

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026228.D
 Acq On : 03 Jan 2022 18:19
 Operator : JC/MD
 Sample : M5328-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40440

Quant Time: Jan 04 03:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

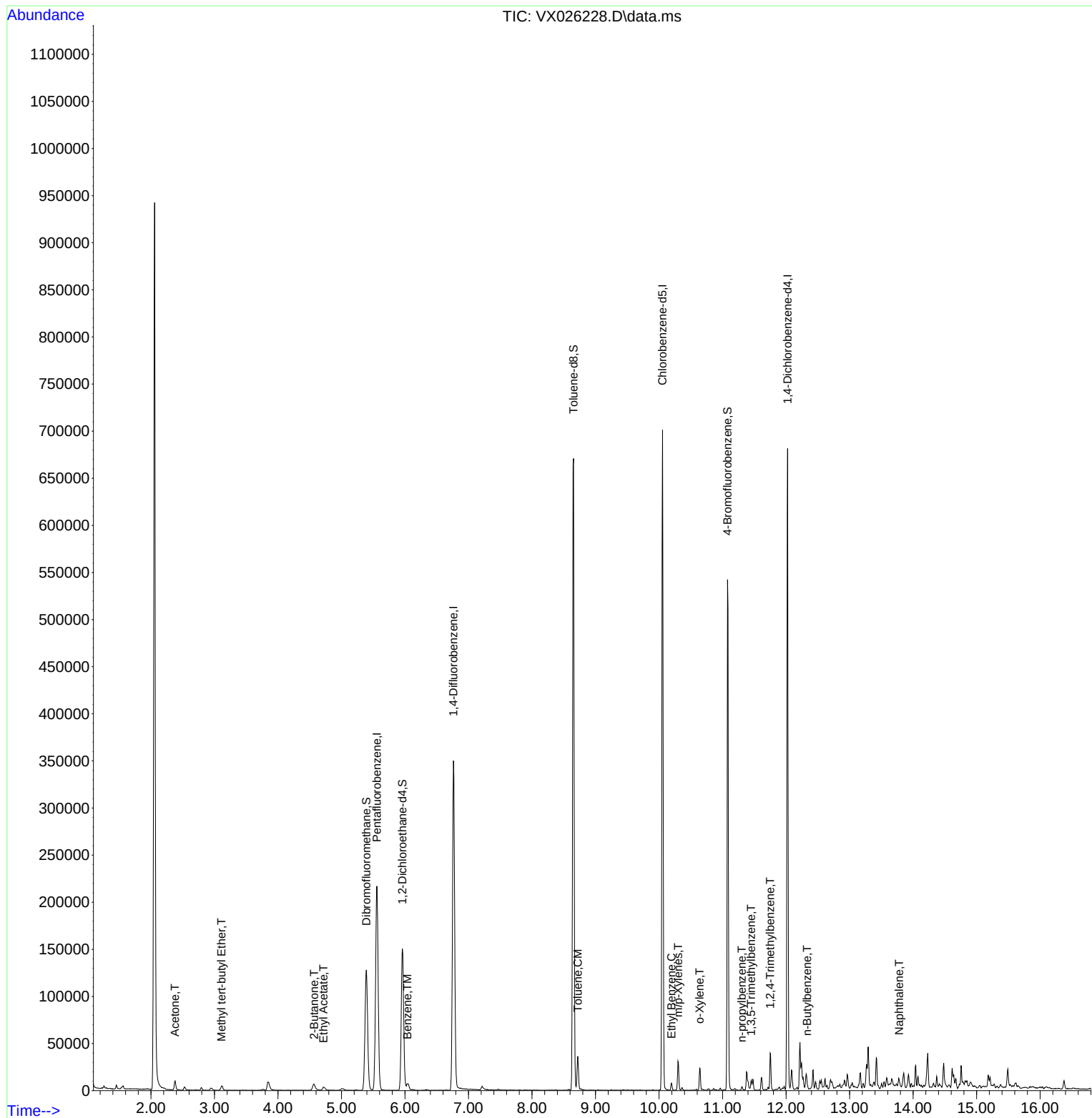
Internal Standards						
1) Pentafluorobenzene	5.556	168	192405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	336288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149494	53.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.420%	
35) Dibromofluoromethane	5.391	113	109341	50.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	8.653	98	397861	48.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.079	95	139596	48.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.440%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	11087	7.351	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	5016	0.674	ug/l	97
25) 2-Butanone	4.568	43	9321	4.437	ug/l	93
37) Ethyl Acetate	4.715	43	6856	1.677	ug/l #	92
40) Benzene	6.038	78	7908	0.786	ug/l	99
52) Toluene	8.720	92	12097	1.952	ug/l	97
67) Ethyl Benzene	10.195	91	4413	0.381	ug/l	94
68) m/p-Xylenes	10.299	106	6730	1.557	ug/l	86
69) o-Xylene	10.640	106	4998	1.182	ug/l	90
78) n-propylbenzene	11.305	91	2538	0.228	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4375	0.544	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	16324	2.032	ug/l	100
89) n-Butylbenzene	12.329	91	2549	0.353	ug/l #	43
95) Naphthalene	13.780	128	5520	0.573	ug/l #	95

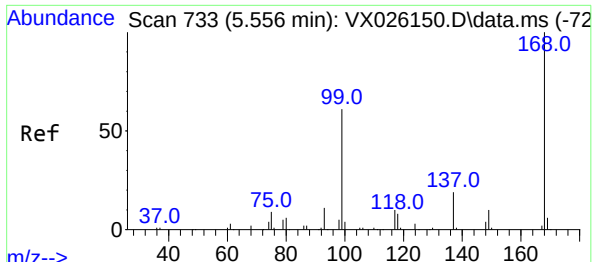
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026228.D
Acq On : 03 Jan 2022 18:19
Operator : JC/MD
Sample : M5328-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
40440

Quant Time: Jan 04 03:53:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

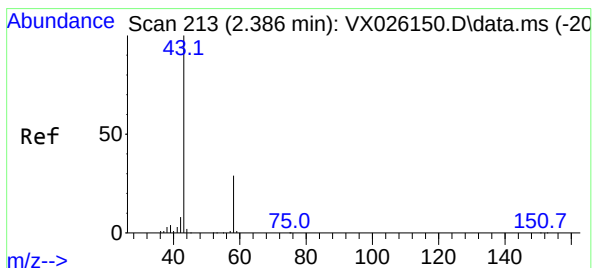
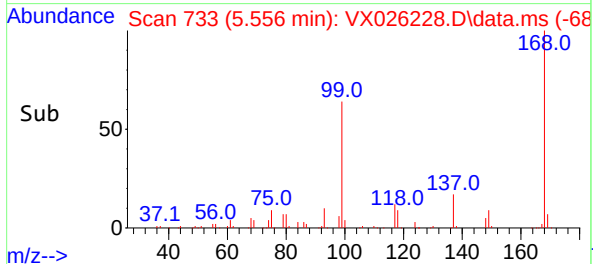
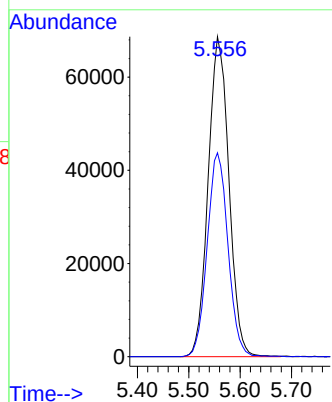
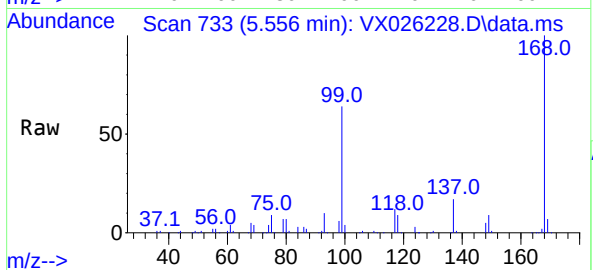




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

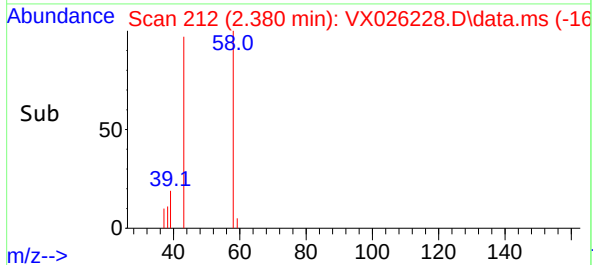
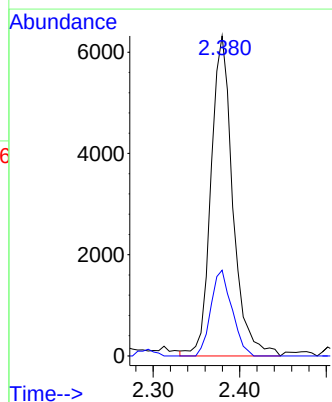
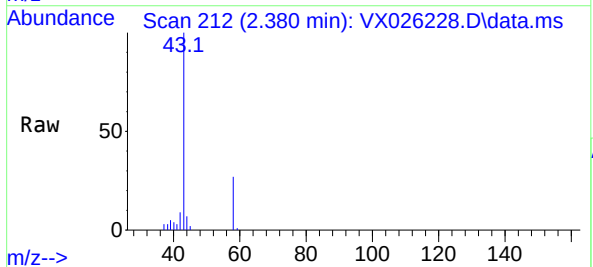
Instrument :
MSVOA_X
ClientSampleId :
40440

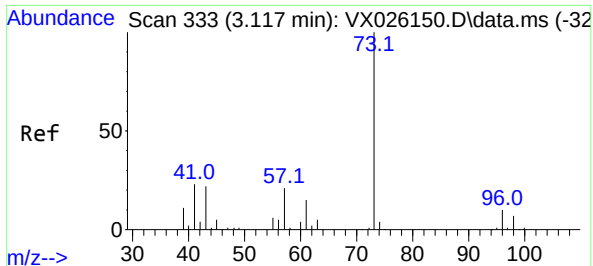
Tgt Ion:168 Resp: 192405
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.8



#16
Acetone
Concen: 7.351 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion: 43 Resp: 11087
Ion Ratio Lower Upper
43 100
58 26.8 24.8 37.2





#19

Methyl tert-butyl Ether

Concen: 0.674 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX026228.D

Acq: 03 Jan 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

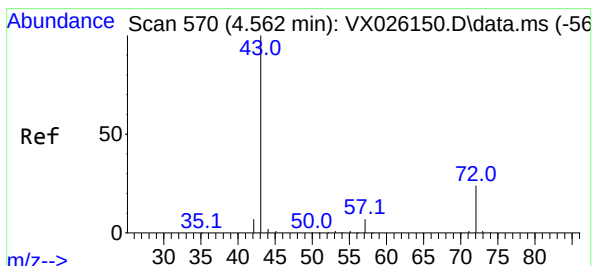
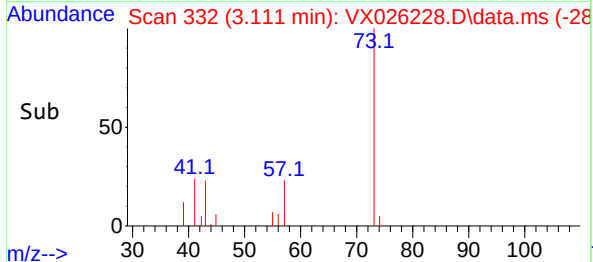
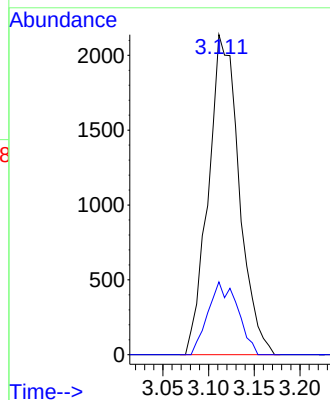
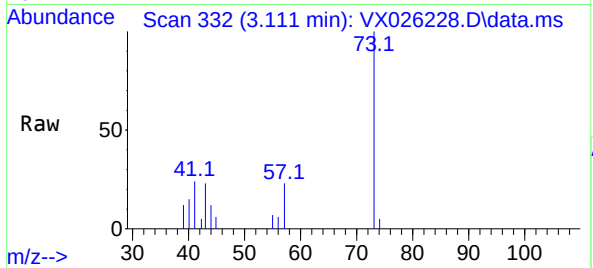
40440

Tgt Ion: 73 Resp: 5016

Ion Ratio Lower Upper

73 100

57 22.7 17.0 25.6



#25

2-Butanone

Concen: 4.437 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX026228.D

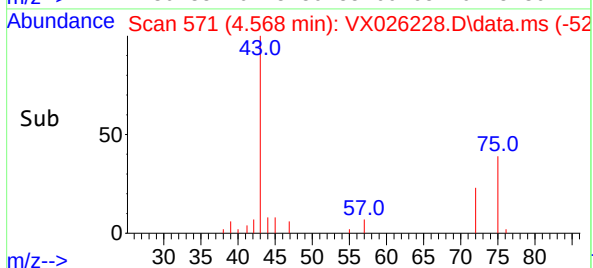
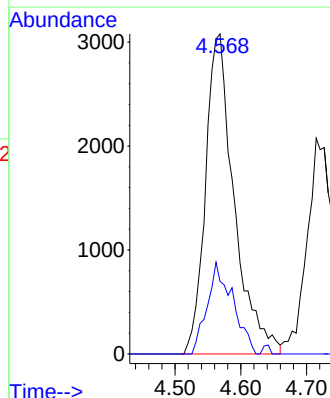
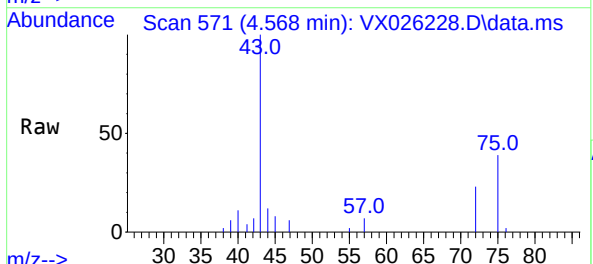
Acq: 03 Jan 2022 18:19

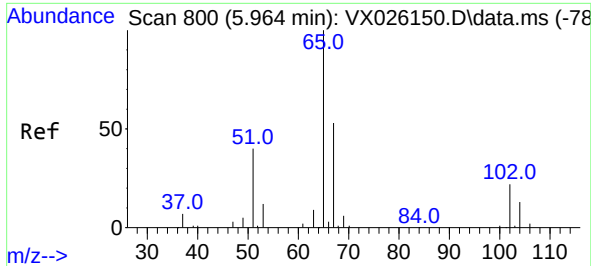
Tgt Ion: 43 Resp: 9321

Ion Ratio Lower Upper

43 100

72 22.7 21.0 31.4

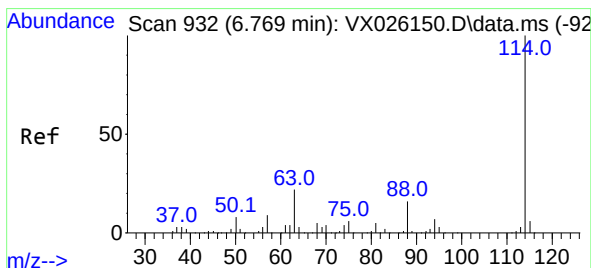
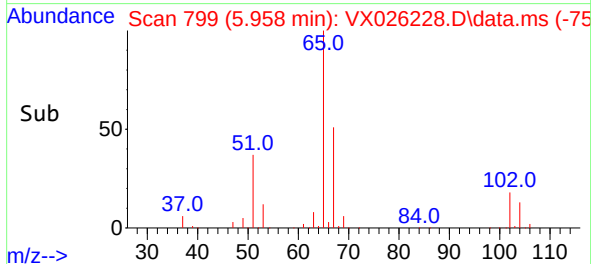
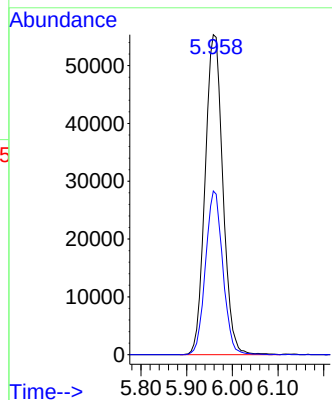
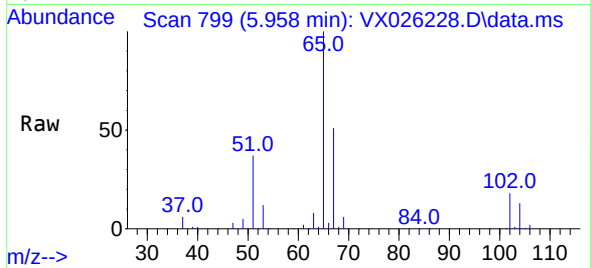




#33
 1,2-Dichloroethane-d4
 Concen: 53.707 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026228.D
 Acq: 03 Jan 2022 18:19

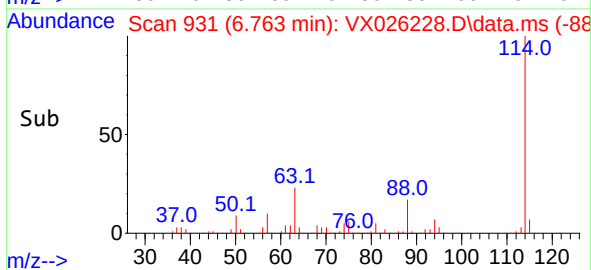
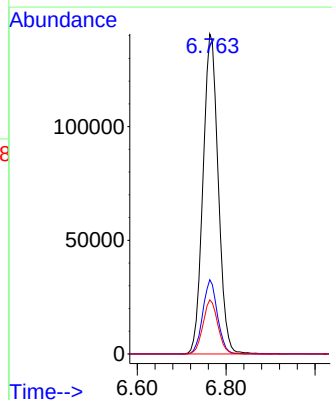
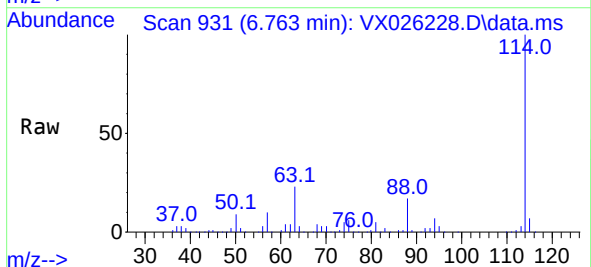
Instrument :
 MSVOA_X
 ClientSampleId :
 40440

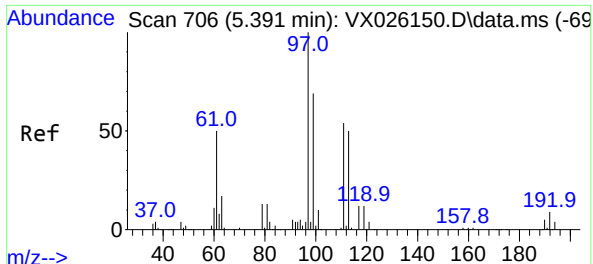
Tgt Ion: 65 Resp: 149494
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026228.D
 Acq: 03 Jan 2022 18:19

Tgt Ion: 114 Resp: 336288
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 40.0
 88 16.9 0.0 30.6

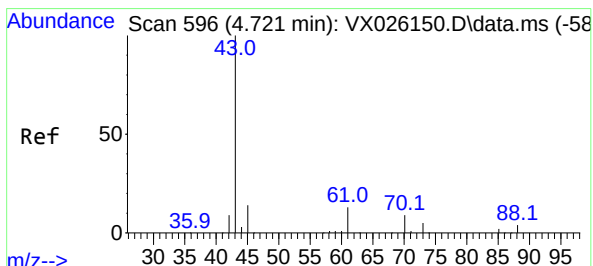
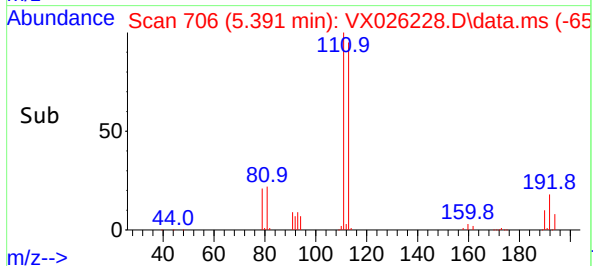
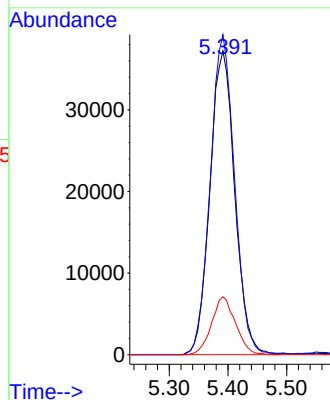
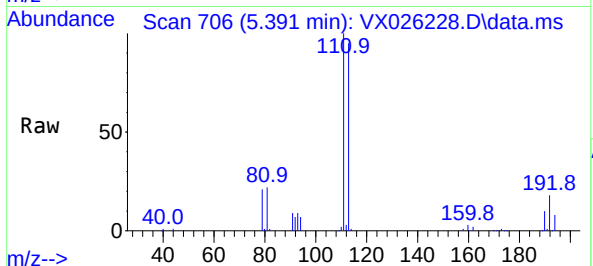




#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

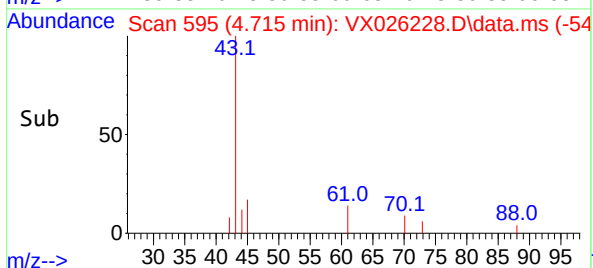
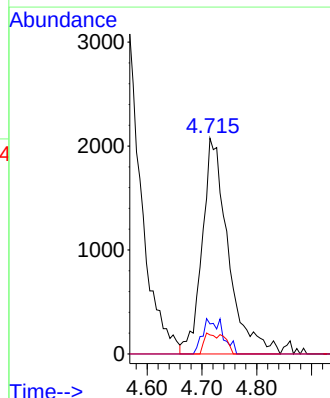
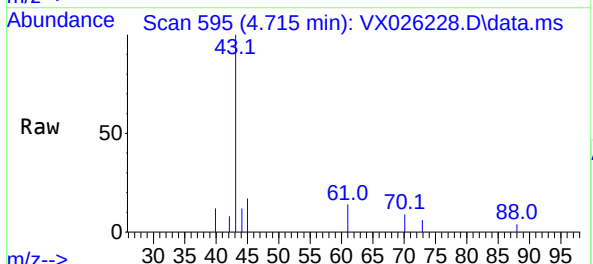
Instrument :
MSVOA_X
ClientSampleId :
40440

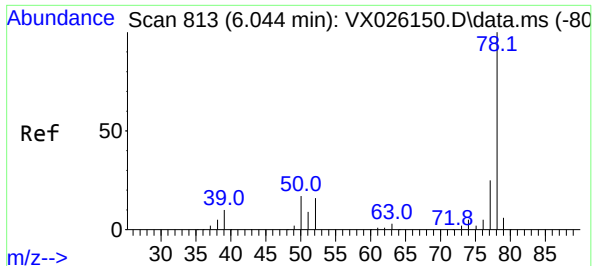
Tgt Ion:113 Resp: 109341
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.4 15.0 22.4



#37
Ethyl Acetate
Concen: 1.677 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion: 43 Resp: 6856
Ion Ratio Lower Upper
43 100
61 12.6 10.7 16.1
70 4.4 8.5 12.7#

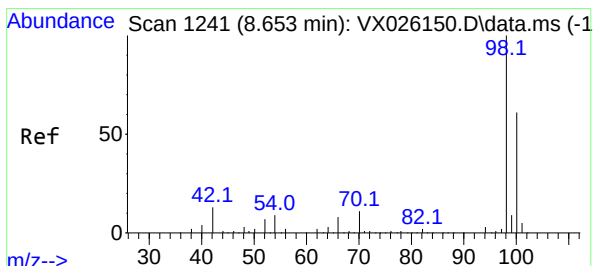
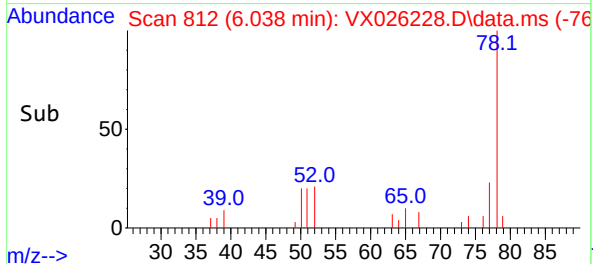
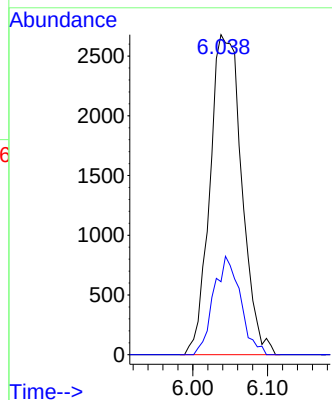
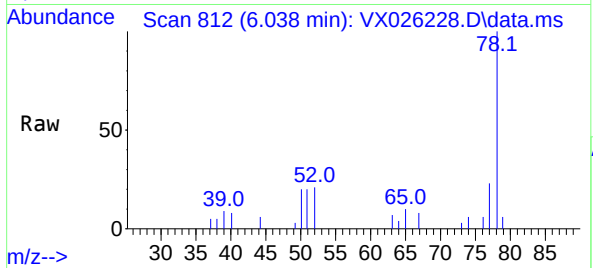




#40
Benzene
Concen: 0.786 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

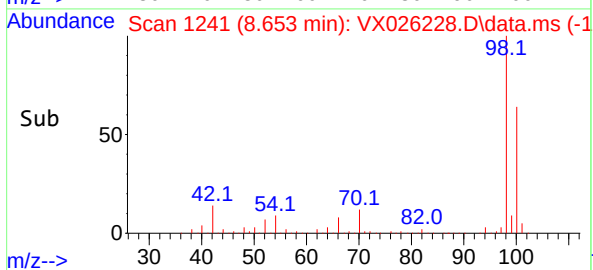
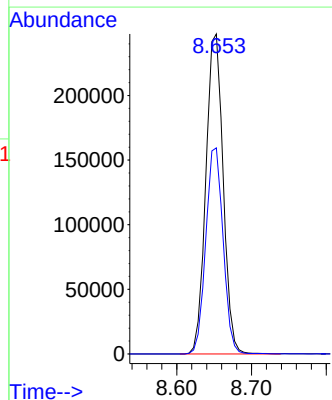
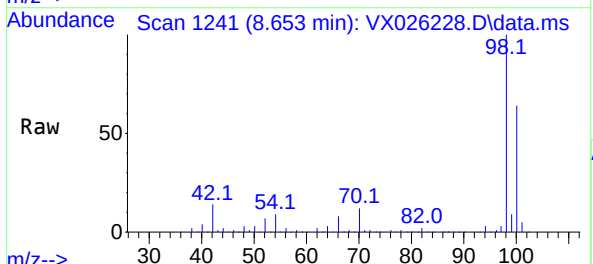
Instrument :
MSVOA_X
ClientSampleId :
40440

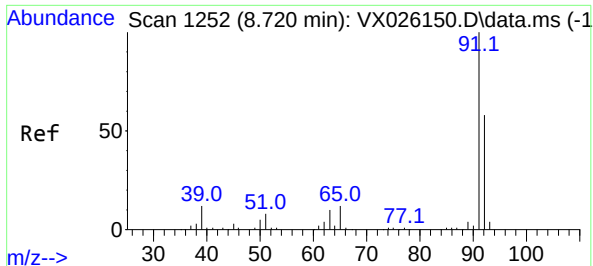
Tgt Ion: 78 Resp: 7908
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion: 98 Resp: 397861
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#52

Toluene

Concen: 1.952 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026228.D

Acq: 03 Jan 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

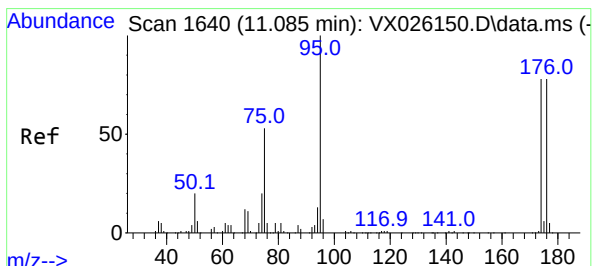
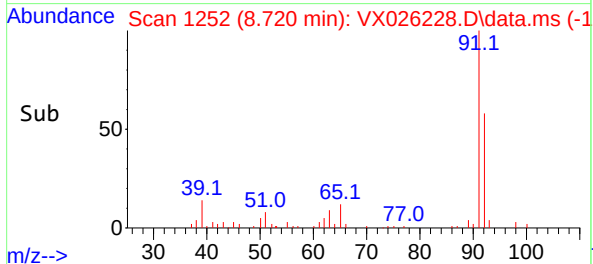
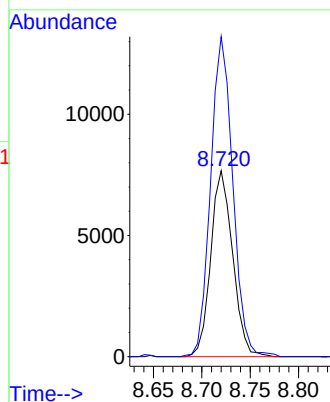
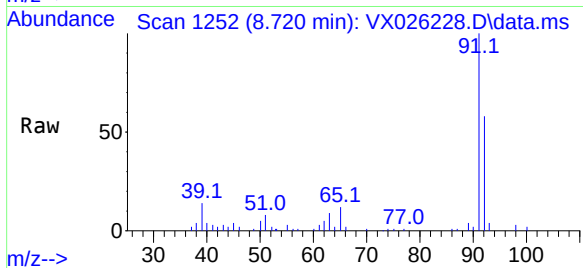
40440

Tgt Ion: 92 Resp: 12097

Ion Ratio Lower Upper

92 100

91 174.4 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 48.220 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026228.D

Acq: 03 Jan 2022 18:19

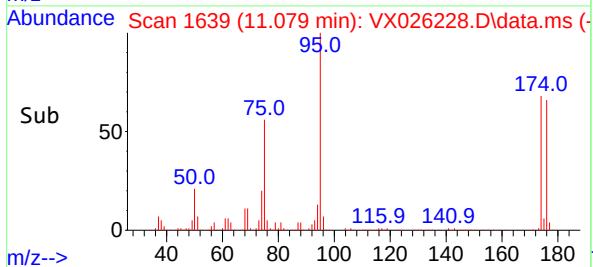
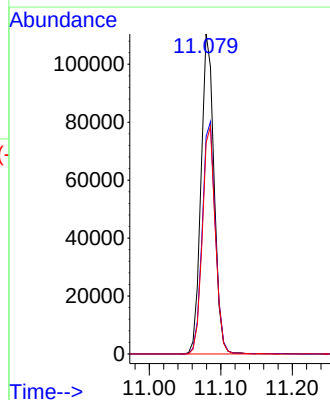
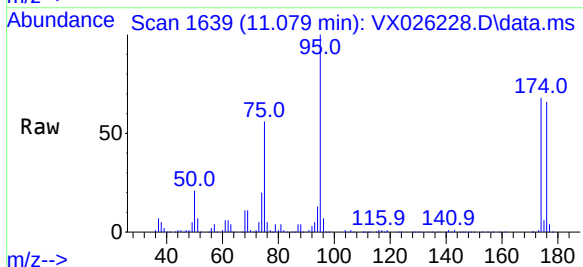
Tgt Ion: 95 Resp: 139596

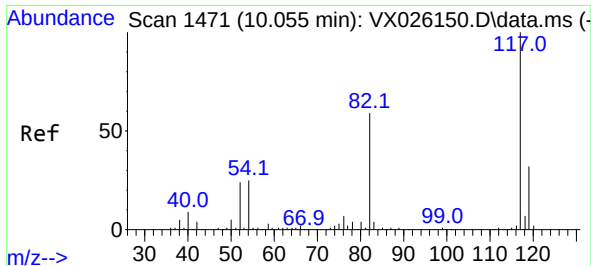
Ion Ratio Lower Upper

95 100

174 73.0 0.0 157.4

176 70.7 0.0 154.6

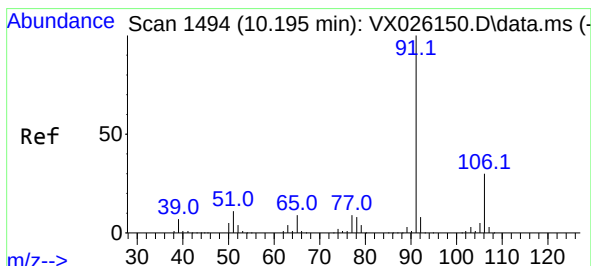
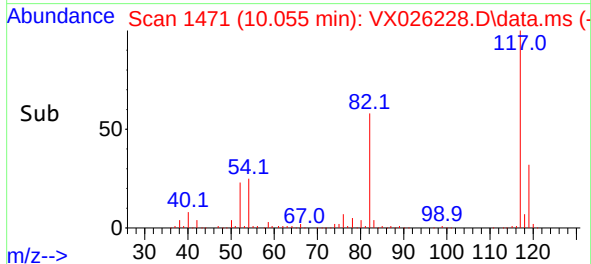
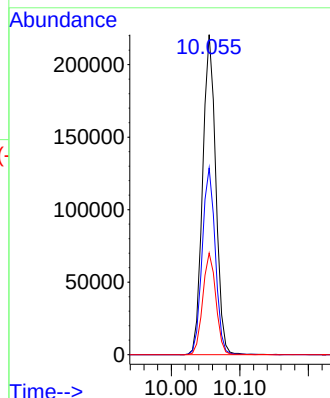
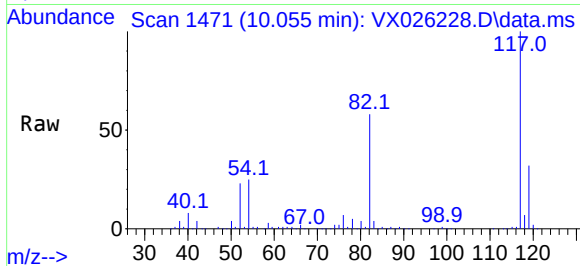




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

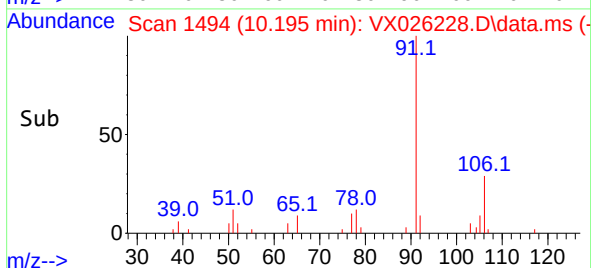
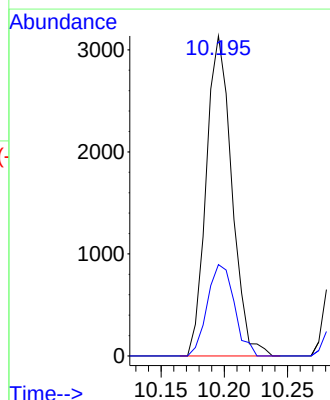
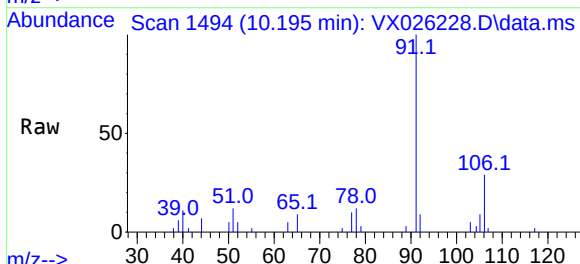
Instrument :
MSVOA_X
ClientSampleId :
40440

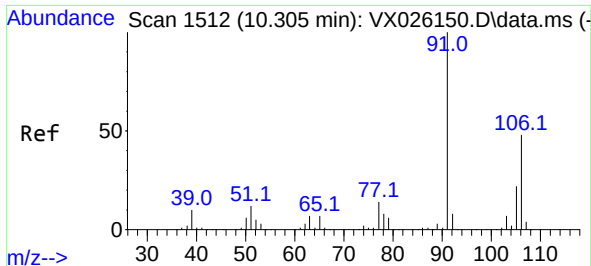
Tgt Ion:117 Resp: 294724
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.6
119 31.8 25.2 37.8



#67
Ethyl Benzene
Concen: 0.381 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion: 91 Resp: 4413
Ion Ratio Lower Upper
91 100
106 28.5 25.7 38.5

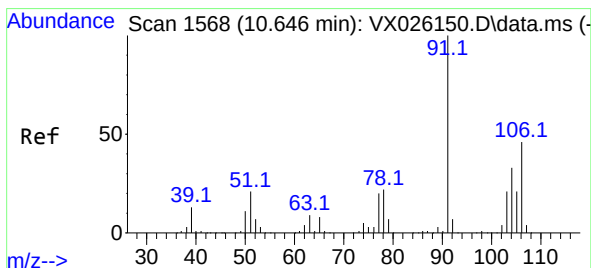
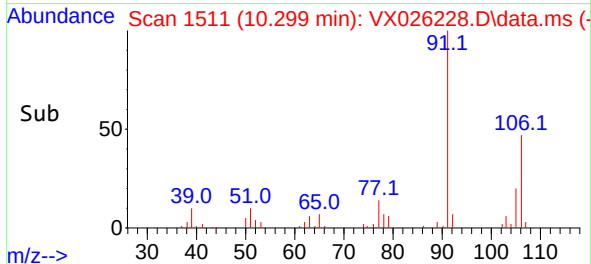
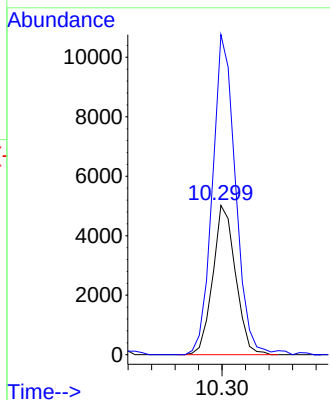
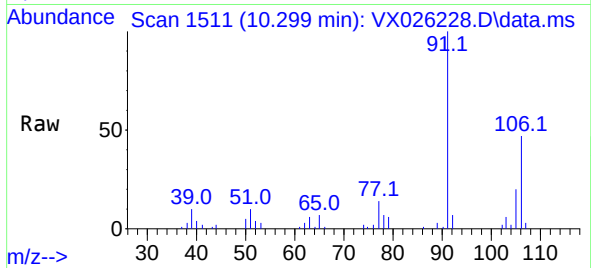




#68
m/p-Xylenes
Concen: 1.557 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

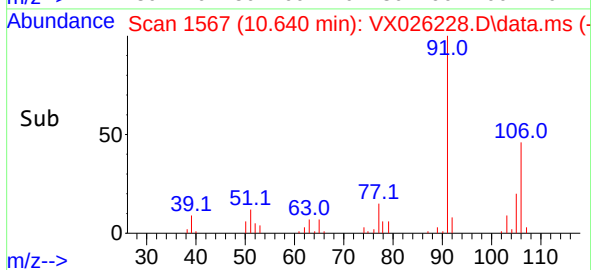
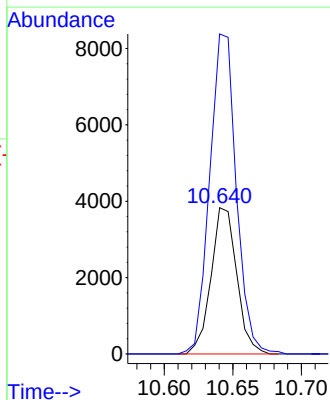
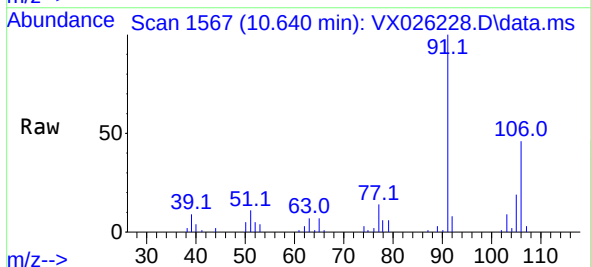
Instrument :
MSVOA_X
ClientSampleId :
40440

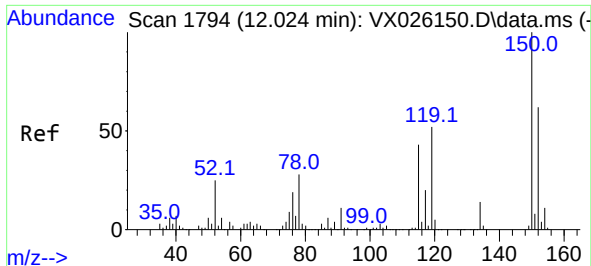
Tgt Ion:106 Resp: 6730
Ion Ratio Lower Upper
106 100
91 219.0 158.6 238.0



#69
o-Xylene
Concen: 1.182 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion:106 Resp: 4998
Ion Ratio Lower Upper
106 100
91 226.1 105.5 316.4

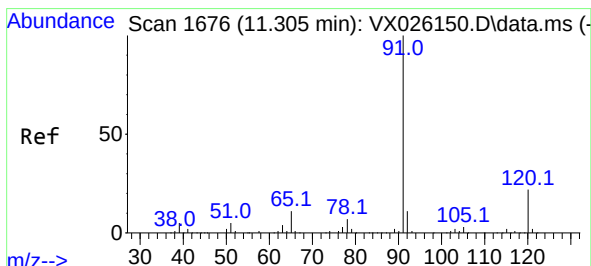
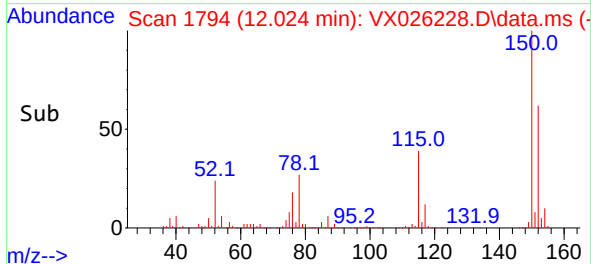
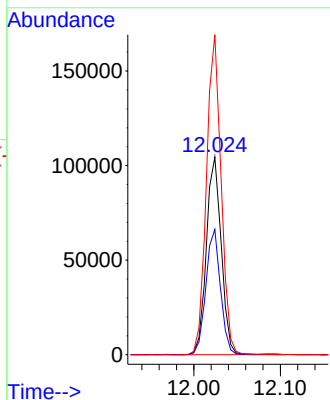
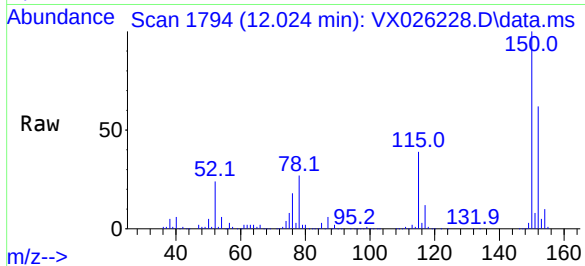




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

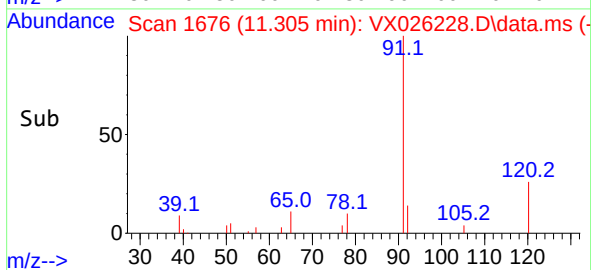
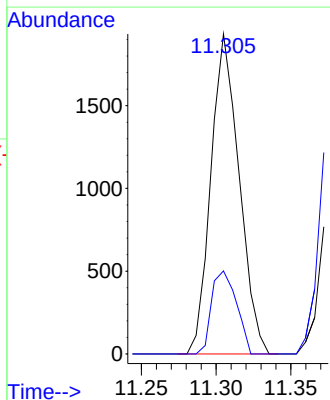
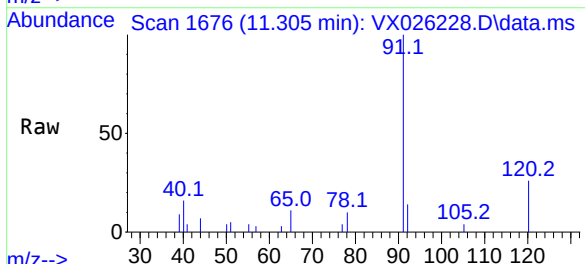
Instrument :
MSVOA_X
ClientSampleId :
40440

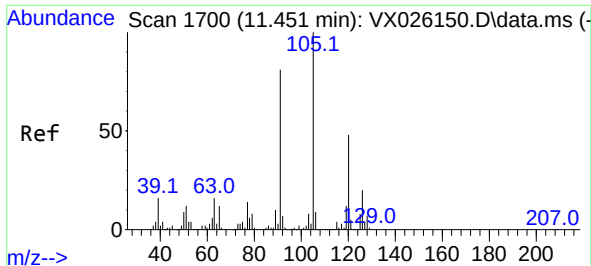
Tgt Ion:152 Resp: 124653
Ion Ratio Lower Upper
152 100
115 62.2 41.3 123.9
150 159.7 0.0 351.8



#78
n-propylbenzene
Concen: 0.228 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion: 91 Resp: 2538
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.1

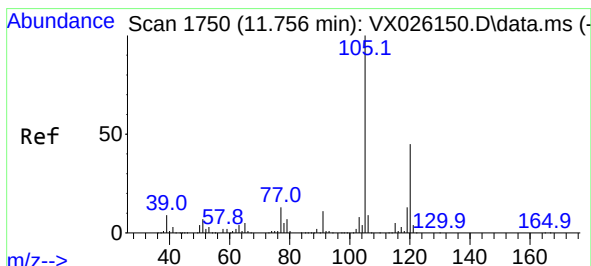
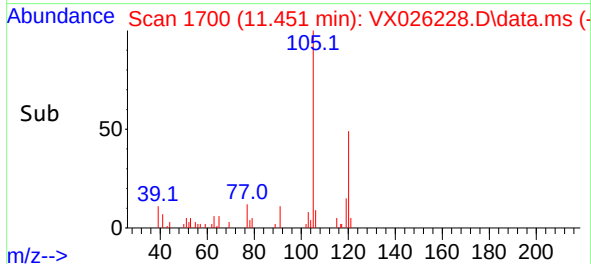
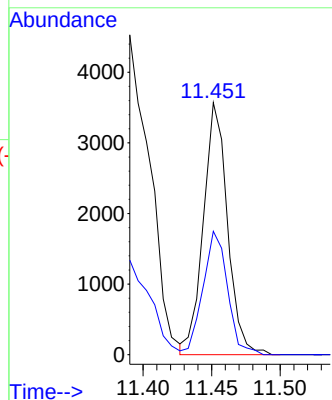
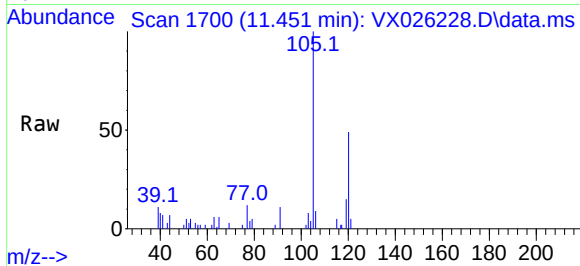




#80
1,3,5-Trimethylbenzene
Concen: 0.544 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

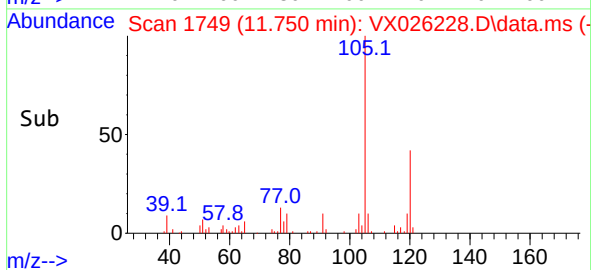
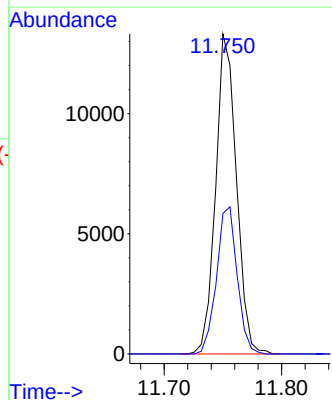
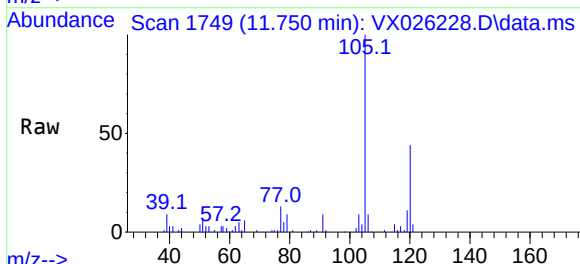
Instrument :
MSVOA_X
ClientSampleId :
40440

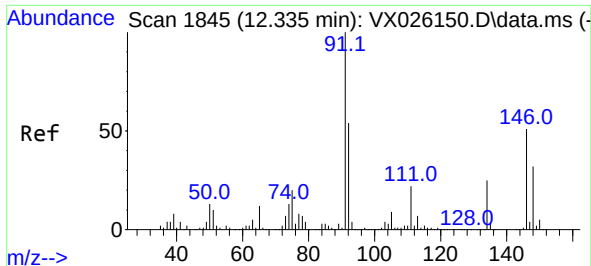
Tgt Ion:105 Resp: 4375
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 2.032 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX026228.D
Acq: 03 Jan 2022 18:19

Tgt Ion:105 Resp: 16324
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.7





#89

n-Butylbenzene

Concen: 0.353 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX026228.D

Acq: 03 Jan 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

40440

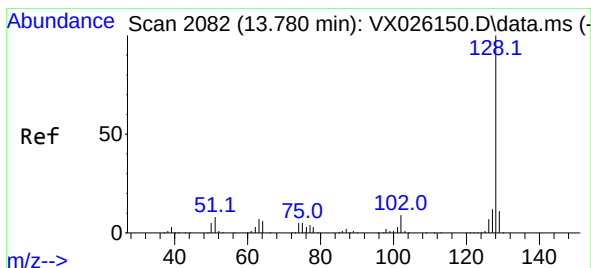
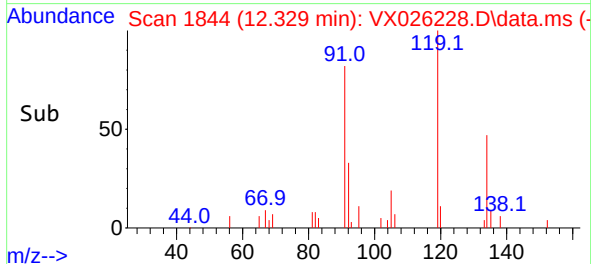
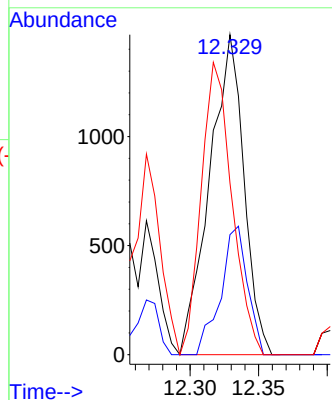
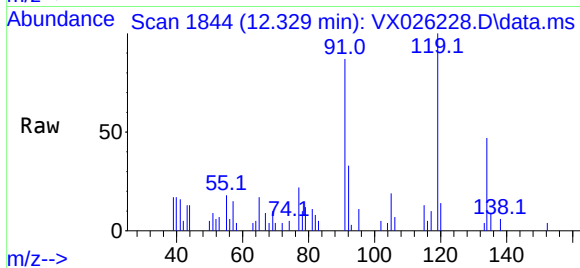
Tgt Ion: 91 Resp: 2549

Ion Ratio Lower Upper

91 100

92 31.5 27.3 81.8

134 81.9 13.5 40.4#



#95

Naphthalene

Concen: 0.573 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026228.D

Acq: 03 Jan 2022 18:19

Tgt Ion:128 Resp: 5520

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 14.9 8.8 13.2#

