

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027052.D
 Acq On : 16 Feb 2022 16:16
 Operator : JC/MD
 Sample : N1575-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COP-2R

Quant Time: Feb 17 07:13:20 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)

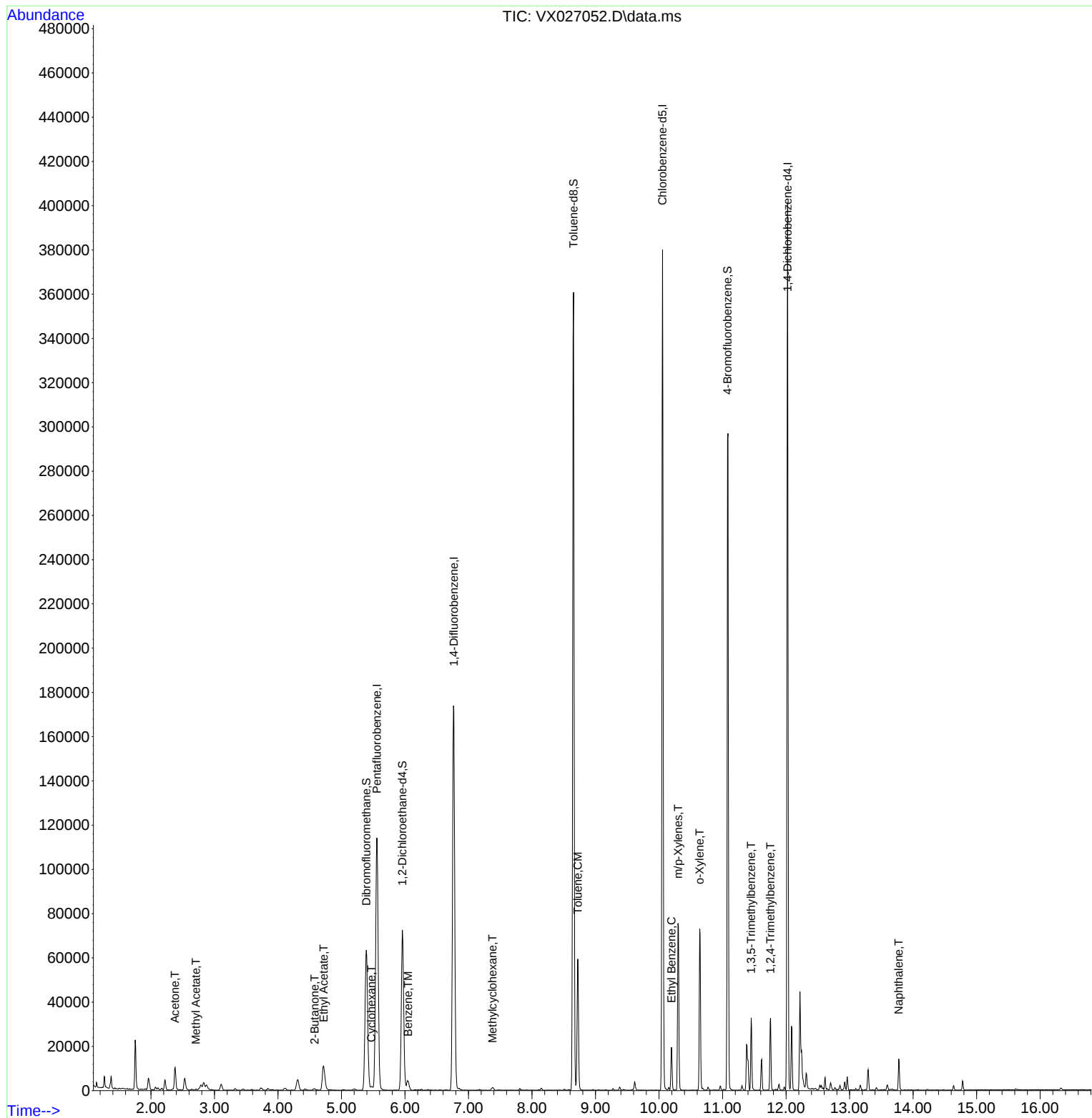
Internal Standards						
1) Pentafluorobenzene	5.556	168	109819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	182509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68643	52.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.140%	
35) Dibromofluoromethane	5.391	113	56451	51.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.653	98	214177	53.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	11.079	95	83613	59.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	11583	20.005	ug/l	95
18) Methyl Acetate	2.709	43	527	0.316	ug/l #	81
25) 2-Butanone	4.574	43	1346	1.443	ug/l	96
31) Cyclohexane	5.471	56	1080	0.516	ug/l	95
37) Ethyl Acetate	4.721	43	20270	10.398	ug/l	98
39) Methylcyclohexane	7.379	83	620	0.295	ug/l	91
40) Benzene	6.050	78	5272	1.055	ug/l	97
52) Toluene	8.720	92	22509	7.111	ug/l	99
67) Ethyl Benzene	10.195	91	11087	1.779	ug/l	99
68) m/p-Xylenes	10.299	106	18630	7.770	ug/l	95
69) o-Xylene	10.640	106	15968	6.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13936	2.728	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	14457	2.806	ug/l	95
95) Naphthalene	13.774	128	9099	1.578	ug/l	99

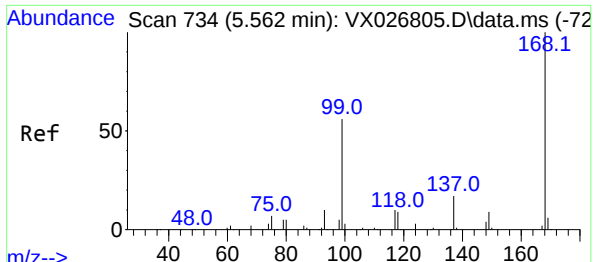
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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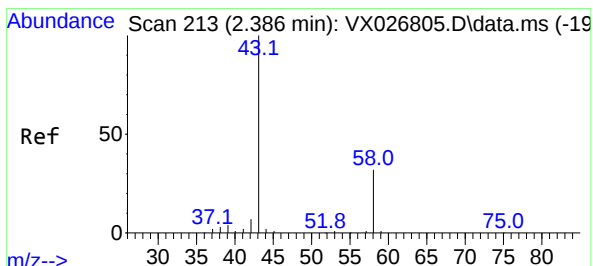
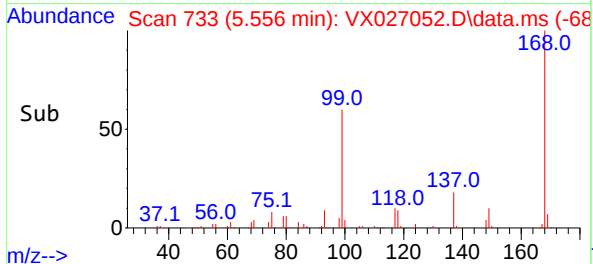
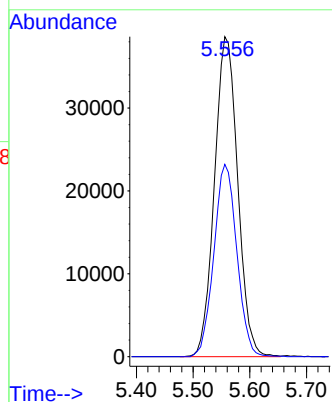
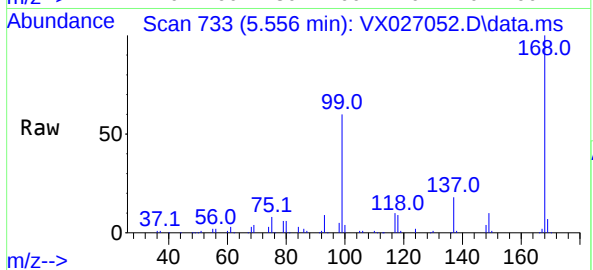




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

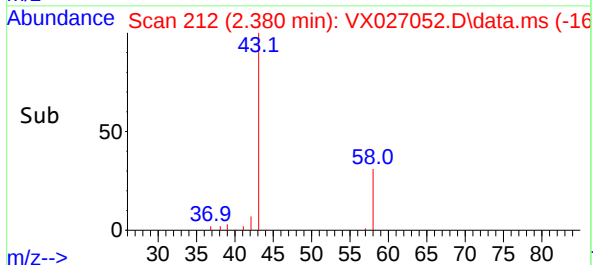
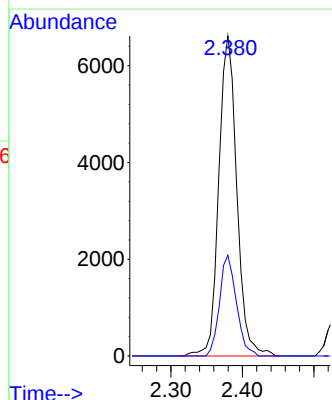
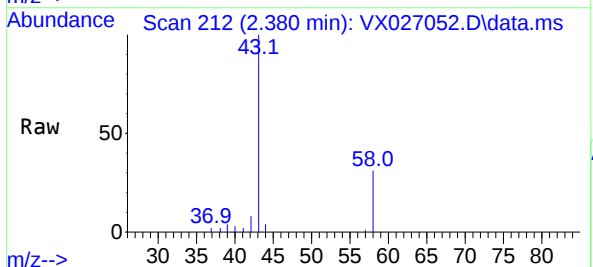
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

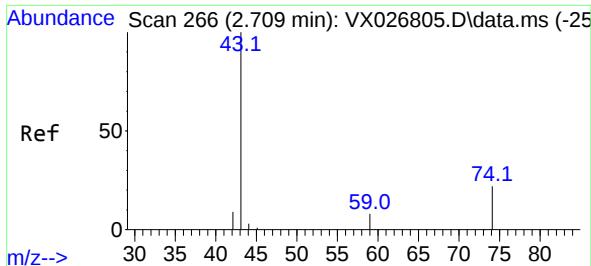
Tgt Ion:168 Resp: 109819
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#16
Acetone
Concen: 20.005 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 43 Resp: 11583
Ion Ratio Lower Upper
43 100
58 31.5 23.0 34.6

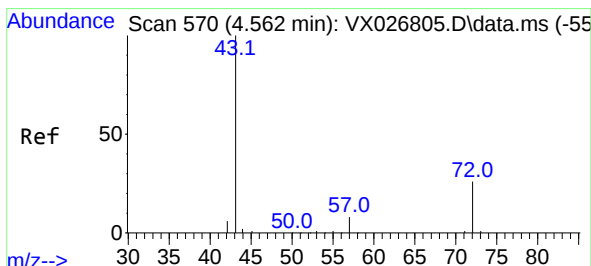
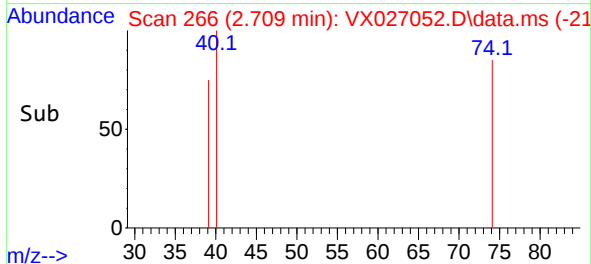
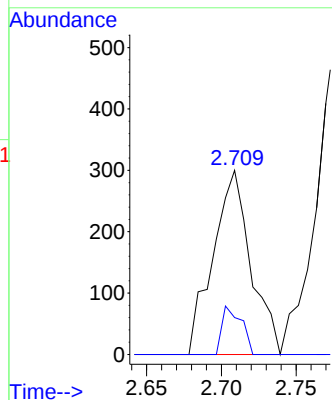
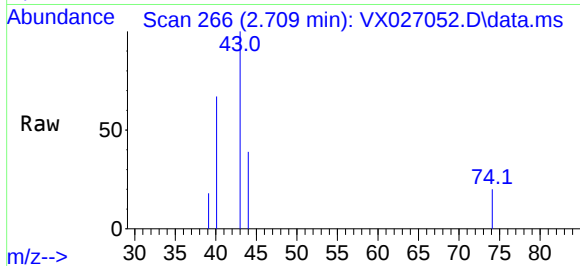




#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

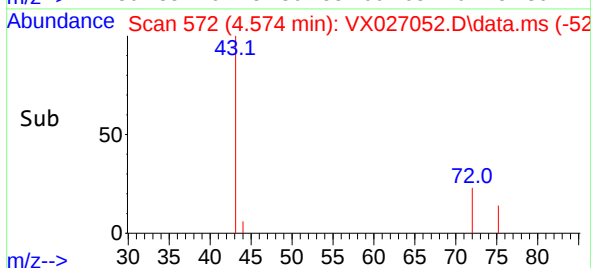
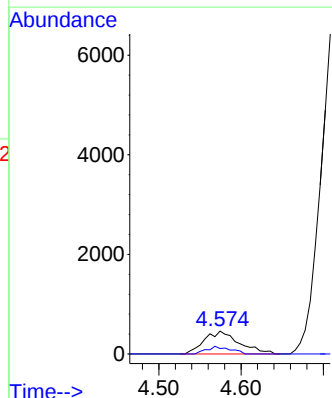
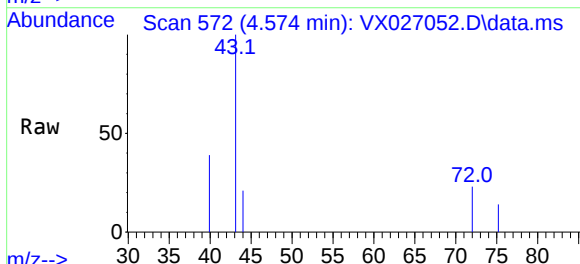
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

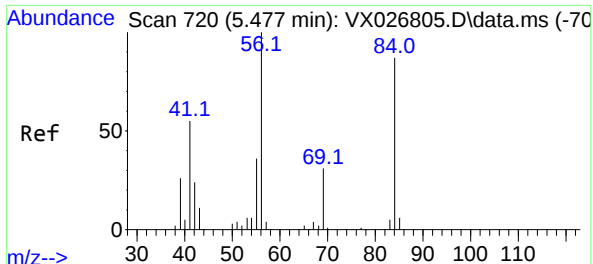
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
74 13.5 18.3 27.5#



#25
2-Butanone
Concen: 1.443 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
72 23.5 20.4 30.6

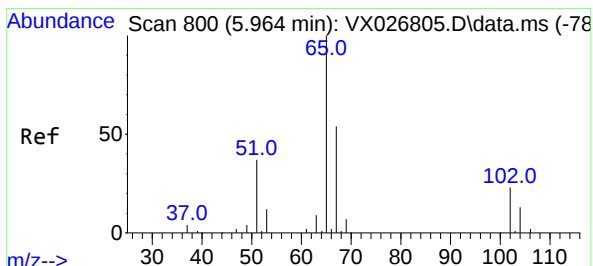
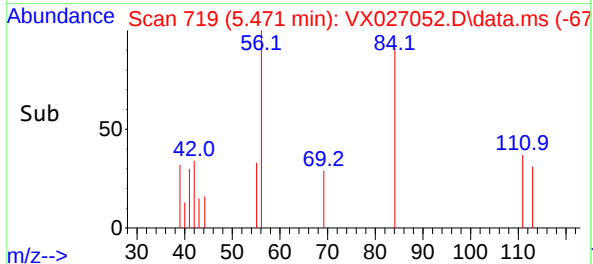
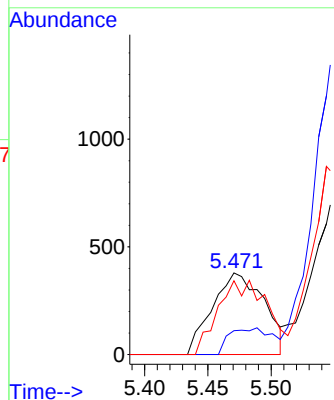
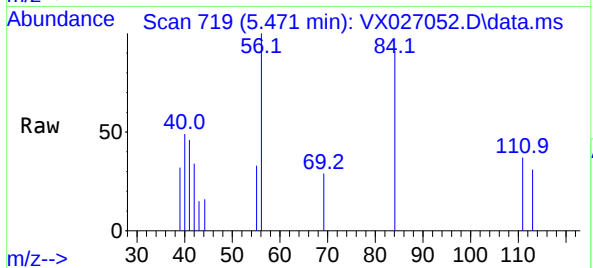




#31
Cyclohexane
Concen: 0.516 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

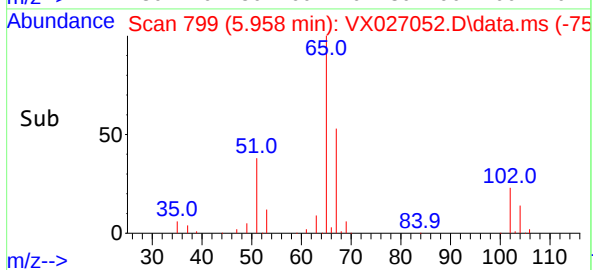
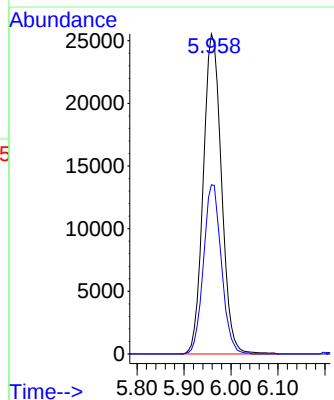
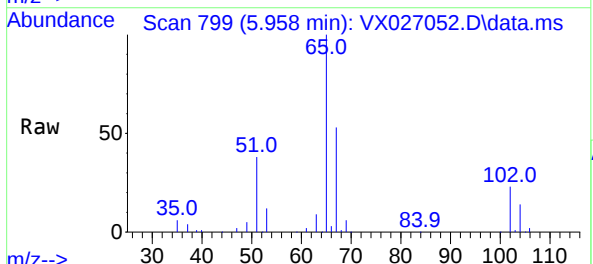
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

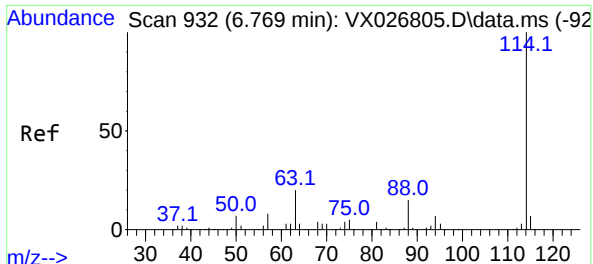
Tgt Ion: 56	Resp:	1080
Ion	Ratio	Lower Upper
56	100	
69	29.3	25.8 38.6
84	90.5	68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 52.071 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 65	Resp:	68643
Ion	Ratio	Lower Upper
65	100	
67	52.0	0.0 100.8

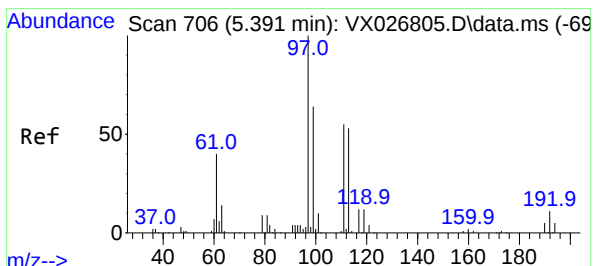
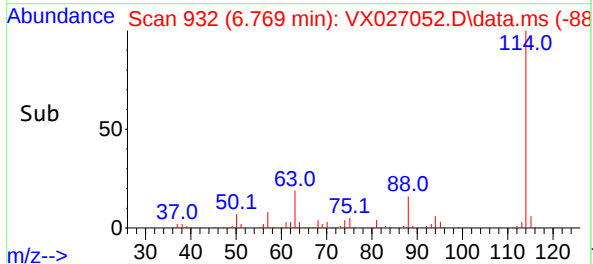
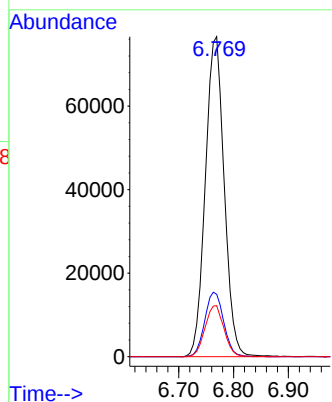
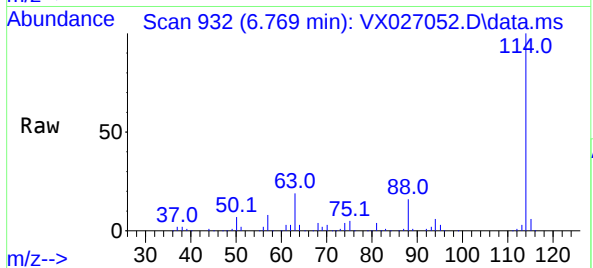




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

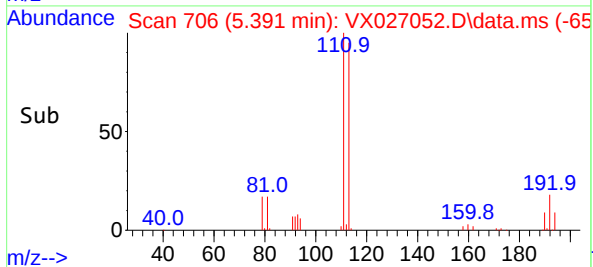
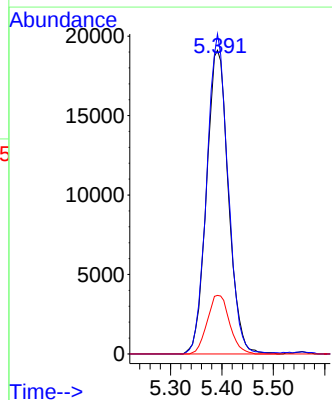
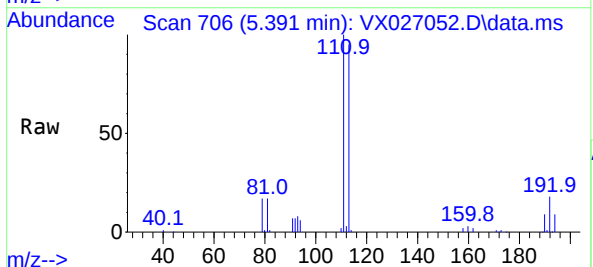
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

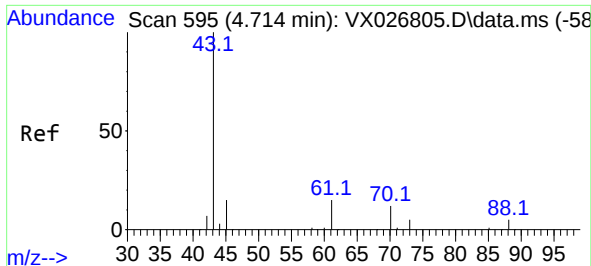
Tgt Ion:114 Resp: 182509
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.916 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion:113 Resp: 56451
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.6 15.0 22.4





#37

Ethyl Acetate

Concen: 10.398 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX027052.D

Acq: 16 Feb 2022 16:16

Instrument :

MSVOA_X

ClientSampleId :

COP-2R

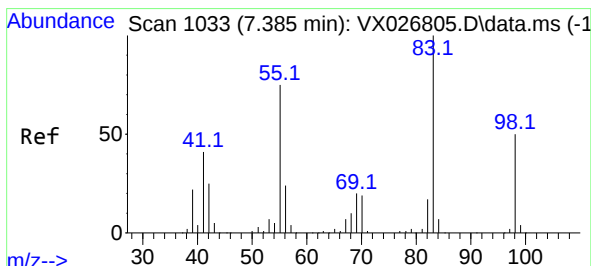
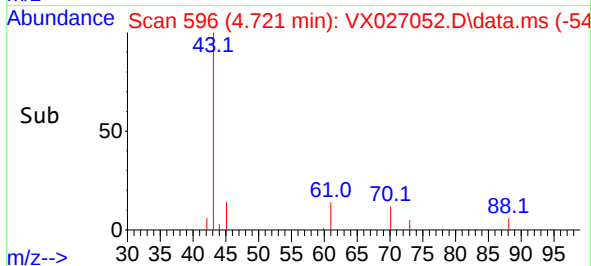
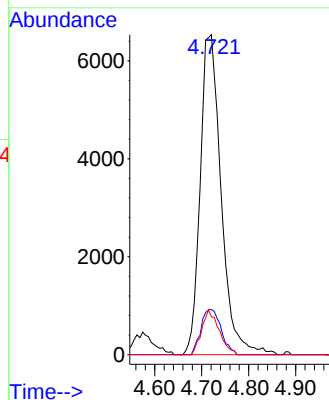
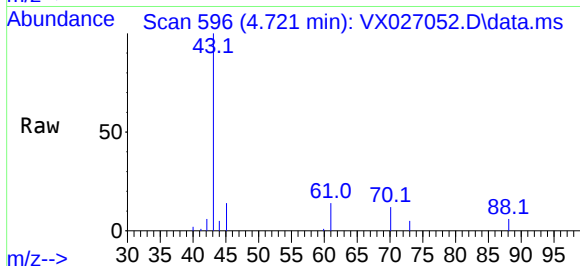
Tgt Ion: 43 Resp: 20270

Ion Ratio Lower Upper

43 100

61 13.6 10.6 16.0

70 11.6 8.5 12.7



#39

Methylcyclohexane

Concen: 0.295 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027052.D

Acq: 16 Feb 2022 16:16

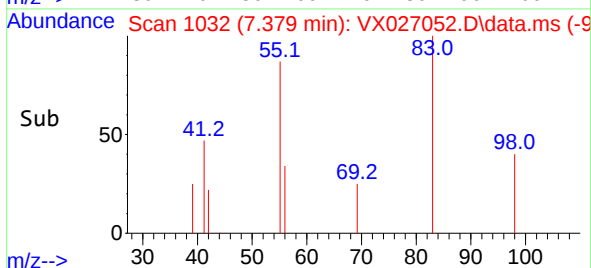
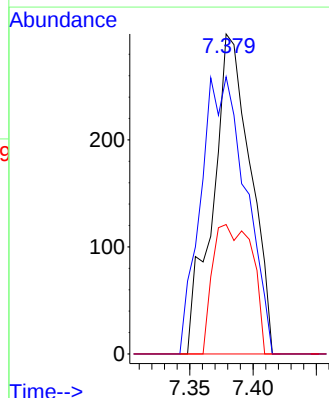
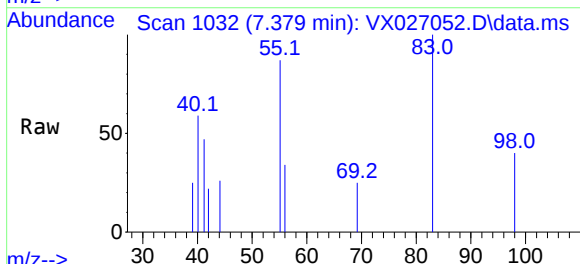
Tgt Ion: 83 Resp: 620

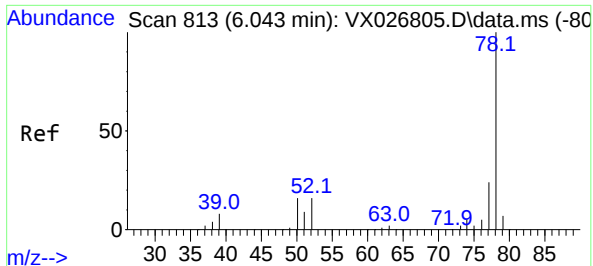
Ion Ratio Lower Upper

83 100

55 86.6 63.6 95.4

98 40.5 38.4 57.6

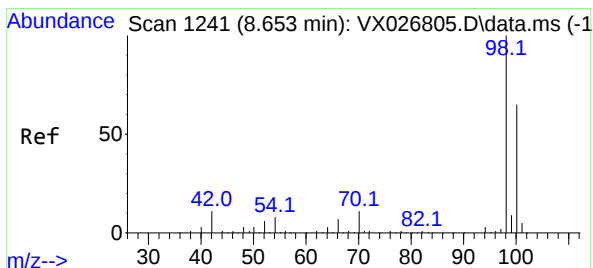
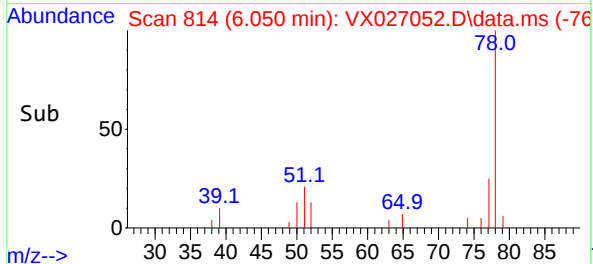
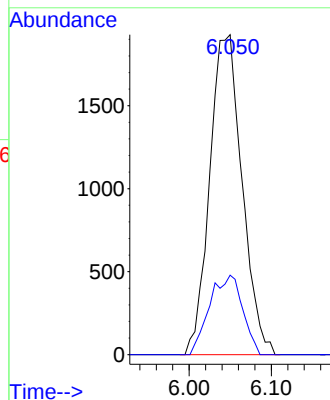
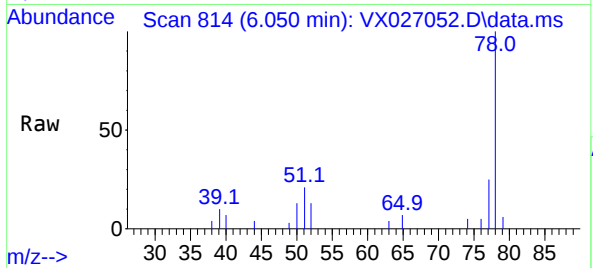




#40
Benzene
Concen: 1.055 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

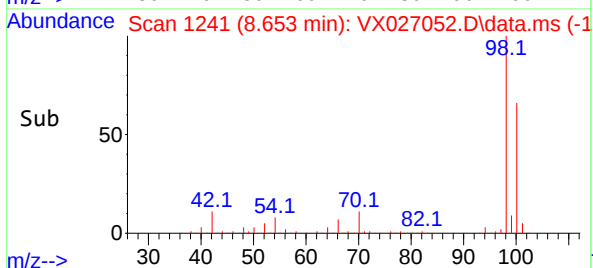
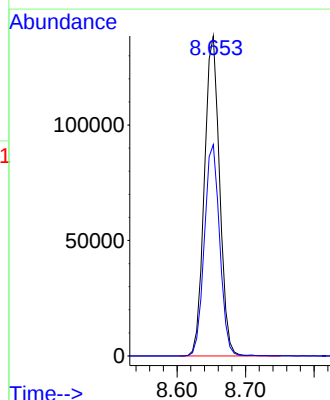
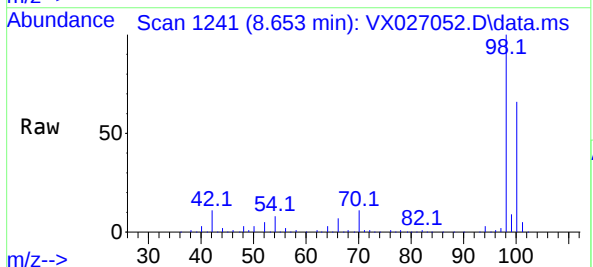
Instrument :
MSVOA_X
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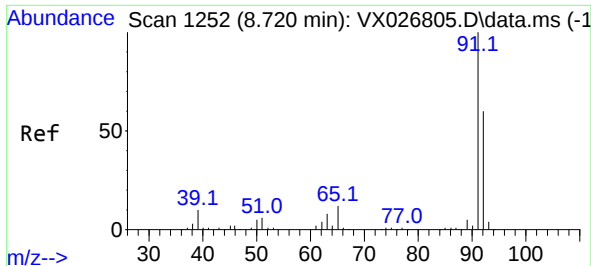
Tgt Ion: 78 Resp: 5272
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3



#50
Toluene-d8
Concen: 53.660 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 98 Resp: 214177
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8

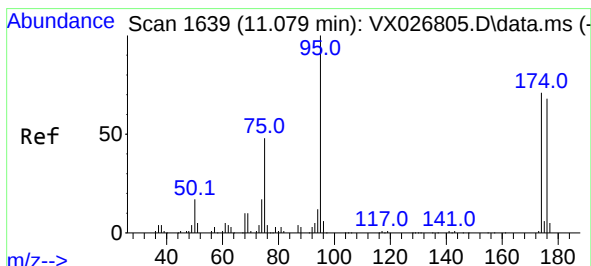
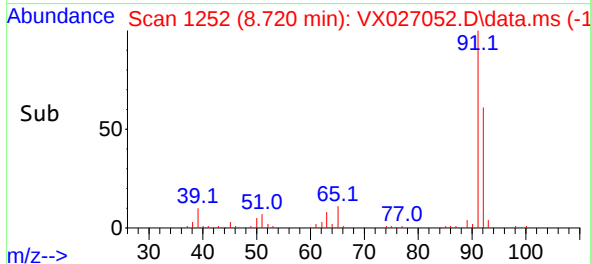
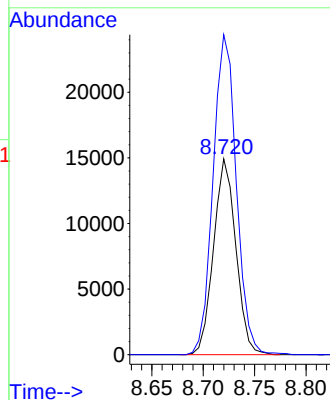
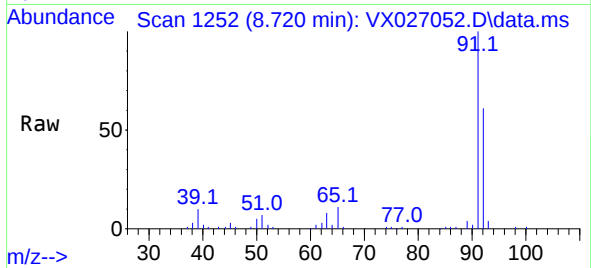




#52
Toluene
Concen: 7.111 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

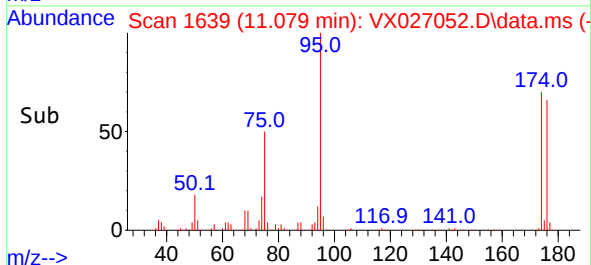
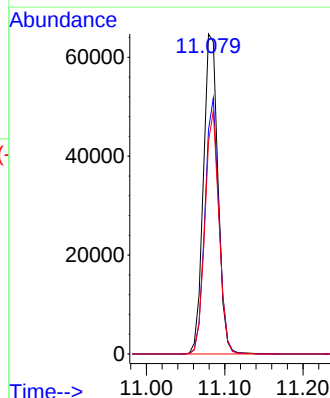
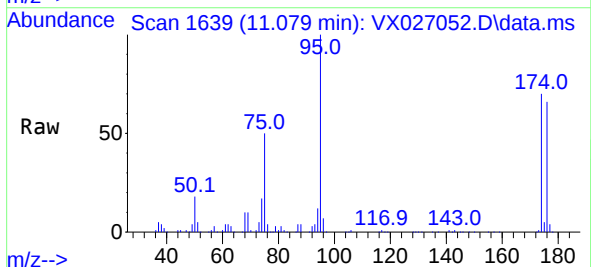
Instrument :
MSVOA_X
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COP-2R

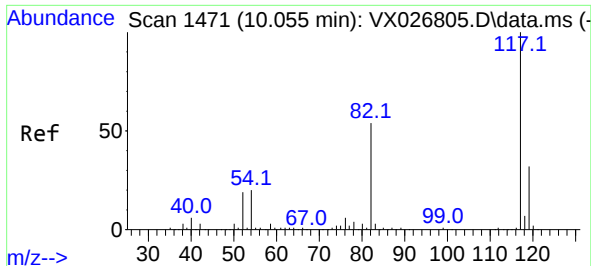
Tgt Ion: 92 Resp: 22509
Ion Ratio Lower Upper
92 100
91 170.4 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 59.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 95 Resp: 83613
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.6
176 72.9 0.0 141.4

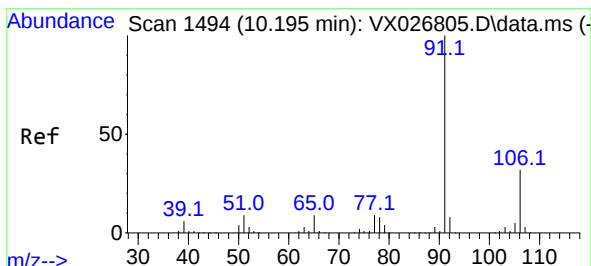
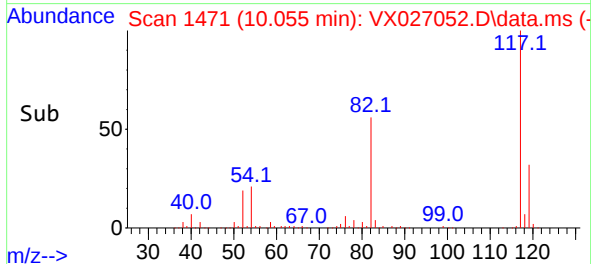
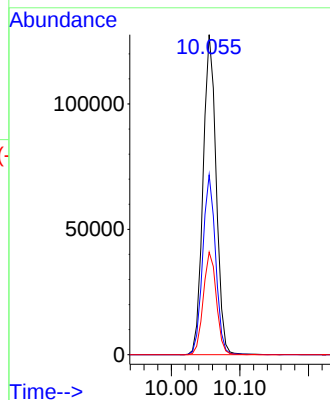
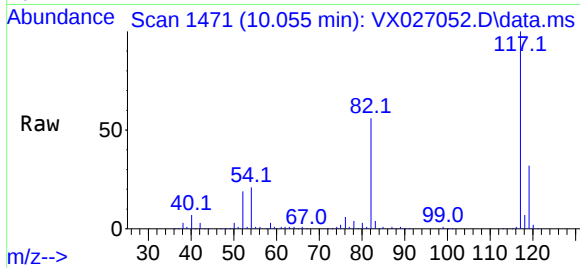




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

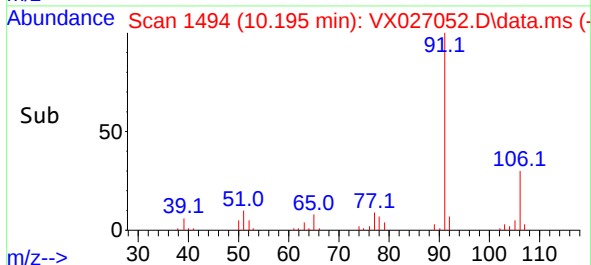
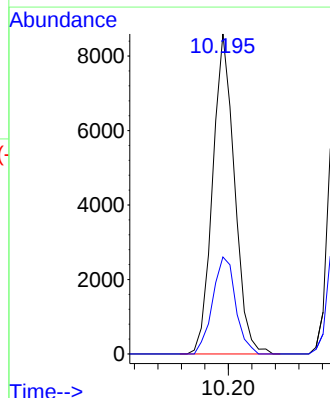
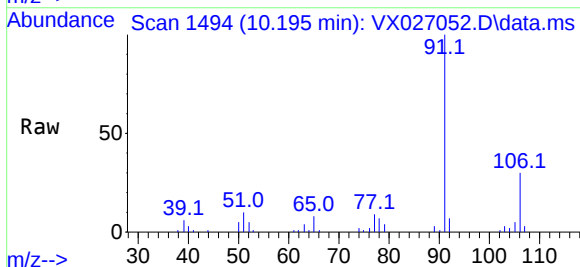
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

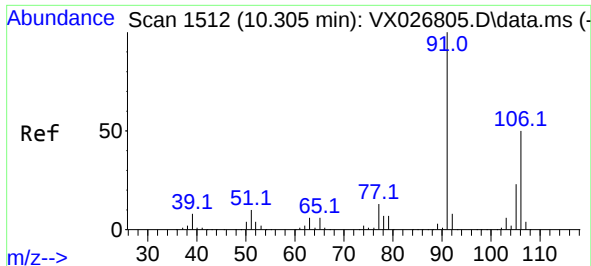
Tgt Ion:117 Resp: 170262
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 32.1 26.2 39.2



#67
Ethyl Benzene
Concen: 1.779 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion: 91 Resp: 11087
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

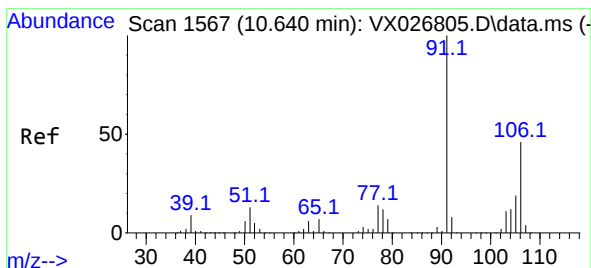
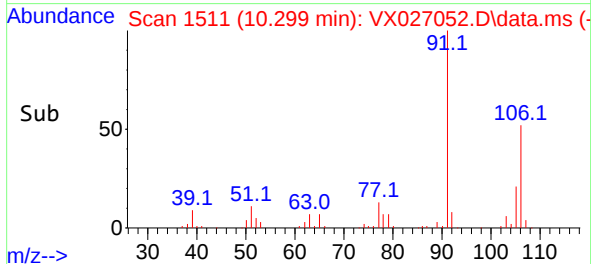
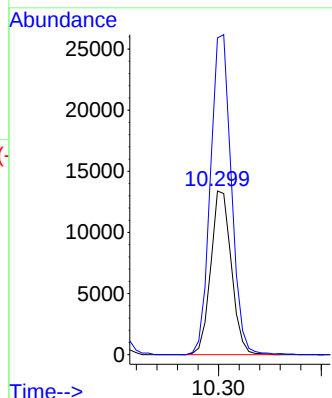
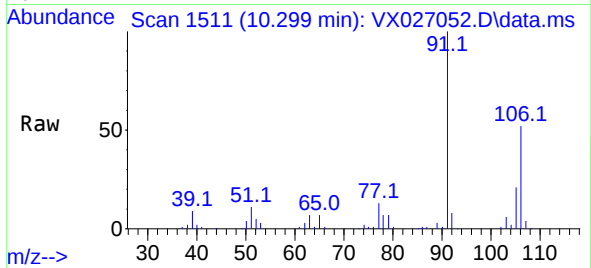




#68
m/p-Xylenes
Concen: 7.770 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

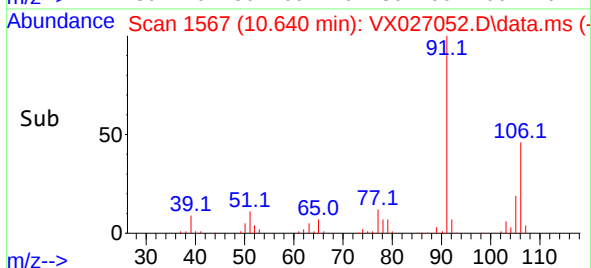
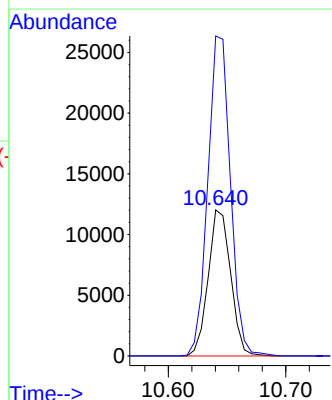
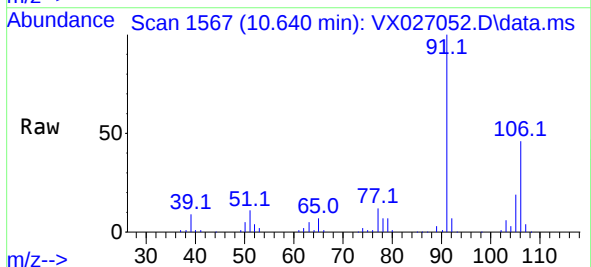
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

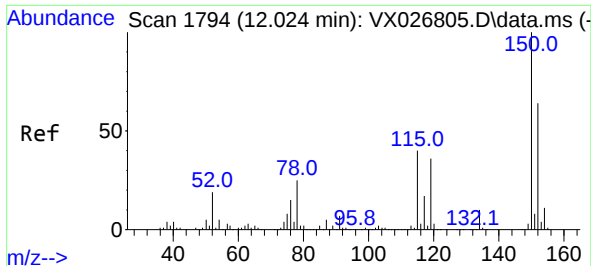
Tgt Ion:106 Resp: 18630
Ion Ratio Lower Upper
106 100
91 198.9 165.3 247.9



#69
o-Xylene
Concen: 6.796 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion:106 Resp: 15968
Ion Ratio Lower Upper
106 100
91 220.3 109.7 329.0

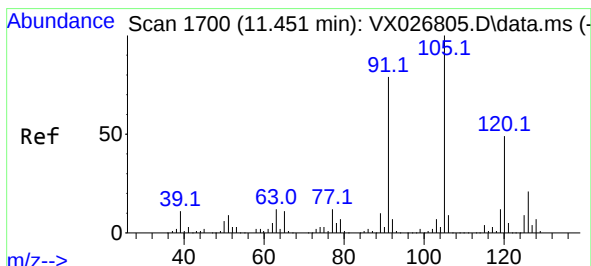
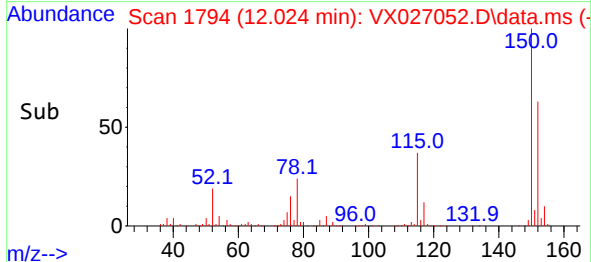
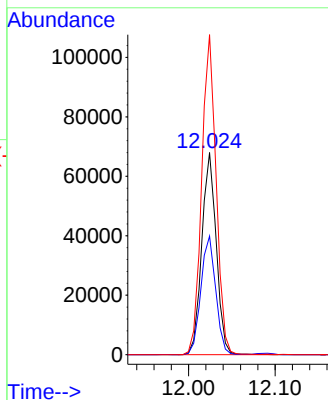
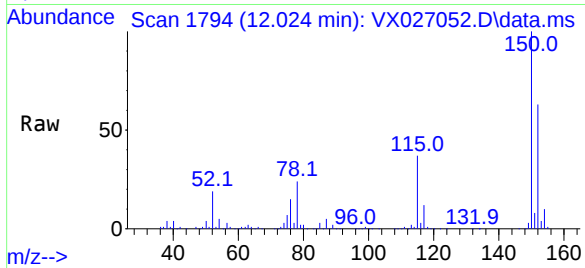




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

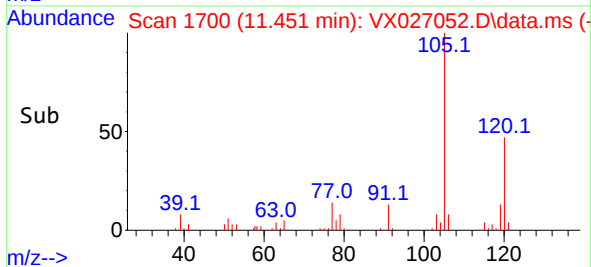
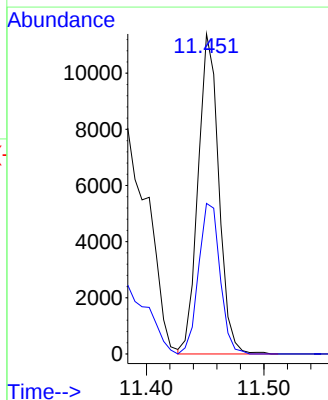
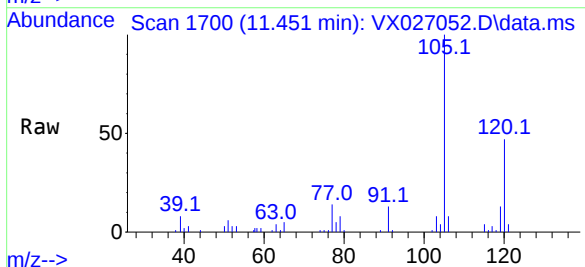
Instrument :
MSVOA_X
ClientSampleId :
COP-2R

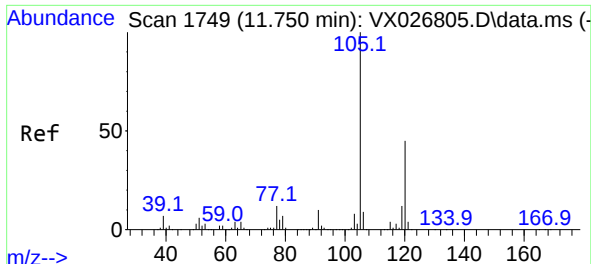
Tgt Ion:152 Resp: 78791
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 158.1 0.0 348.2



#80
1,3,5-Trimethylbenzene
Concen: 2.728 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion:105 Resp: 13936
Ion Ratio Lower Upper
105 100
120 48.8 24.0 72.0

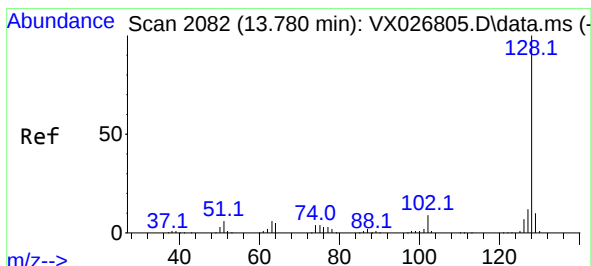
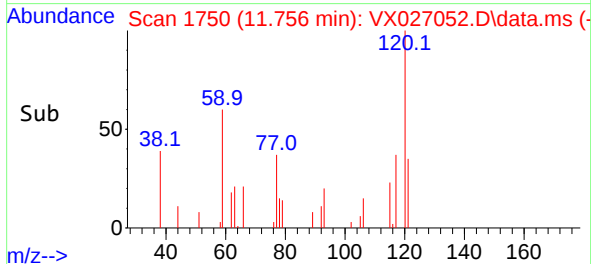
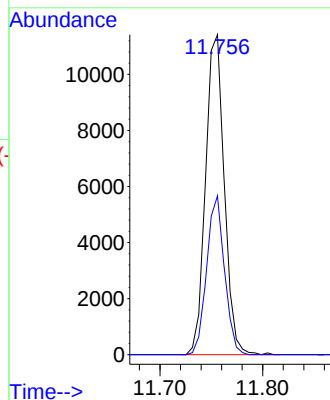
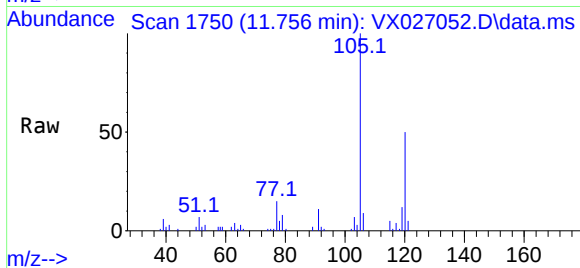




#84
1,2,4-Trimethylbenzene
Concen: 2.806 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Instrument :
MSVOA_X
ClientSampleId :
COP-2R

Tgt Ion:105 Resp: 14457
Ion Ratio Lower Upper
105 100
120 47.2 21.9 65.5



#95
Naphthalene
Concen: 1.578 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027052.D
Acq: 16 Feb 2022 16:16

Tgt Ion:128 Resp: 9099
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.7 13.1

