

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027051.D
 Acq On : 16 Feb 2022 15:53
 Operator : JC/MD
 Sample : N1575-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COP-1R

Quant Time: Feb 17 07:12:34 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)

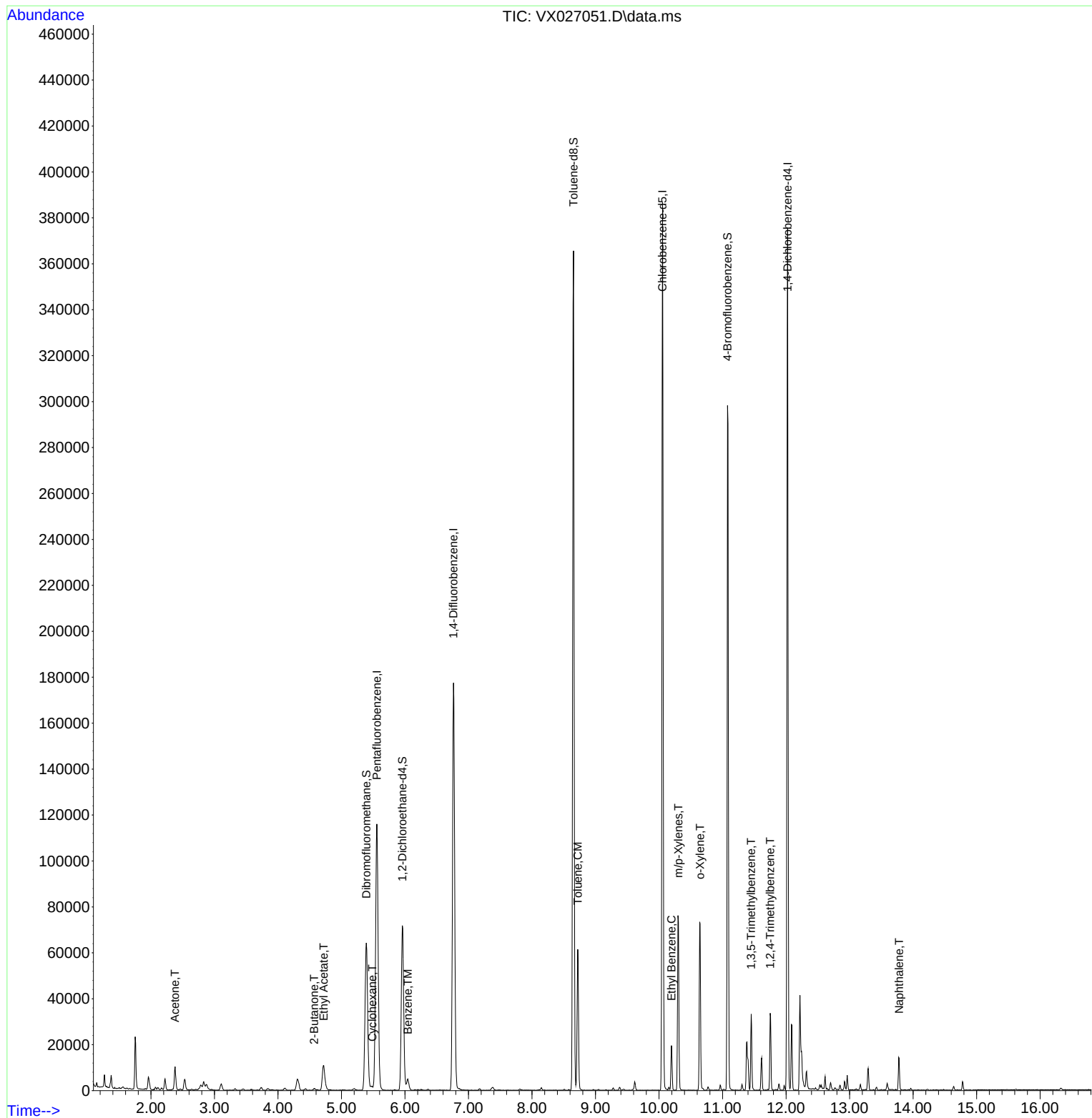
Internal Standards						
1) Pentafluorobenzene	5.556	168	110619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68792	51.806	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.620%	
35) Dibromofluoromethane	5.391	113	56905	51.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	8.653	98	216372	53.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	11.079	95	83169	58.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.360%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	10640	18.244	ug/l #	89
25) 2-Butanone	4.568	43	1425	1.517	ug/l	94
31) Cyclohexane	5.482	56	1110	0.526	ug/l	99
37) Ethyl Acetate	4.720	43	19988	10.165	ug/l	98
40) Benzene	6.043	78	5395	1.070	ug/l	94
52) Toluene	8.720	92	22886	7.168	ug/l	98
67) Ethyl Benzene	10.195	91	11019	1.756	ug/l	96
68) m/p-Xylenes	10.305	106	18542	7.680	ug/l	98
69) o-Xylene	10.646	106	16487	6.969	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14420	2.883	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15408	3.054	ug/l	100
95) Naphthalene	13.780	128	9411	1.667	ug/l	99

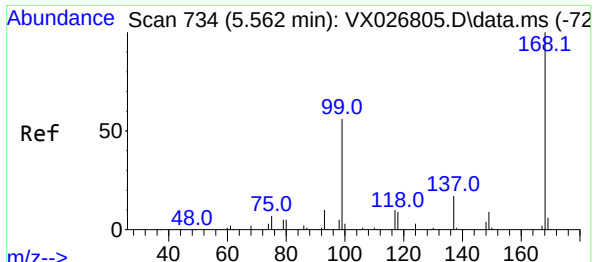
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
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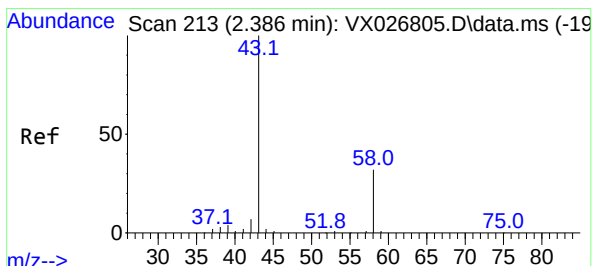
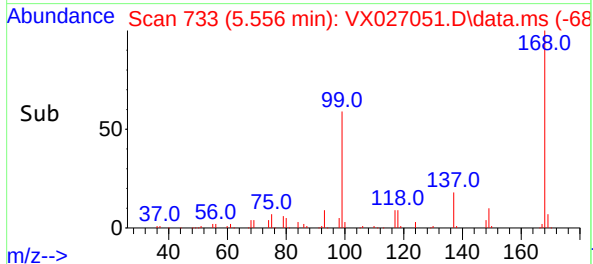
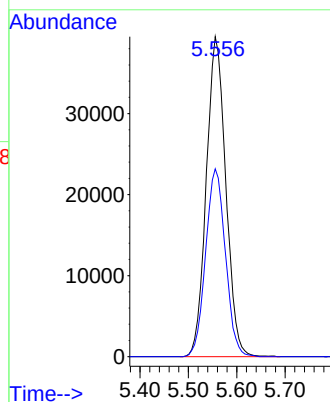
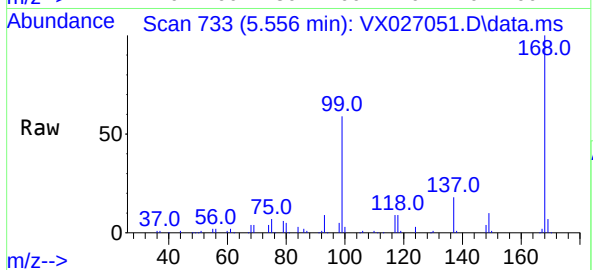




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

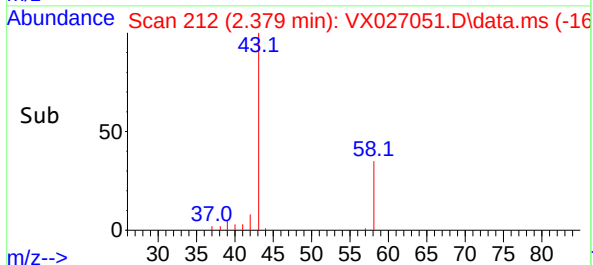
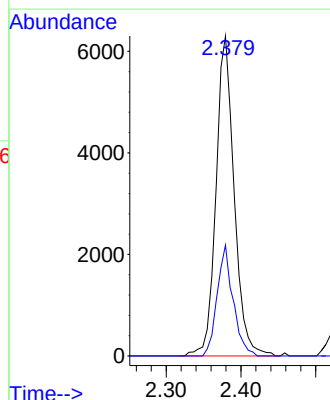
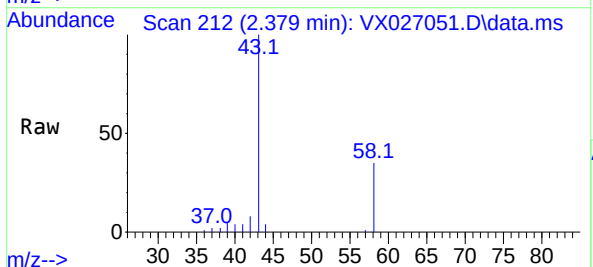
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

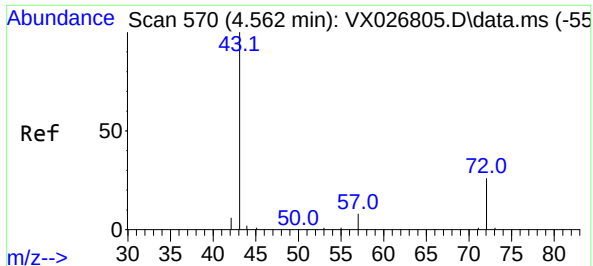
Tgt Ion:168 Resp: 110619
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#16
Acetone
Concen: 18.244 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
58 34.7 23.0 34.6#

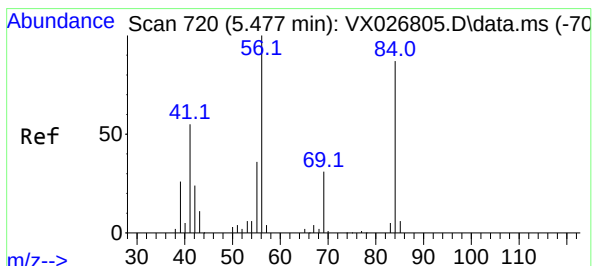
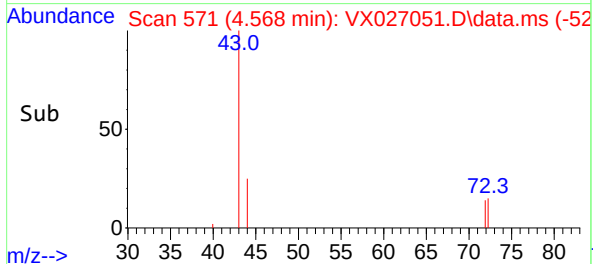
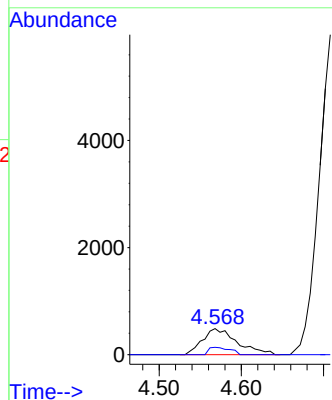
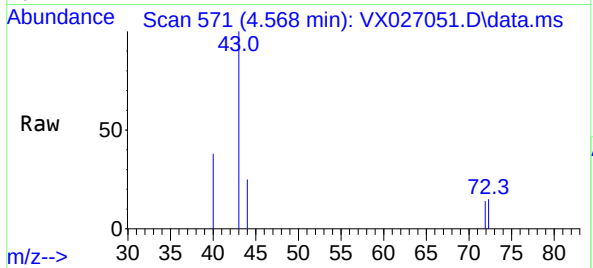




#25
2-Butanone
Concen: 1.517 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

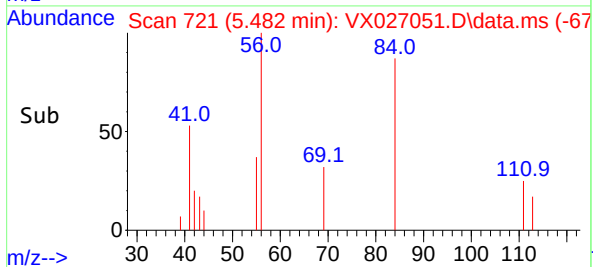
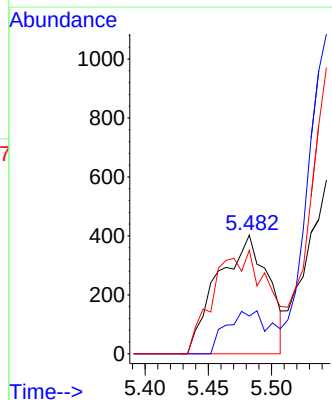
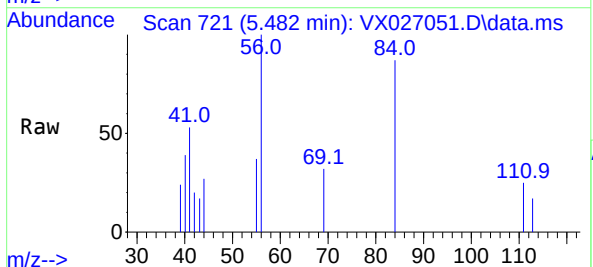
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

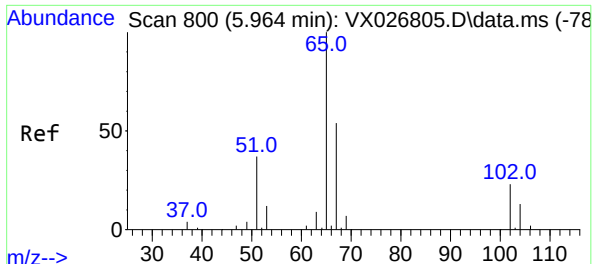
Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
72 28.3 20.4 30.6



#31
Cyclohexane
Concen: 0.526 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion: 56 Resp: 1110
Ion Ratio Lower Upper
56 100
69 31.8 25.8 38.6
84 87.1 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 51.806 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027051.D

Acq: 16 Feb 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

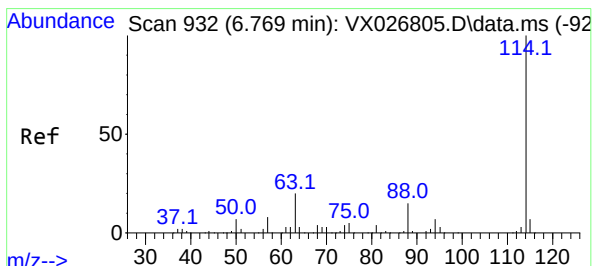
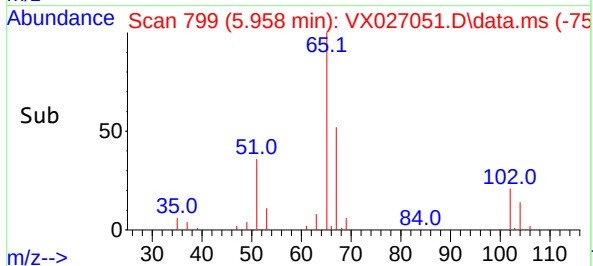
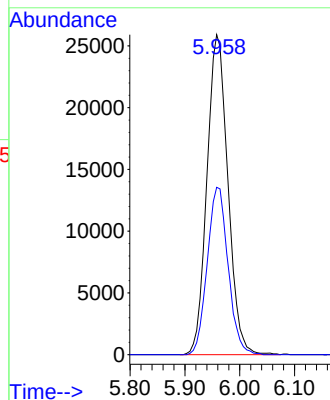
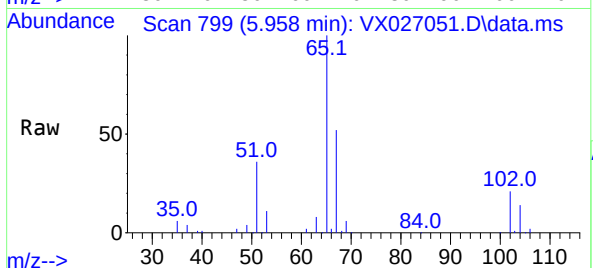
COP-1R

Tgt Ion: 65 Resp: 68792

Ion Ratio Lower Upper

65 100

67 52.0 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: VX027051.D

Acq: 16 Feb 2022 15:53

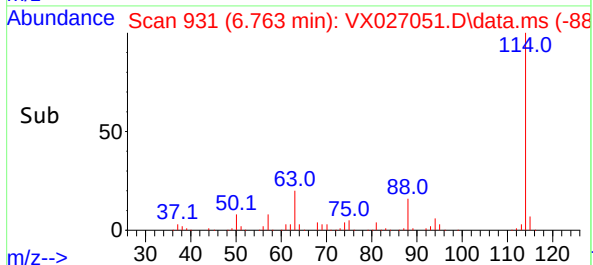
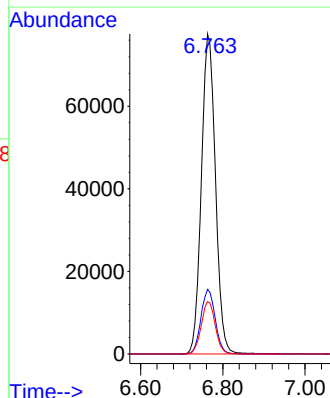
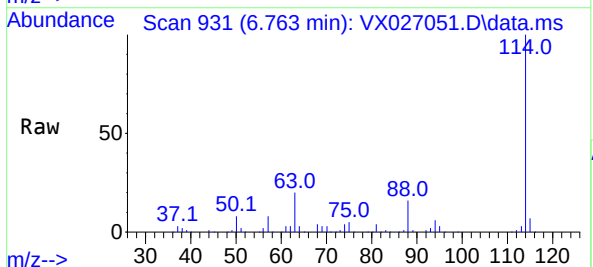
Tgt Ion: 114 Resp: 184093

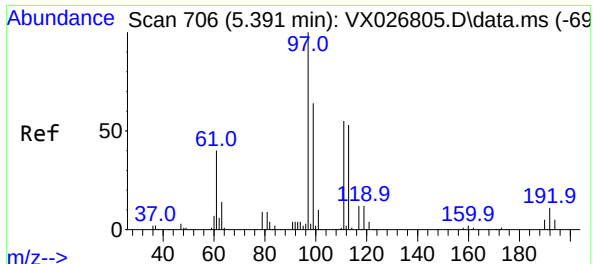
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 16.3 0.0 33.0



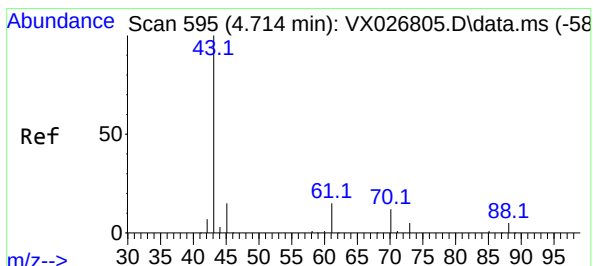
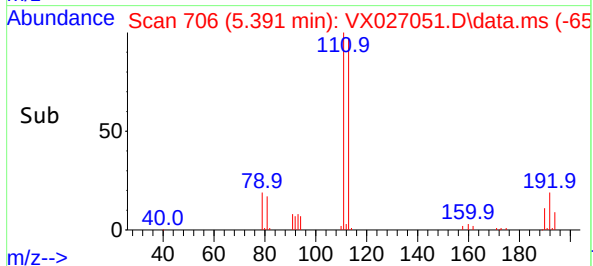
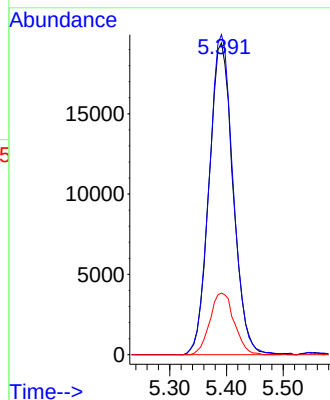
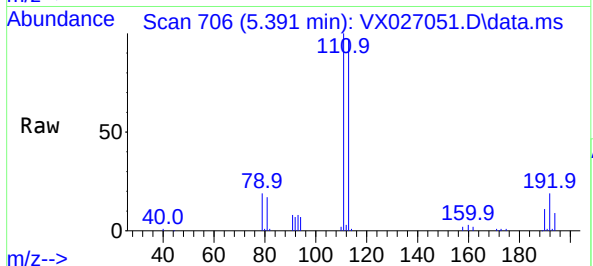


#35
 Dibromofluoromethane
 Concen: 51.883 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX027051.D
 Acq: 16 Feb 2022 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 COP-1R

Tgt Ion:113 Resp: 56905

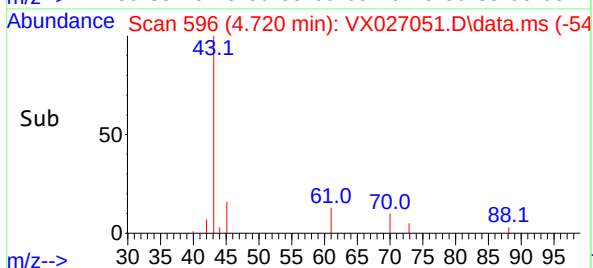
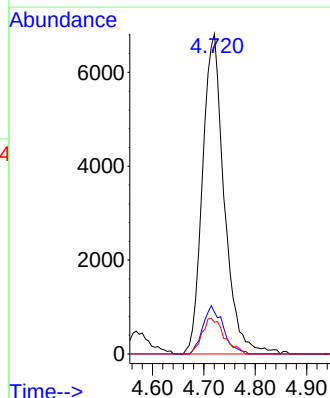
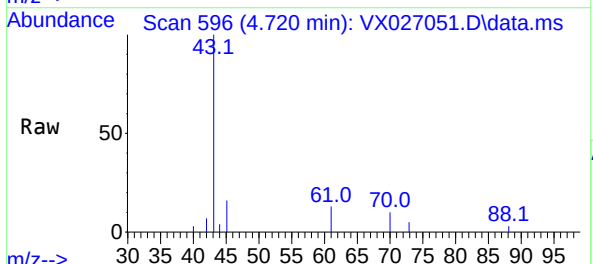
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	20.0	15.0	22.4

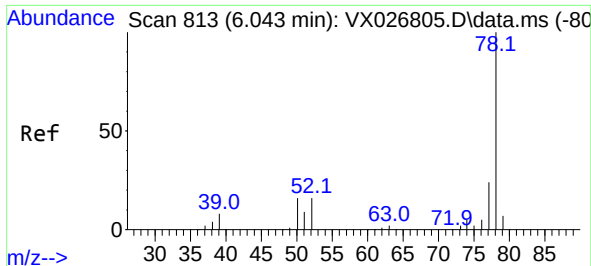


#37
 Ethyl Acetate
 Concen: 10.165 ug/l
 RT: 4.720 min Scan# 596
 Delta R.T. 0.006 min
 Lab File: VX027051.D
 Acq: 16 Feb 2022 15:53

Tgt Ion: 43 Resp: 19988

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.3	8.5	12.7

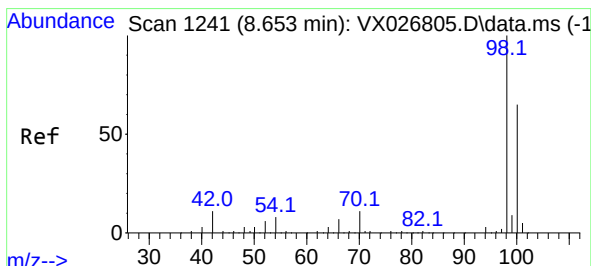
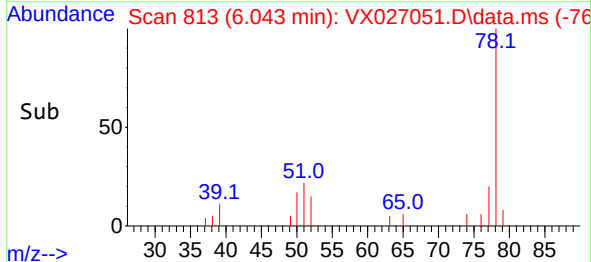
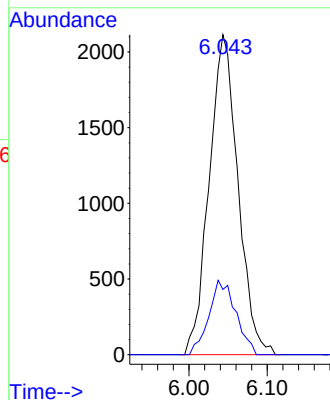
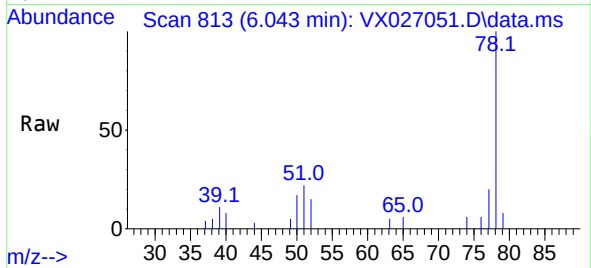




#40
Benzene
Concen: 1.070 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

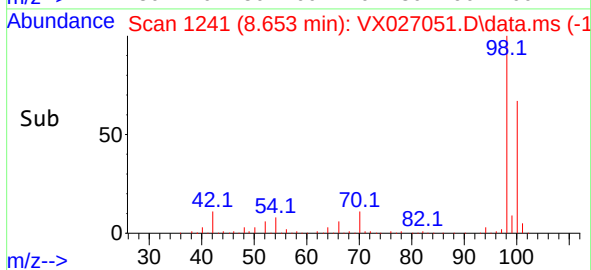
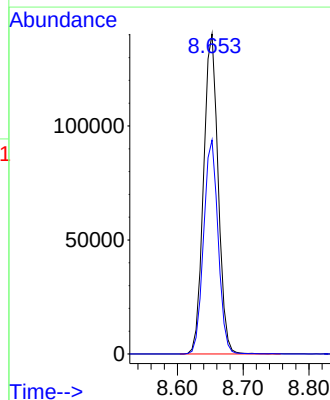
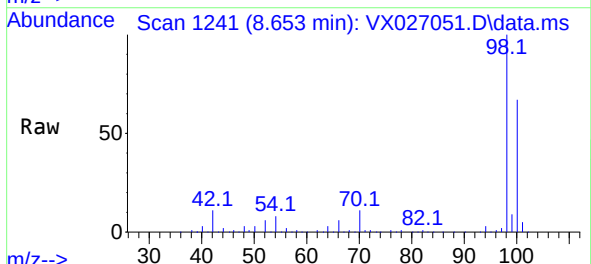
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

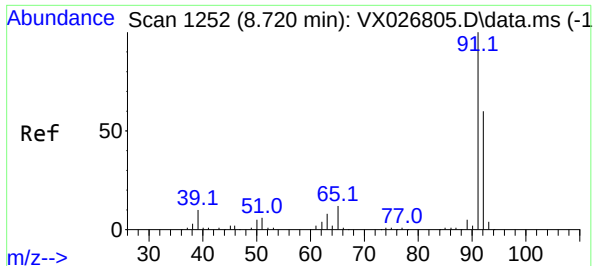
Tgt Ion: 78 Resp: 5395
Ion Ratio Lower Upper
78 100
77 20.4 18.9 28.3



#50
Toluene-d8
Concen: 53.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion: 98 Resp: 216372
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

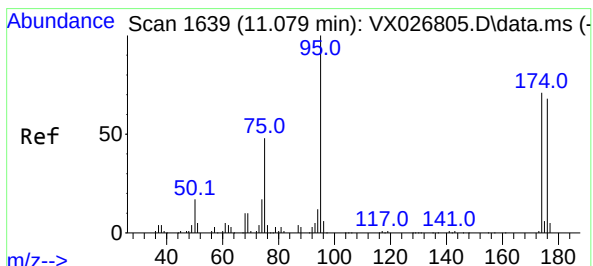
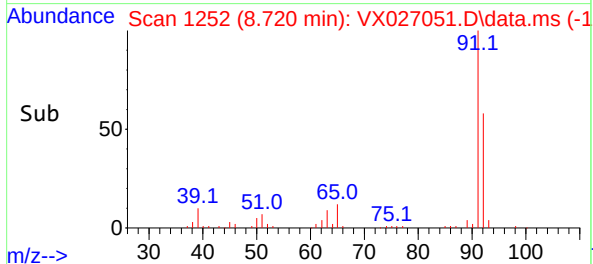
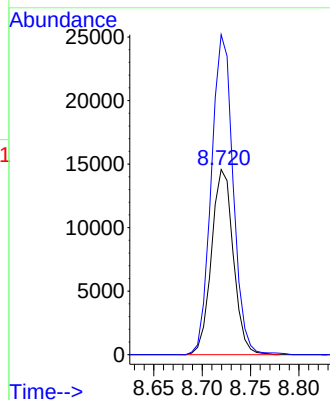
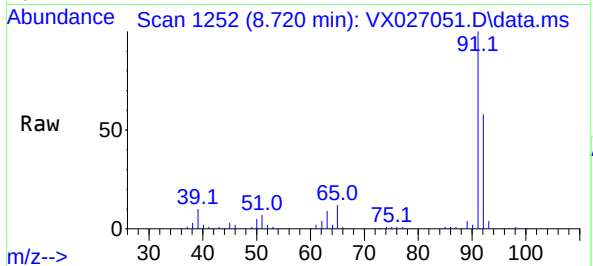




#52
Toluene
Concen: 7.168 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

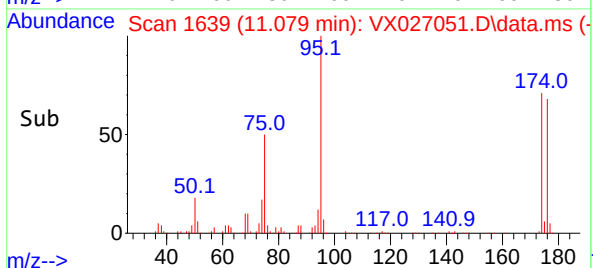
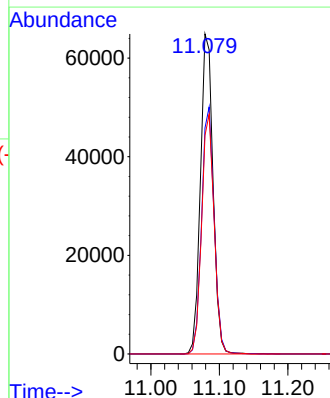
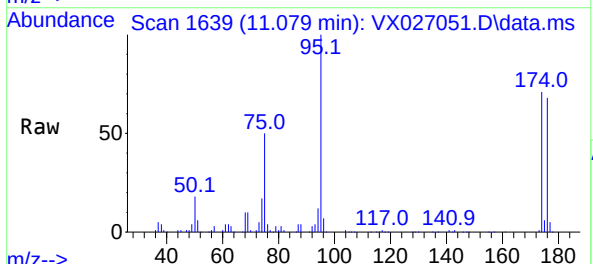
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ClientSampleId :
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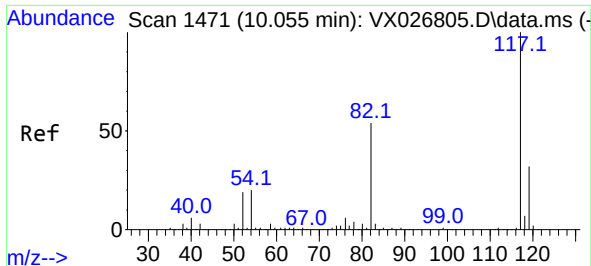
Tgt Ion: 92 Resp: 22886
Ion Ratio Lower Upper
92 100
91 172.7 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 58.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion: 95 Resp: 83169
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.6
176 74.3 0.0 141.4

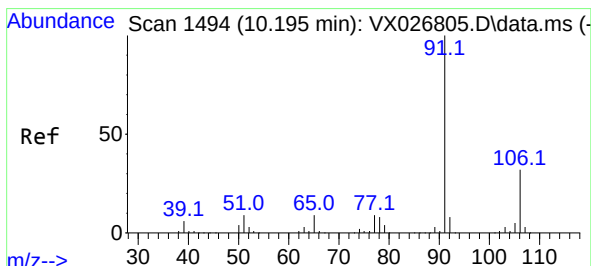
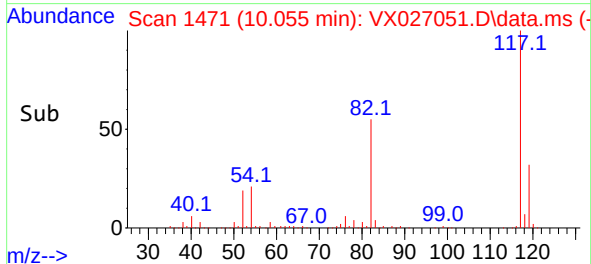
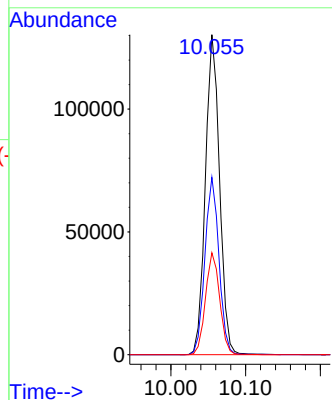
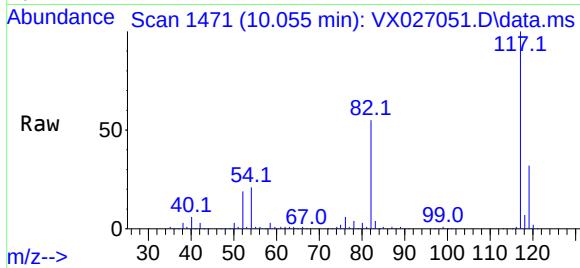




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

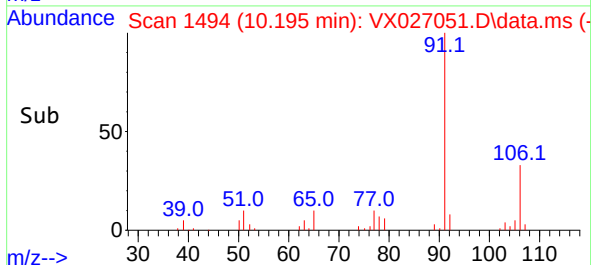
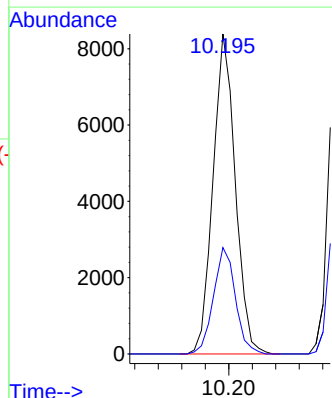
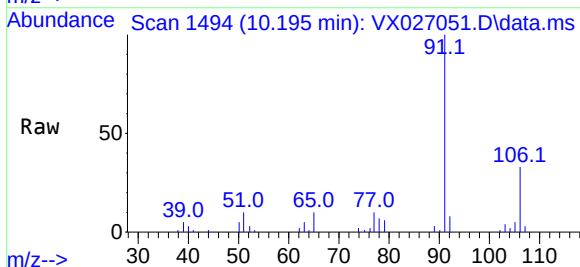
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

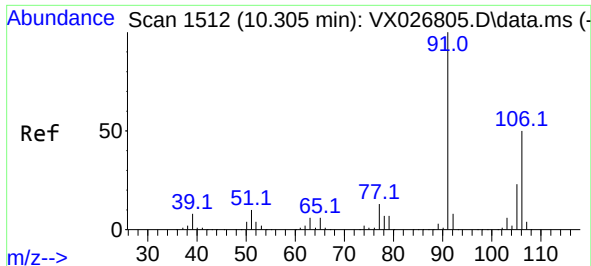
Tgt Ion:117 Resp: 171432
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.9 26.2 39.2



#67
Ethyl Benzene
Concen: 1.756 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion: 91 Resp: 11019
Ion Ratio Lower Upper
91 100
106 33.2 24.7 37.1

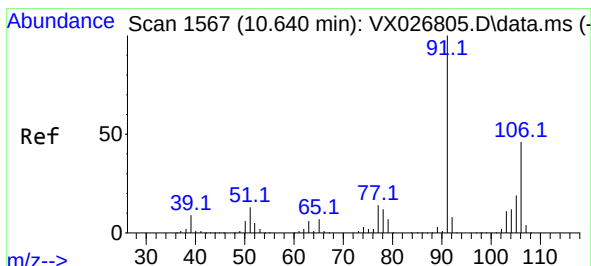
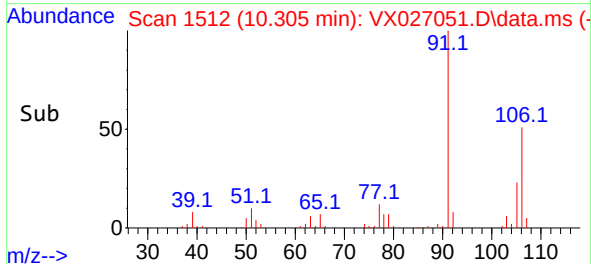
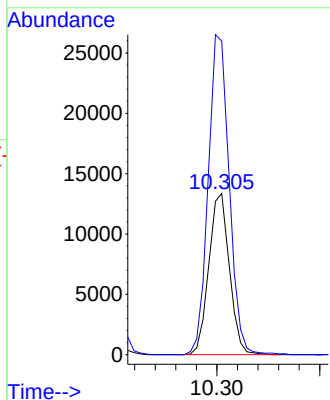
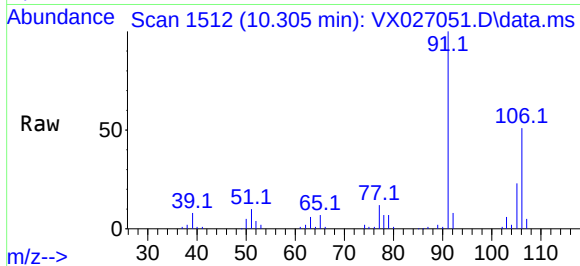




#68
m/p-Xylenes
Concen: 7.680 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

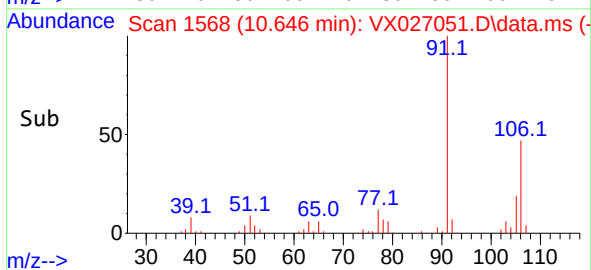
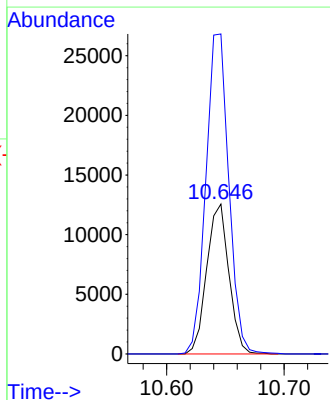
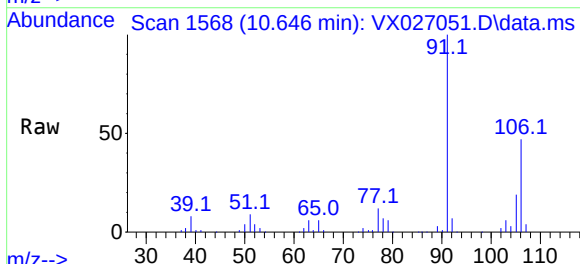
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

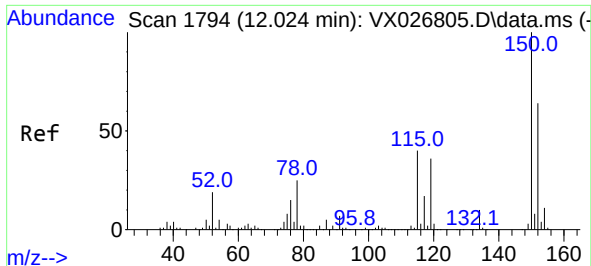
Tgt Ion:106 Resp: 18542
Ion Ratio Lower Upper
106 100
91 202.8 165.3 247.9



#69
o-Xylene
Concen: 6.969 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion:106 Resp: 16487
Ion Ratio Lower Upper
106 100
91 220.6 109.7 329.0

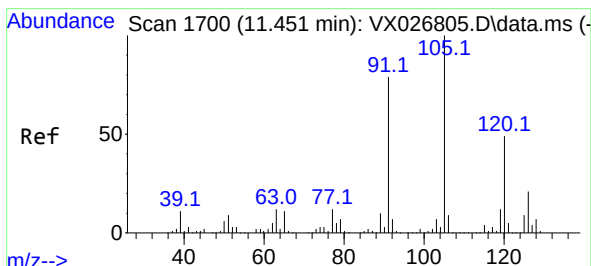
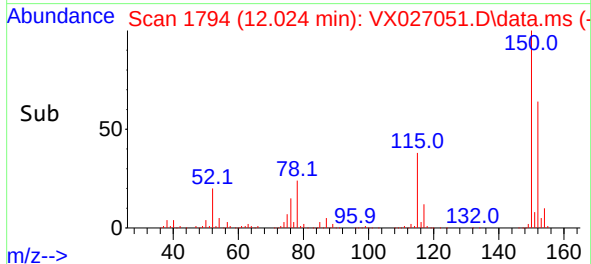
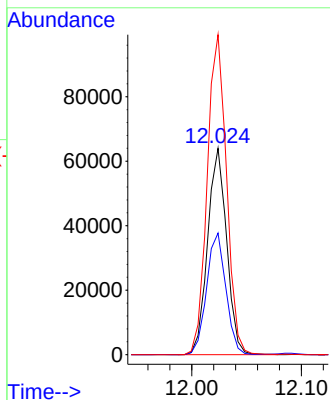
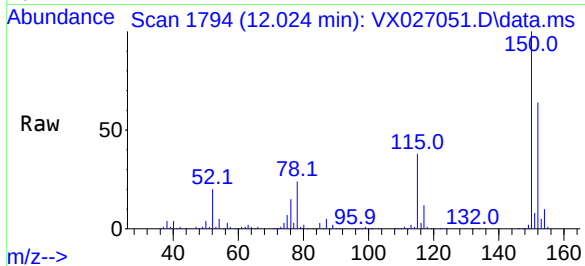




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

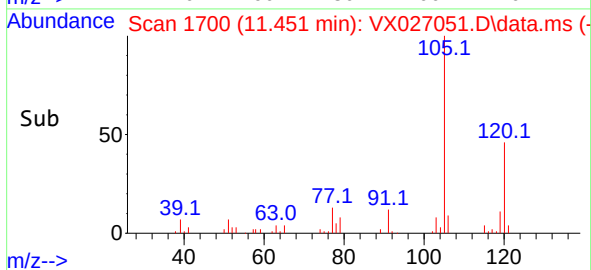
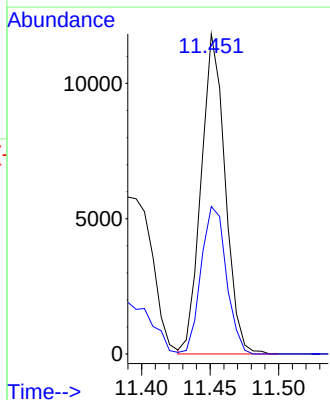
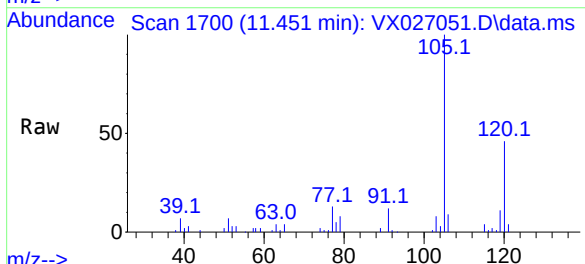
Instrument :
MSVOA_X
ClientSampleId :
COP-1R

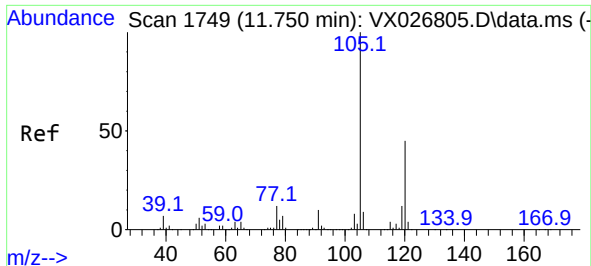
Tgt Ion:152 Resp: 77159
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 157.4 0.0 348.2



#80
1,3,5-Trimethylbenzene
Concen: 2.883 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion:105 Resp: 14420
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0

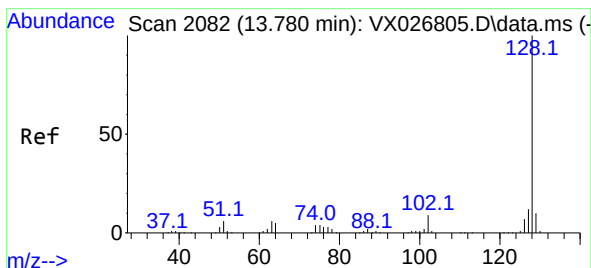
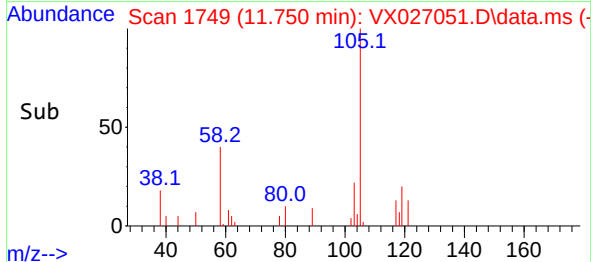
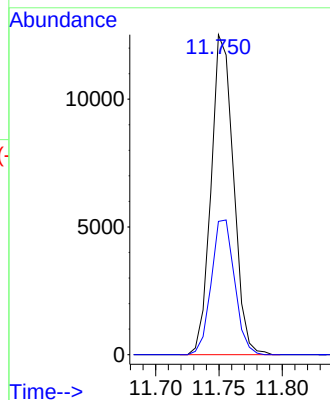
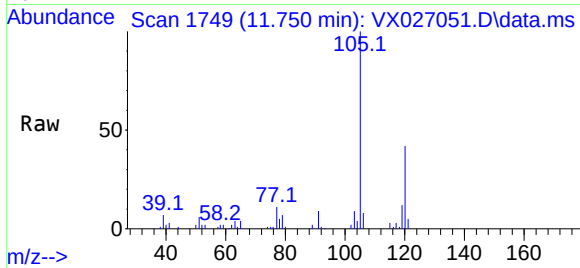




#84
1,2,4-Trimethylbenzene
Concen: 3.054 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
COP-1R

Tgt Ion:105 Resp: 15408
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5



#95
Naphthalene
Concen: 1.667 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027051.D
Acq: 16 Feb 2022 15:53

Tgt Ion:128 Resp: 9411
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.7 8.7 13.1

