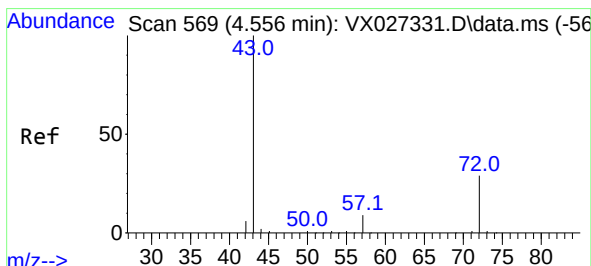
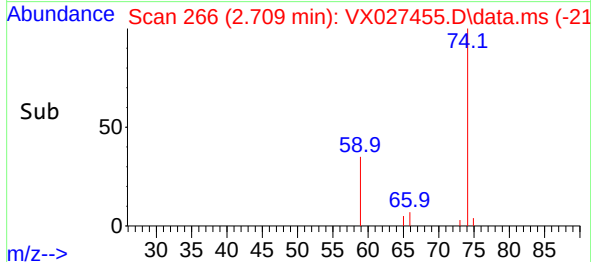
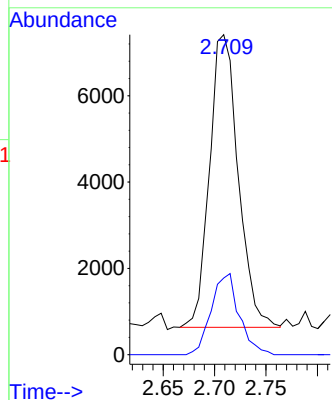
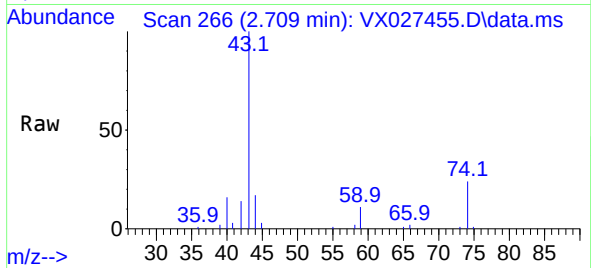




#18
Methyl Acetate
Concen: 2.788 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

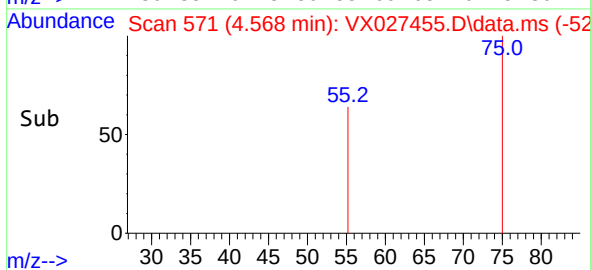
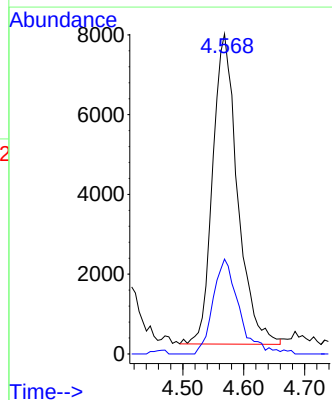
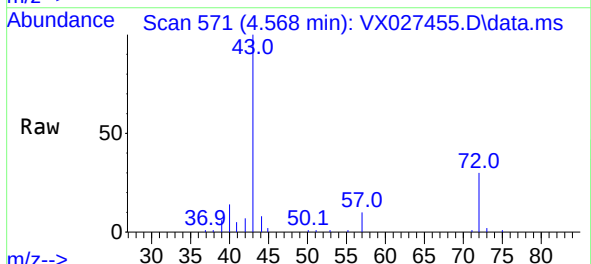
Instrument :
MSVOA_X
ClientSampleId :
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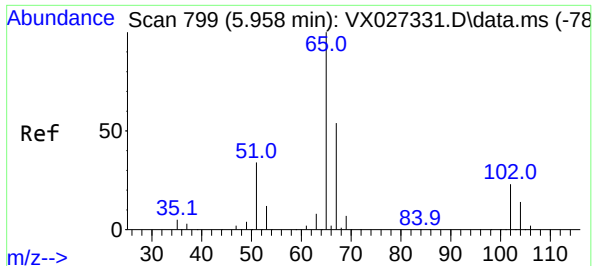
Tgt Ion: 43 Resp: 13166
Ion Ratio Lower Upper
43 100
74 26.9 22.8 34.2



#25
2-Butanone
Concen: 7.460 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 43 Resp: 22074
Ion Ratio Lower Upper
43 100
72 30.6 24.4 36.6

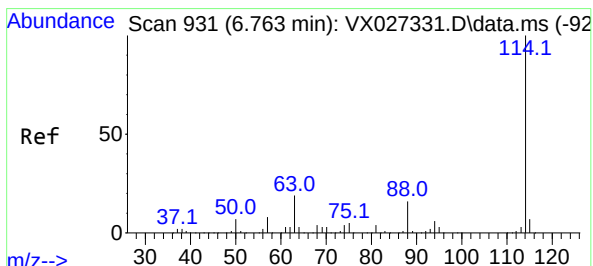
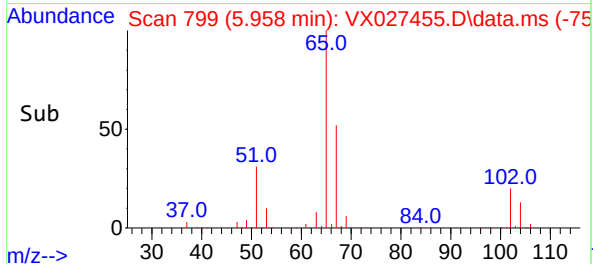
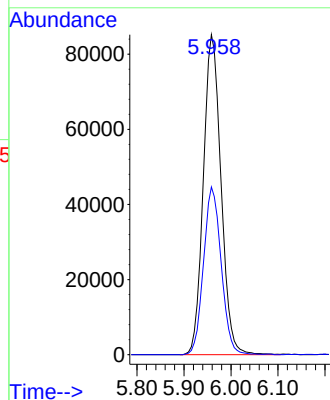
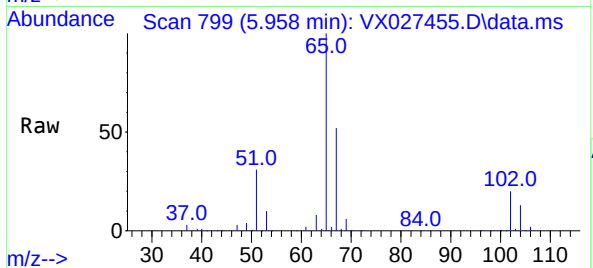




#33
1,2-Dichloroethane-d4
Concen: 51.781 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

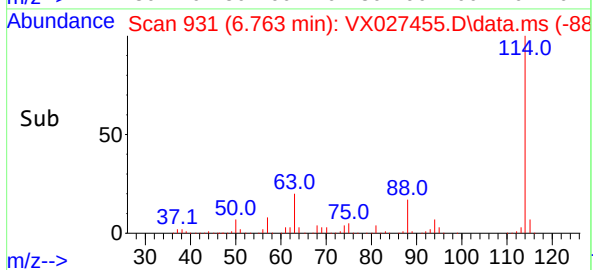
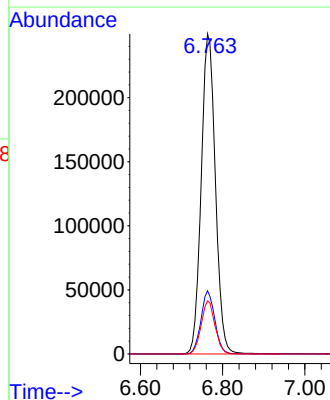
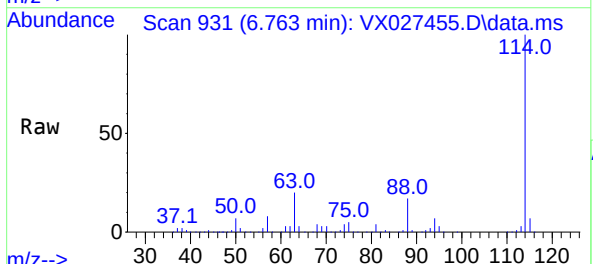
Instrument :
MSVOA_X
ClientSampleId :
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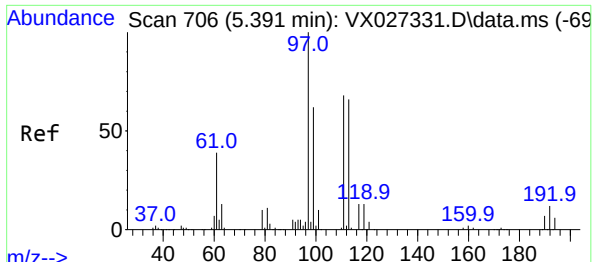
Tgt Ion: 65 Resp: 222448
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 114 Resp: 596938
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.6 0.0 32.4

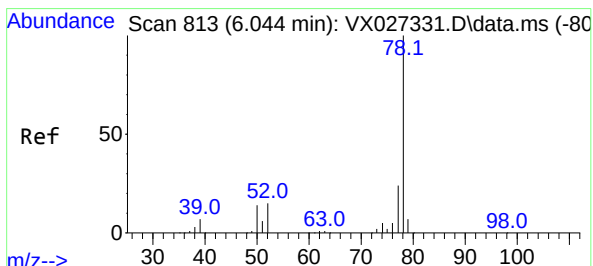
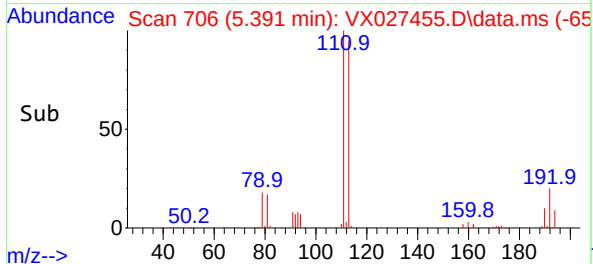
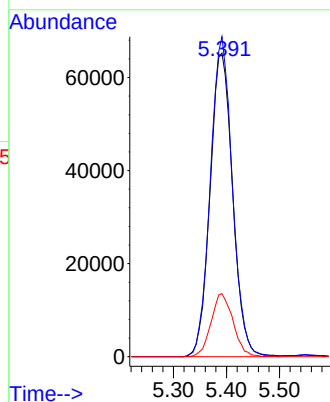
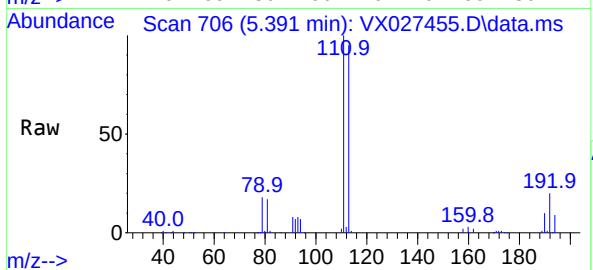




#35
Dibromofluoromethane
Concen: 50.040 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

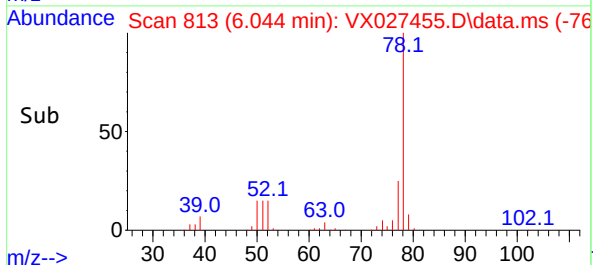
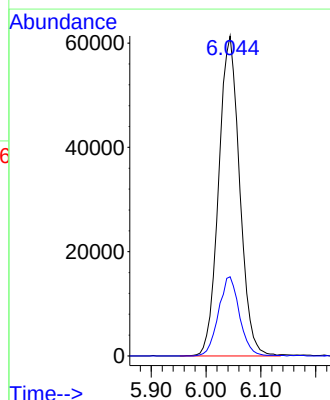
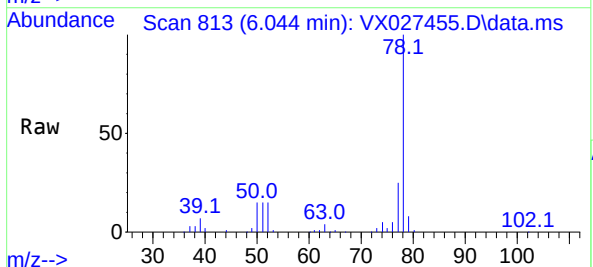
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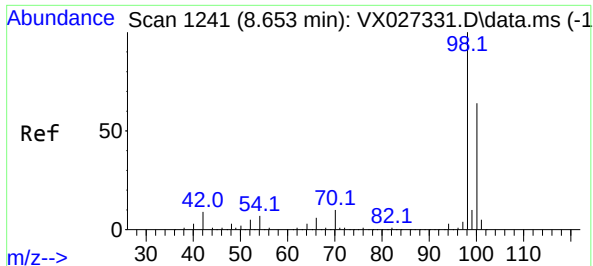
Tgt Ion:113 Resp: 192746
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.3 16.9 25.3



#40
Benzene
Concen: 10.021 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 78 Resp: 163227
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

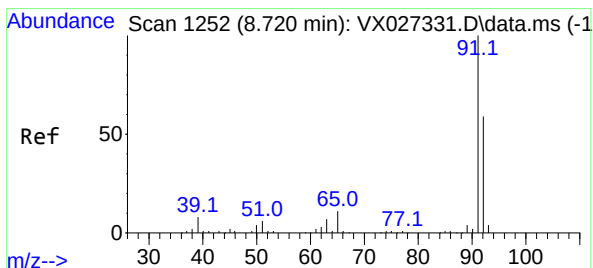
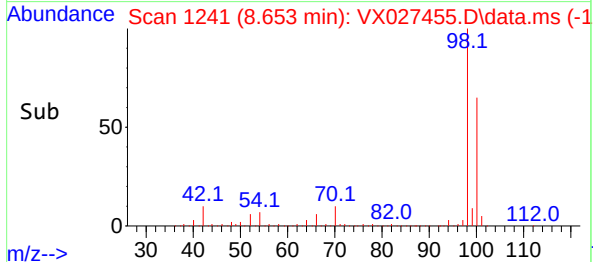
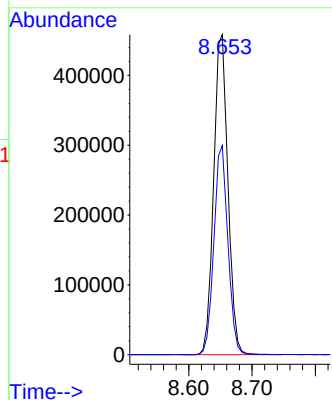
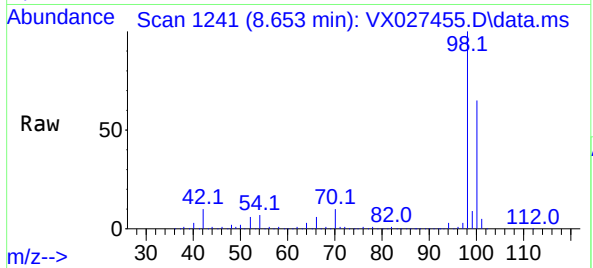




#50
Toluene-d8
Concen: 49.262 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

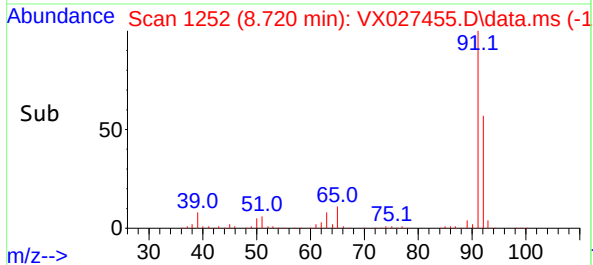
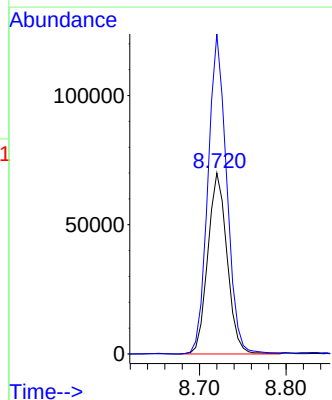
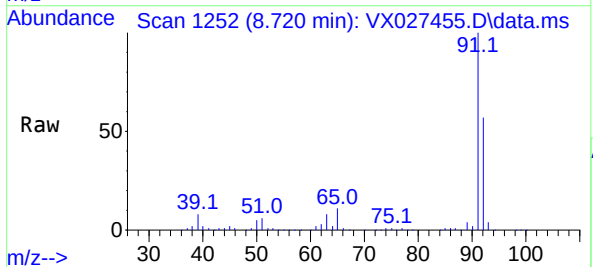
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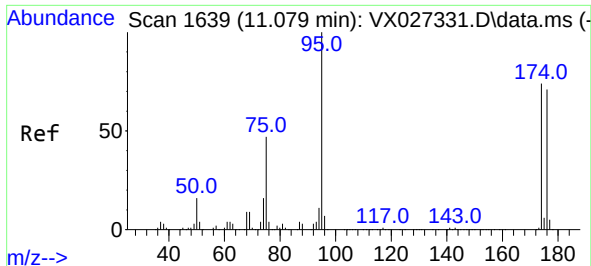
Tgt Ion: 98 Resp: 716354
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#52
Toluene
Concen: 10.411 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 92 Resp: 108109
Ion Ratio Lower Upper
92 100
91 172.3 137.5 206.3

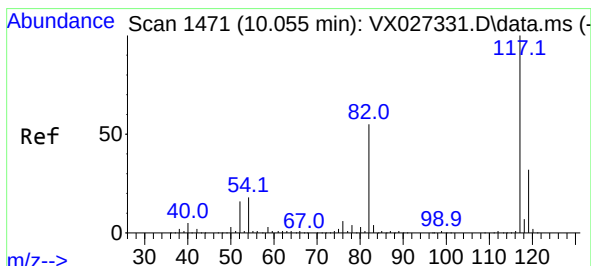
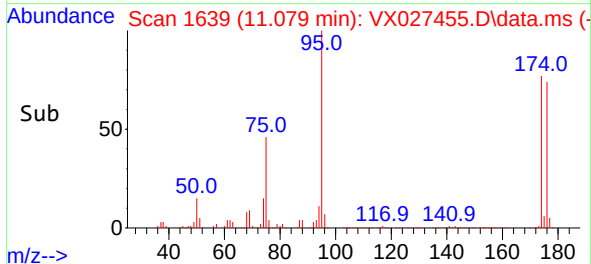
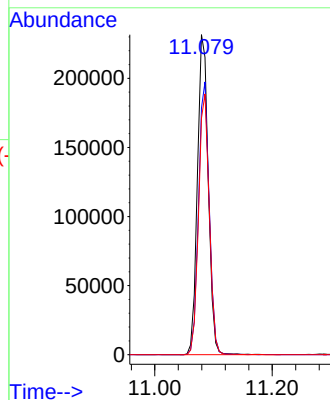
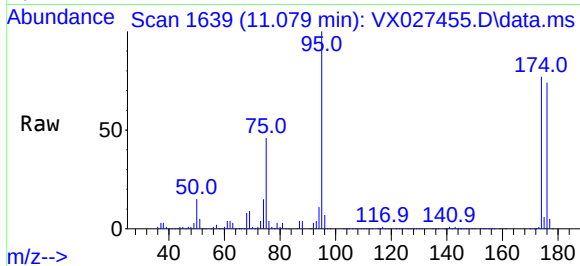




#62
4-Bromofluorobenzene
Concen: 53.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

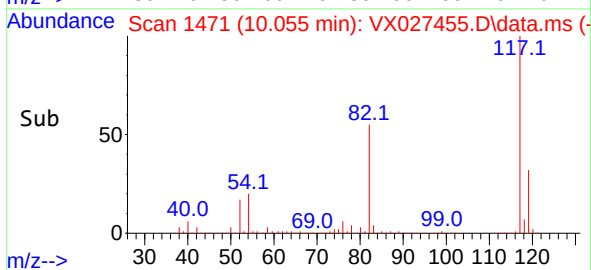
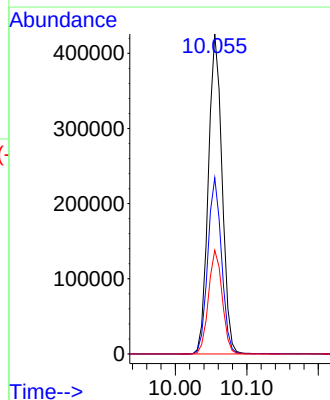
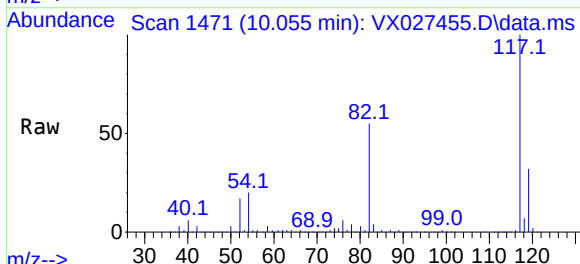
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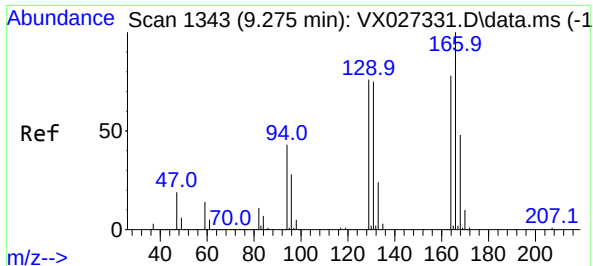
Tgt Ion: 95 Resp: 297265
Ion Ratio Lower Upper
95 100
174 84.1 0.0 163.0
176 80.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 117 Resp: 568519
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.4 24.8 37.2



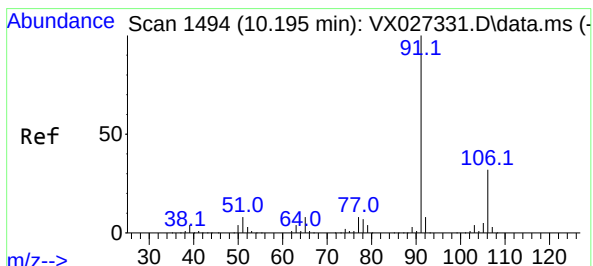
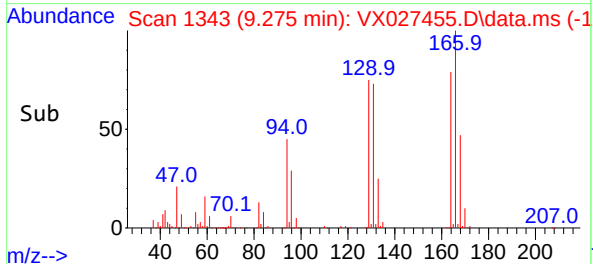
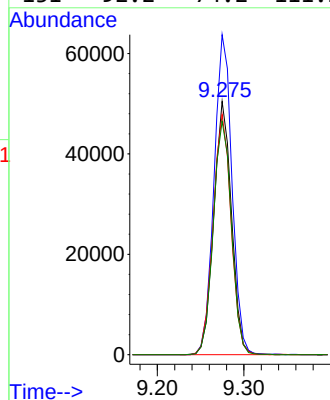
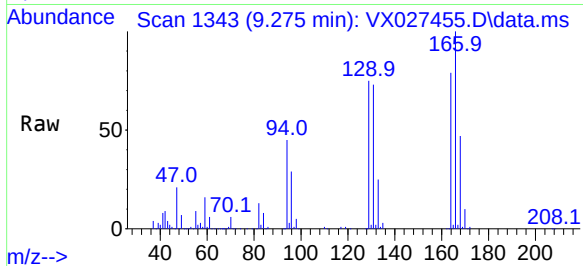


#64
Tetrachloroethene
Concen: 17.992 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
33605

Tgt Ion:164 Resp: 71683

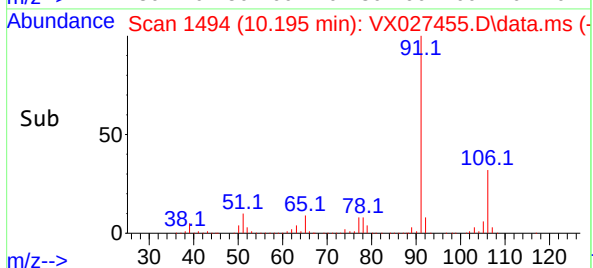
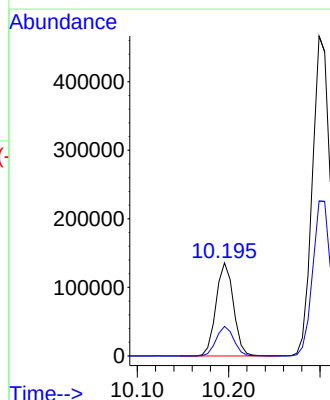
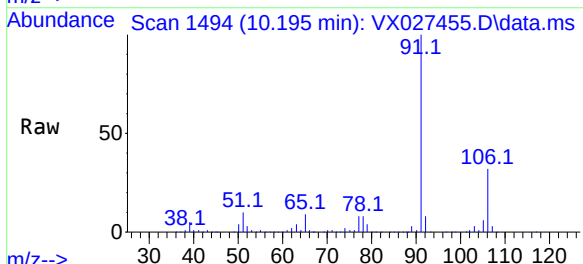
Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.2	151.8
129	94.8	73.0	109.4
131	92.2	74.2	111.2

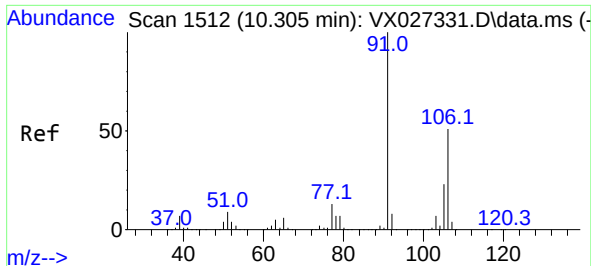


#67
Ethyl Benzene
Concen: 8.741 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion: 91 Resp: 180294

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.6	36.8

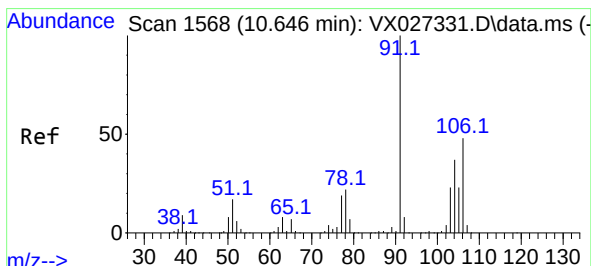
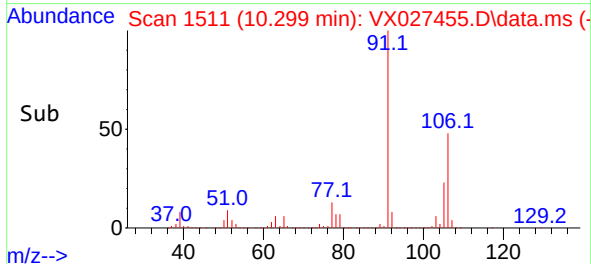
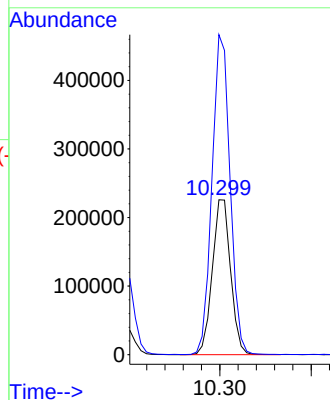
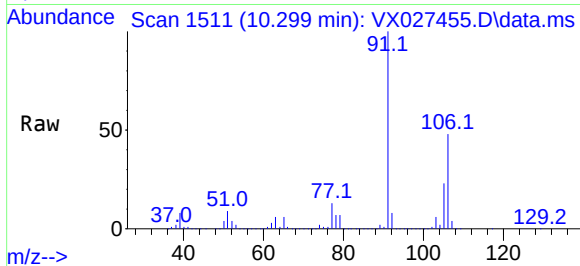




#68
m/p-Xylenes
Concen: 38.721 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

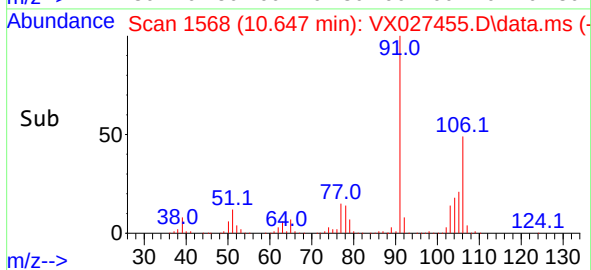
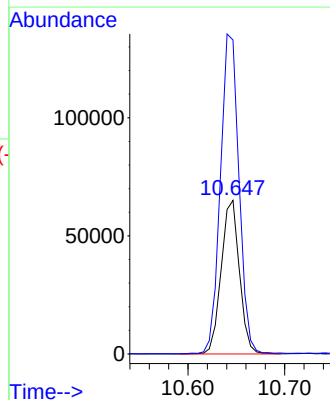
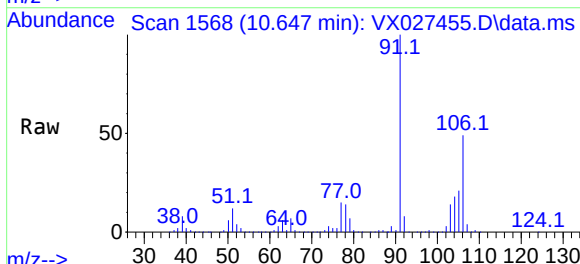
Instrument :
MSVOA_X
ClientSampleId :
33605

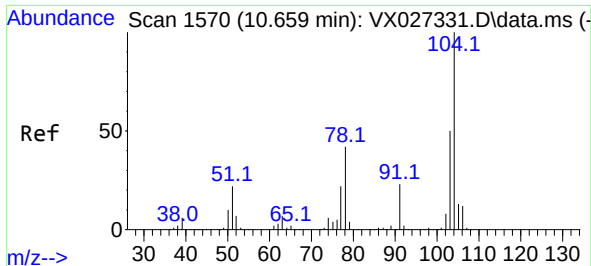
Tgt Ion:106 Resp: 313281
Ion Ratio Lower Upper
106 100
91 203.5 160.4 240.6



#69
o-Xylene
Concen: 10.628 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion:106 Resp: 84900
Ion Ratio Lower Upper
106 100
91 212.9 106.1 318.1

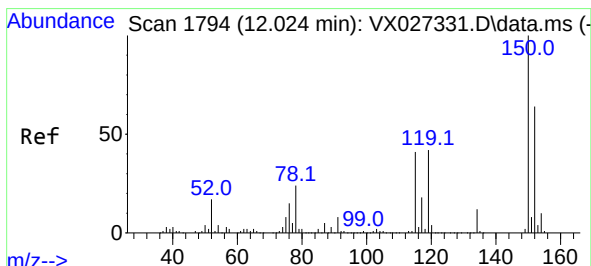
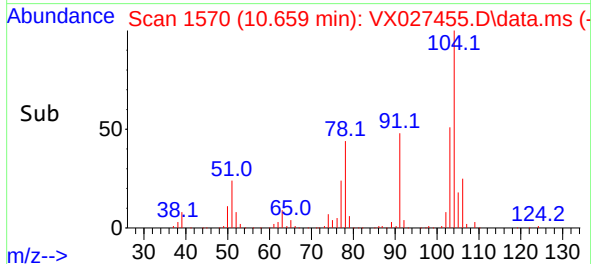
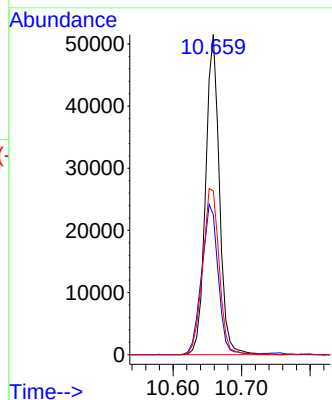
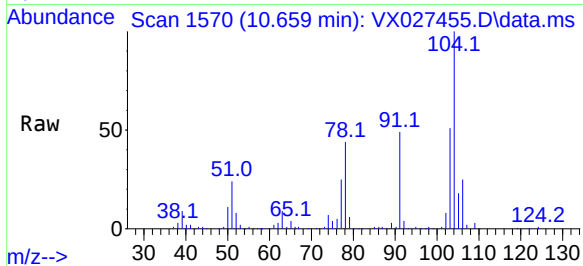




#70
Styrene
Concen: 5.451 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

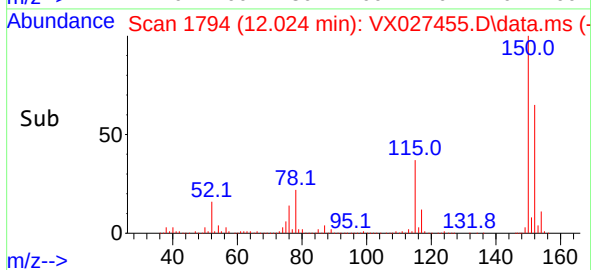
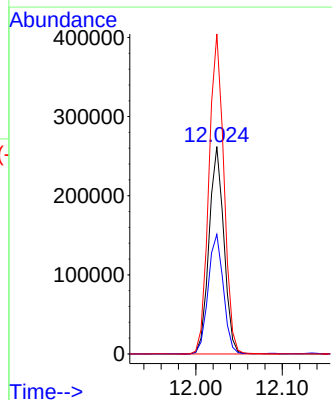
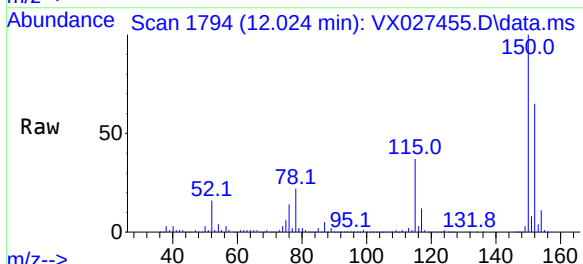
Instrument :
MSVOA_X
ClientSampleId :
33605

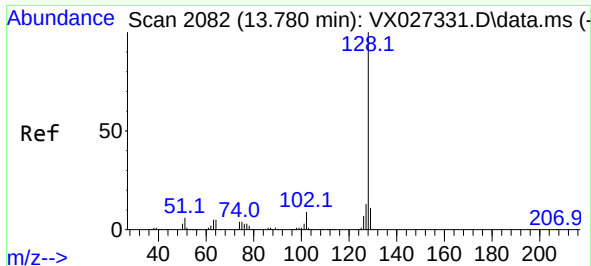
Tgt Ion:104 Resp: 72283
Ion Ratio Lower Upper
104 100
78 56.2 38.6 57.8
103 62.3 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027455.D
Acq: 15 Mar 2022 18:19

Tgt Ion:152 Resp: 312231
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 156.1 0.0 338.2





#95

Naphthalene

Concen: 11.606 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX027455.D

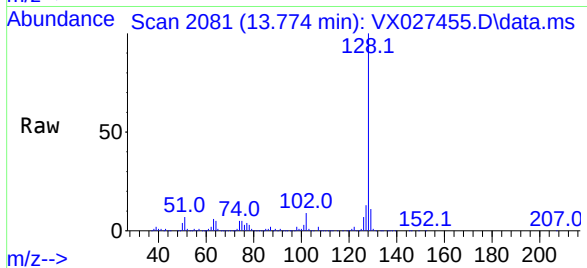
Acq: 15 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

33605



Tgt Ion:128 Resp: 272985

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.4 8.7 13.1

