

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026620.D
 Acq On : 27 Jan 2022 13:36
 Operator : JC/MD
 Sample : N1286-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Jan 28 04:25:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

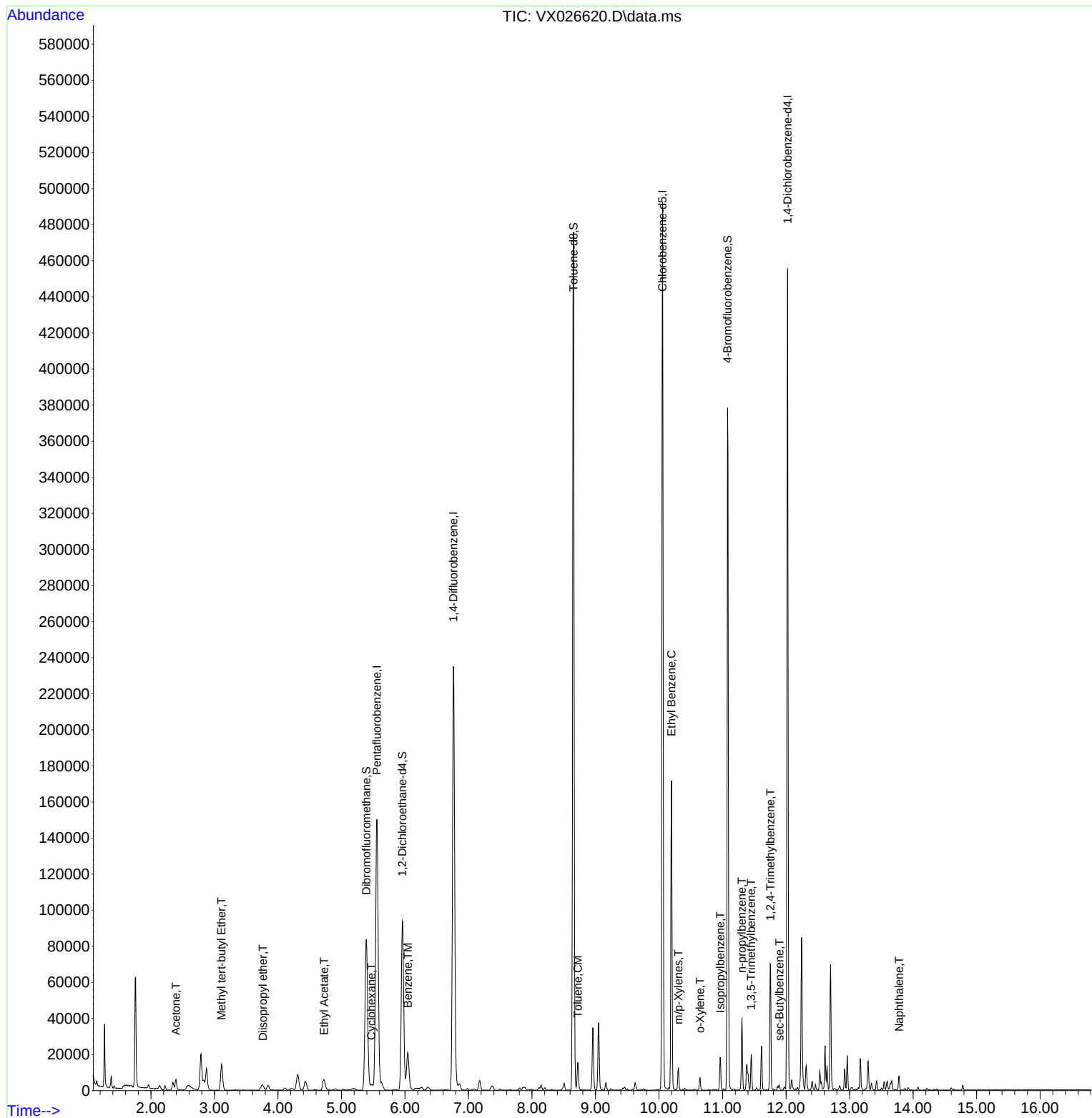
Internal Standards						
1) Pentafluorobenzene	5.556	168	141808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92002	46.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.391	113	74511	47.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.653	98	284140	50.676	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.360%
62) 4-Bromofluorobenzene	11.079	95	102625	51.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	7127	7.055	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	8979	1.671	ug/l #	1
22) Diisopropyl ether	3.764	45	2433	0.440	ug/l #	82
31) Cyclohexane	5.471	56	2429	0.831	ug/l	87
37) Ethyl Acetate	4.727	43	11509	4.632	ug/l	99
40) Benzene	6.044	78	24978	3.679	ug/l	96
52) Toluene	8.720	92	5822	1.398	ug/l	99
67) Ethyl Benzene	10.195	91	96776	11.677	ug/l	100
68) m/p-Xylenes	10.305	106	2808	0.905	ug/l	95
69) o-Xylene	10.646	106	1457	0.487	ug/l	95
73) Isopropylbenzene	10.963	105	9349	1.262	ug/l	98
78) n-propylbenzene	11.305	91	22625	2.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	8421	1.379	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	32336	5.293	ug/l	98
85) sec-Butylbenzene	11.896	105	1488	0.202	ug/l	99
95) Naphthalene	13.780	128	5458	0.849	ug/l	97

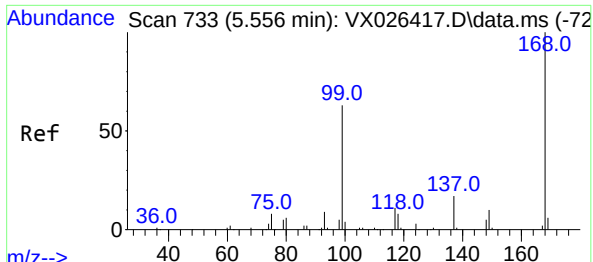
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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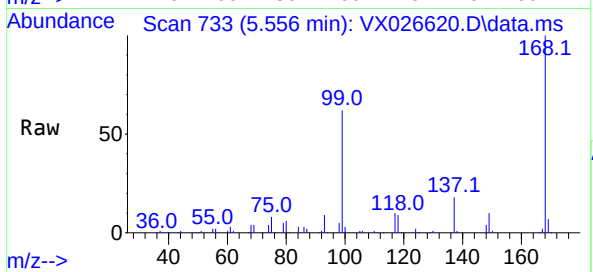
Quant Time: Jan 28 04:25:10 2022
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QLast Update : Tue Jan 11 14:45:13 2022
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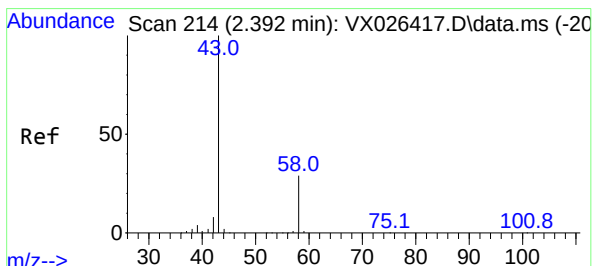
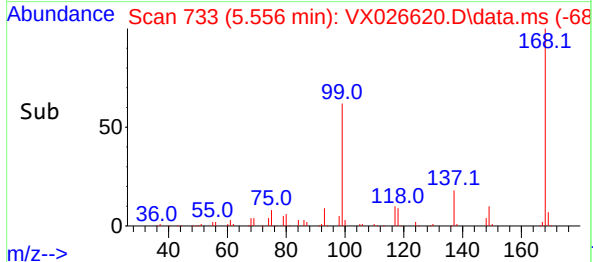
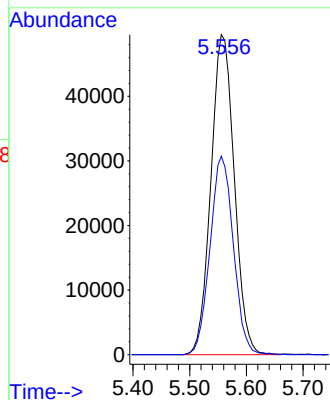


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Instrument :
MSVOA_X
Client Sample Id :
MW-30

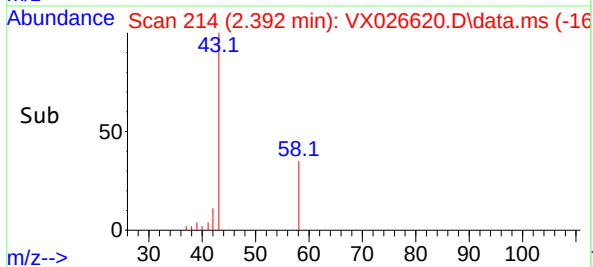
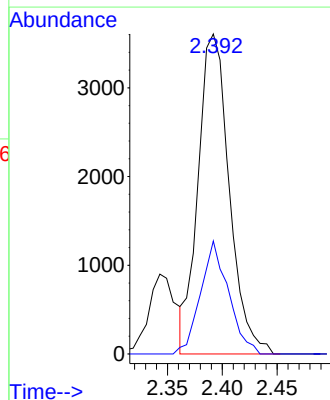
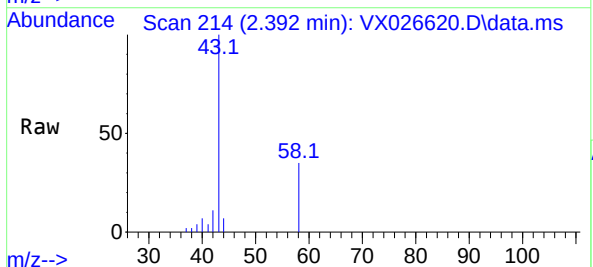


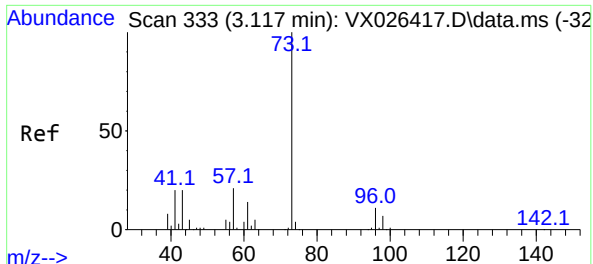
Tgt Ion:168 Resp: 141808
Ion Ratio Lower Upper
168 100
99 62.0 50.3 75.5



#16
Acetone
Concen: 7.055 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion: 43 Resp: 7127
Ion Ratio Lower Upper
43 100
58 35.3 23.0 34.6#





#19

Methyl tert-butyl Ether

Concen: 1.671 ug/l

RT: 3.111 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX026620.D

Acq: 27 Jan 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

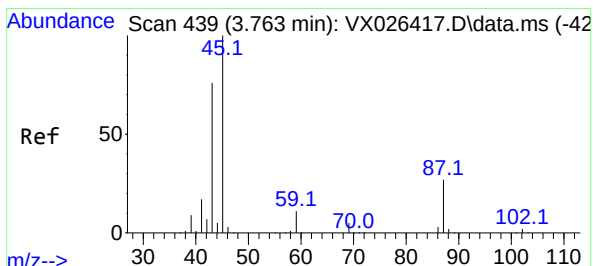
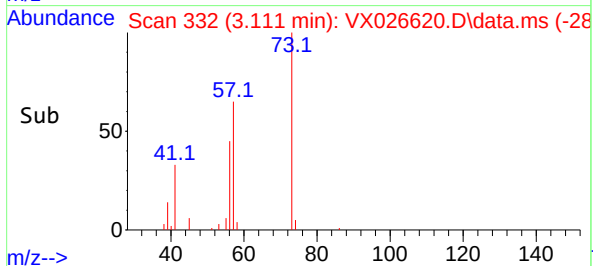
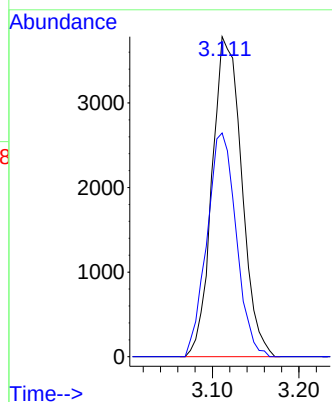
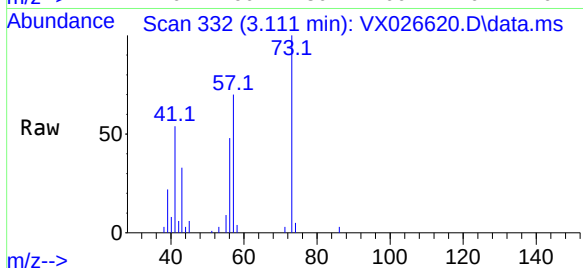
MW-30

Tgt Ion: 73 Resp: 8979

Ion Ratio Lower Upper

73 100

57 69.9 17.4 26.2#



#22

Diisopropyl ether

Concen: 0.440 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX026620.D

Acq: 27 Jan 2022 13:36

Tgt Ion: 45 Resp: 2433

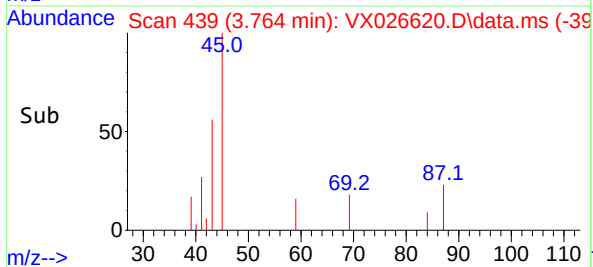
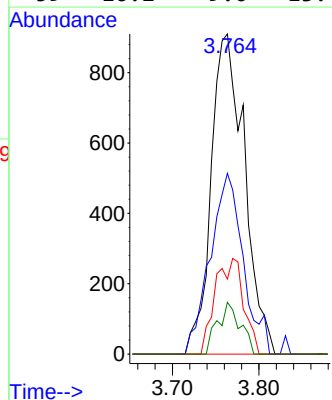
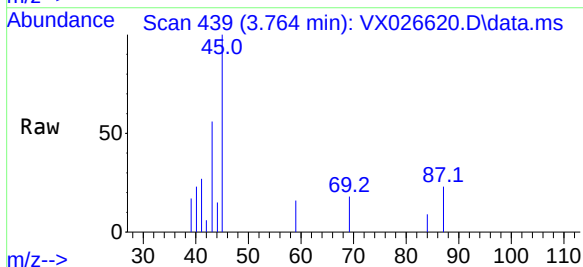
Ion Ratio Lower Upper

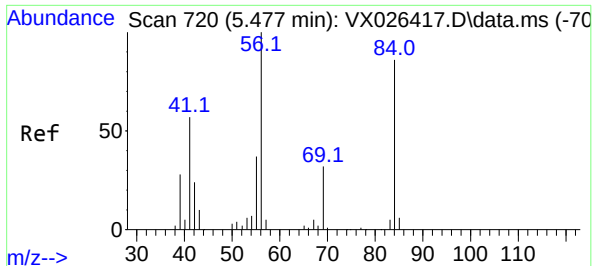
45 100

43 56.5 60.6 91.0#

87 23.4 22.0 33.0

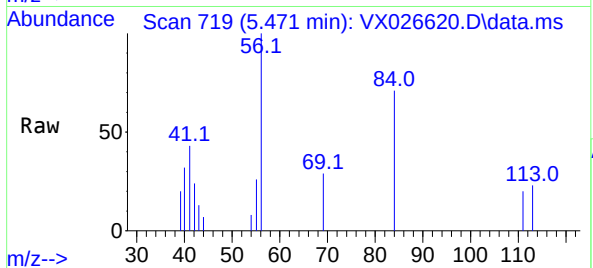
59 16.2 9.0 13.4#





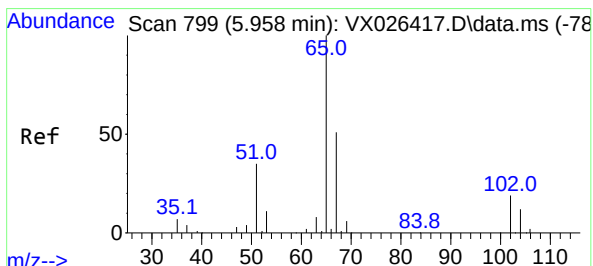
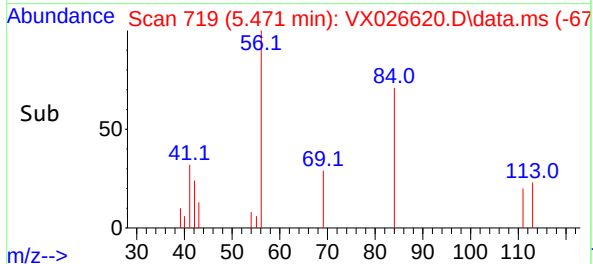
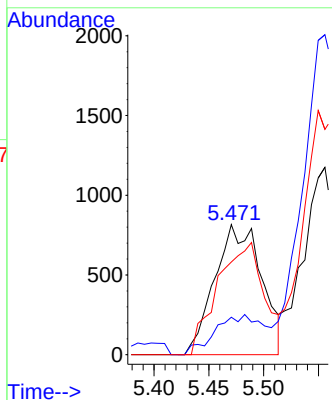
#31
Cyclohexane
Concen: 0.831 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-30



Tgt Ion: 56 Resp: 2429

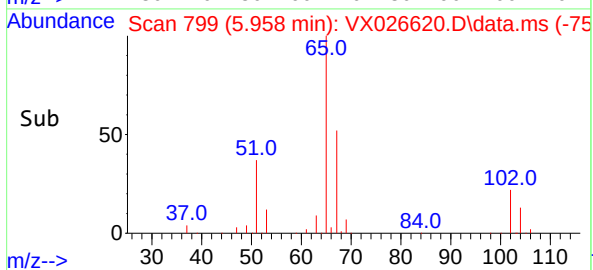
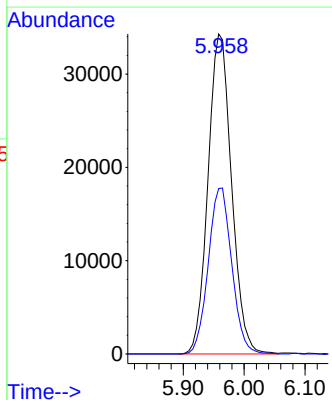
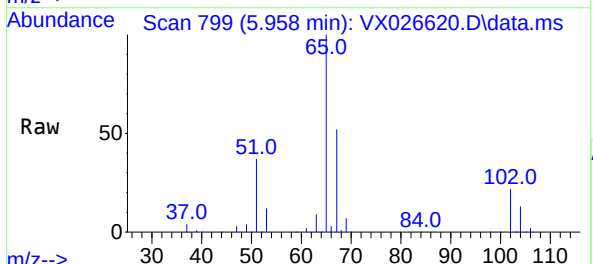
Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.8	38.6
84	71.2	68.9	103.3

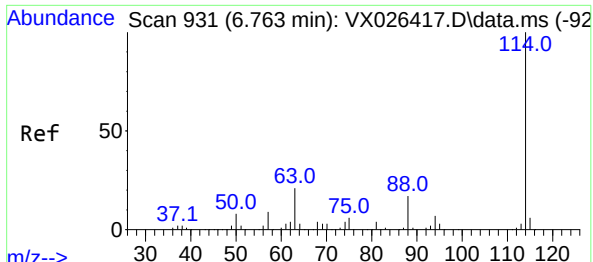


#33
1,2-Dichloroethane-d4
Concen: 46.443 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion: 65 Resp: 92002

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.8

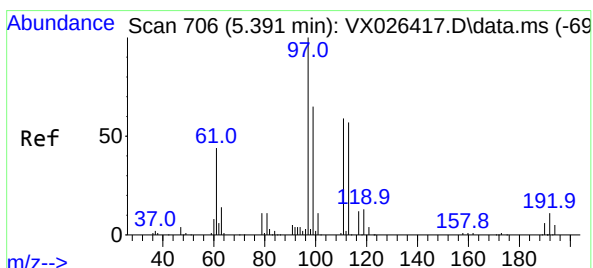
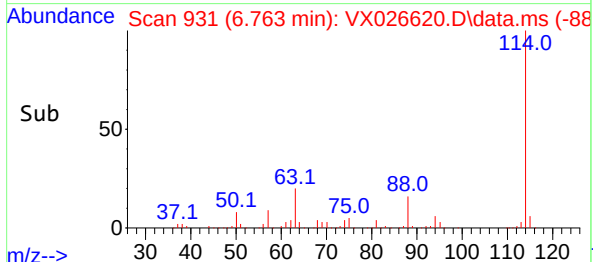
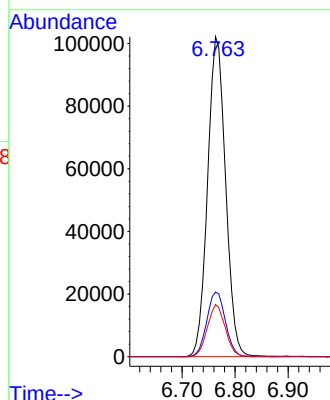
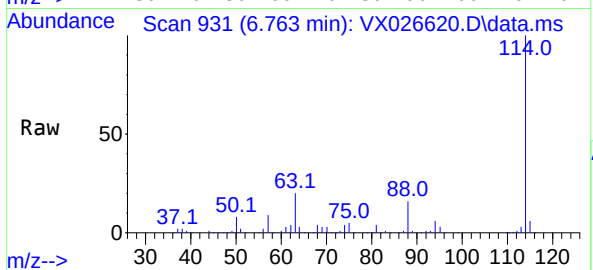




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

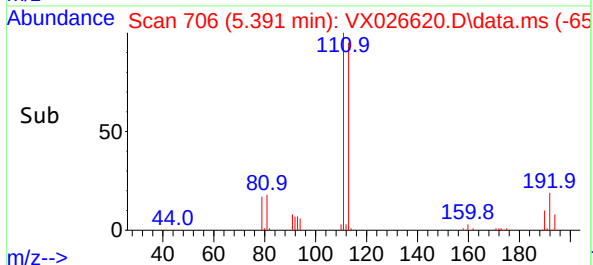
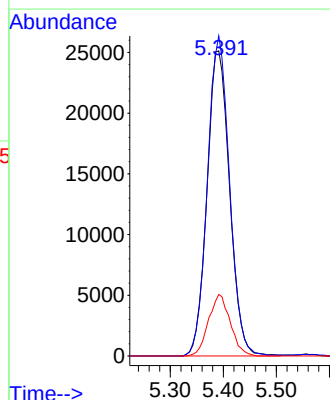
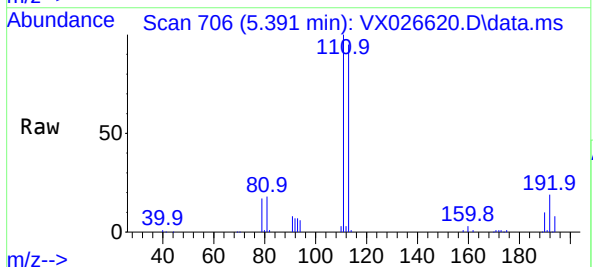
Instrument :
MSVOA_X
ClientSampleId :
MW-30

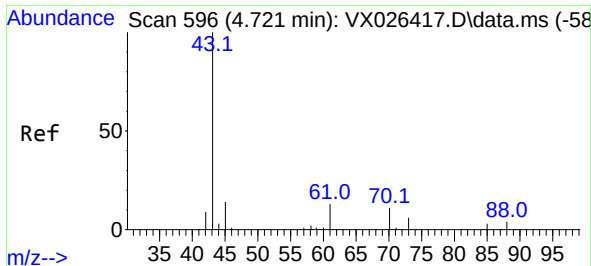
Tgt Ion:114 Resp: 240948
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.887 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion:113 Resp: 74511
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.4 15.0 22.4





#37

Ethyl Acetate

Concen: 4.632 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX026620.D

Acq: 27 Jan 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW-30

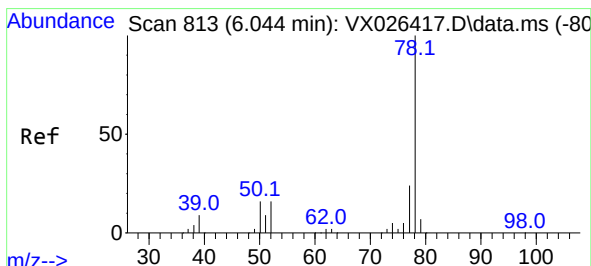
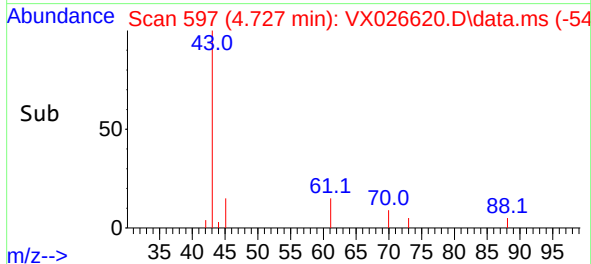
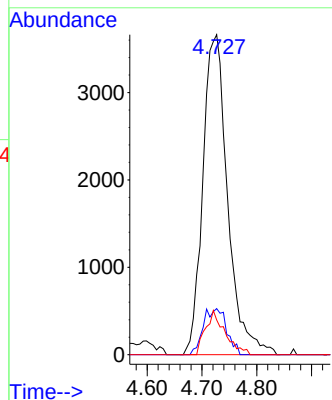
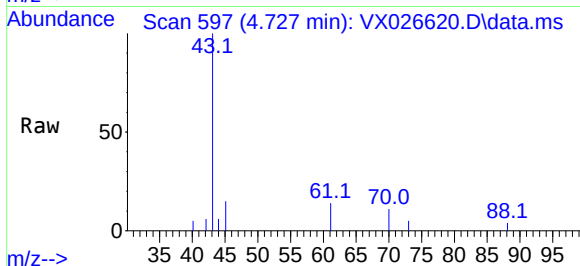
Tgt Ion: 43 Resp: 11509

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 10.9 8.5 12.7



#40

Benzene

Concen: 3.679 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026620.D

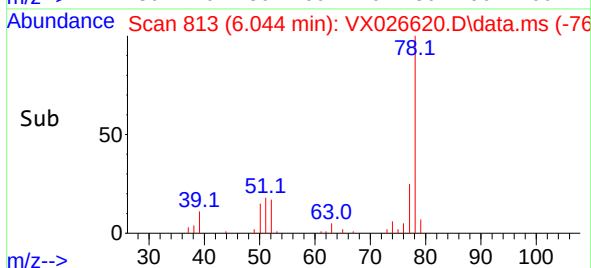
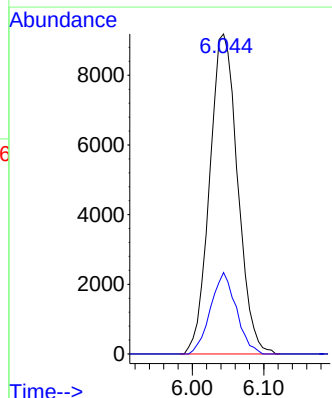
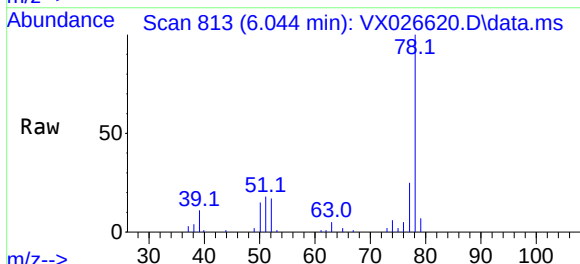
Acq: 27 Jan 2022 13:36

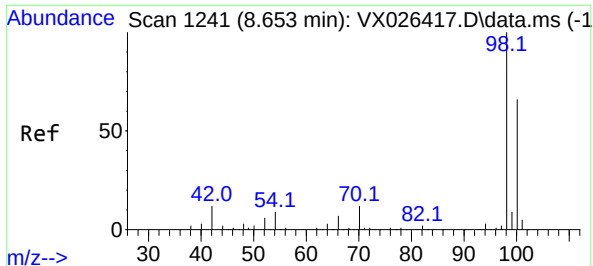
Tgt Ion: 78 Resp: 24978

Ion Ratio Lower Upper

78 100

77 25.5 18.9 28.3

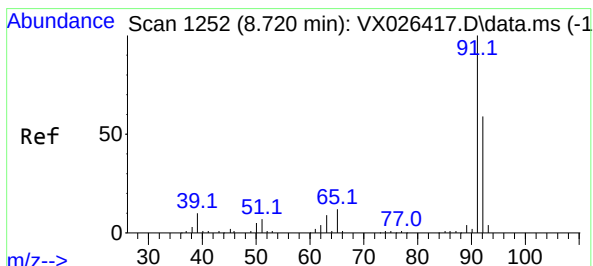
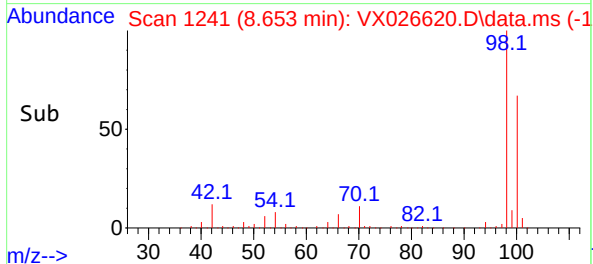
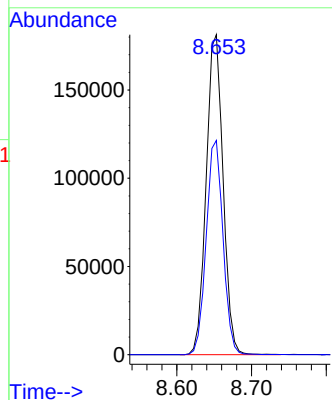
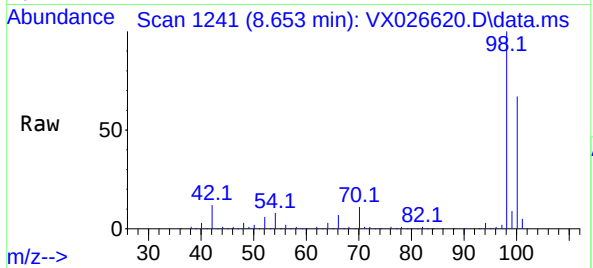




#50
Toluene-d8
Concen: 50.676 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

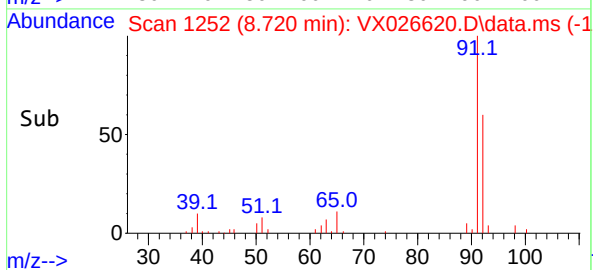
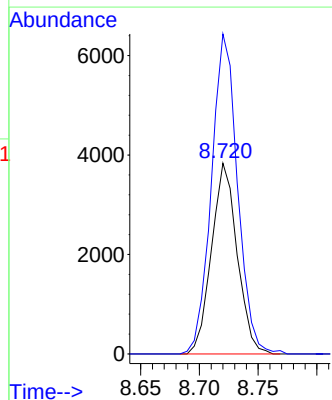
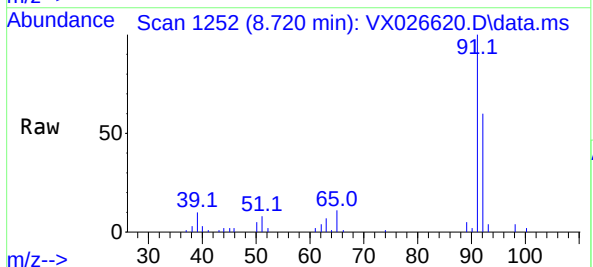
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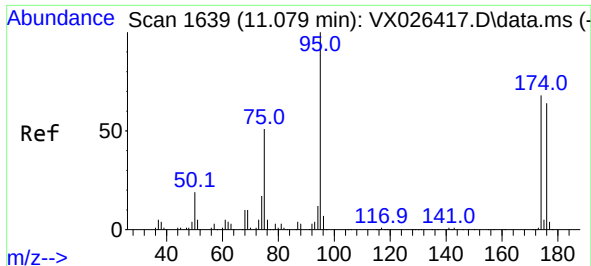
Tgt Ion: 98 Resp: 284140
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#52
Toluene
Concen: 1.398 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion: 92 Resp: 5822
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5

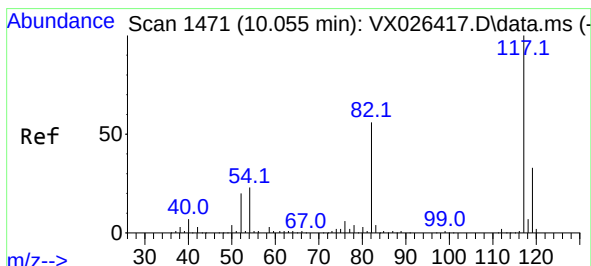
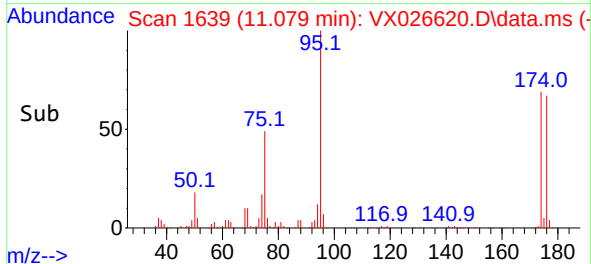
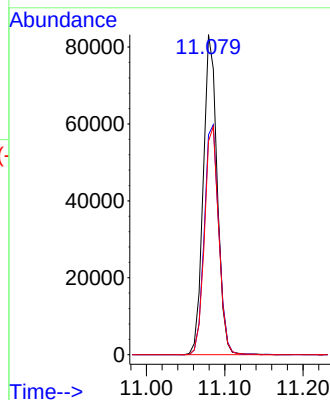
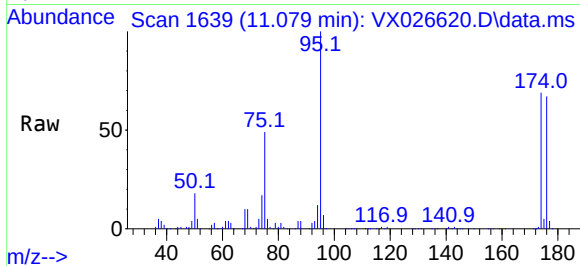




#62
4-Bromofluorobenzene
Concen: 51.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

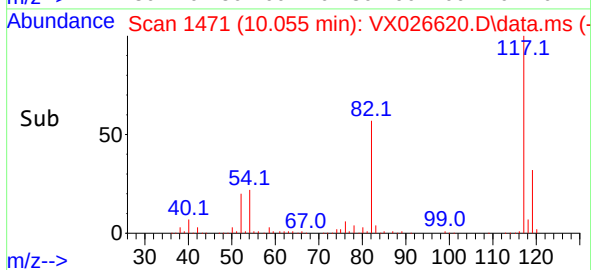
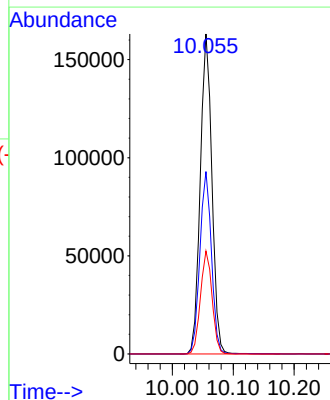
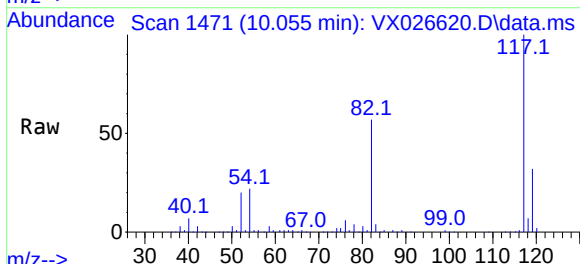
Instrument :
MSVOA_X
ClientSampleId :
MW-30

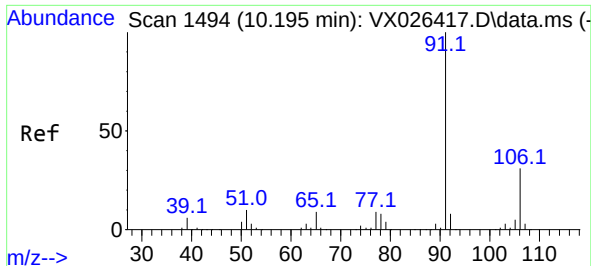
Tgt Ion: 95 Resp: 102625
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion: 117 Resp: 216579
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.1 26.2 39.2





#67

Ethyl Benzene

Concen: 11.677 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026620.D

Acq: 27 Jan 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

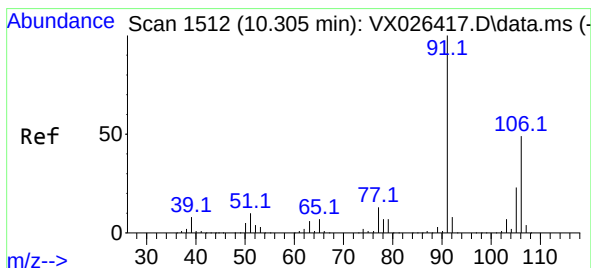
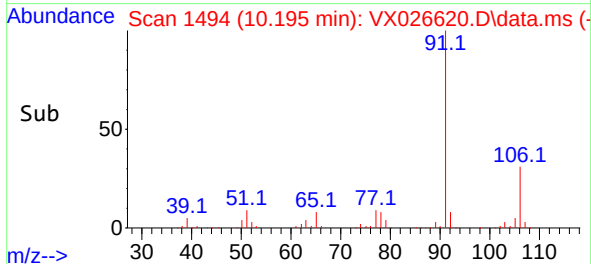
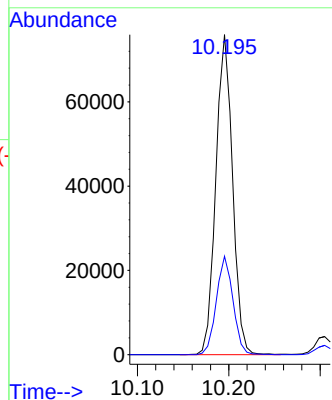
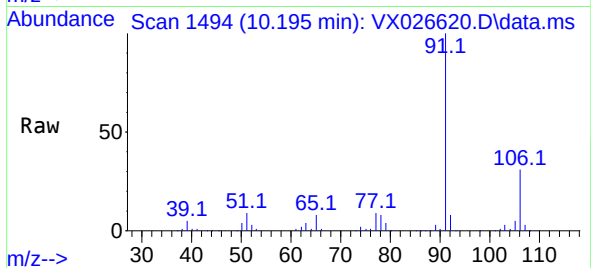
MW-30

Tgt Ion: 91 Resp: 96776

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#68

m/p-Xylenes

Concen: 0.905 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026620.D

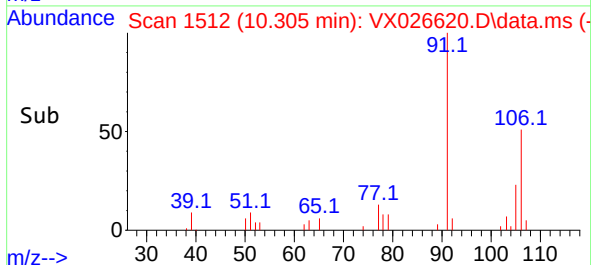
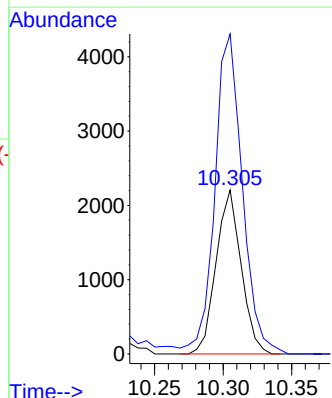
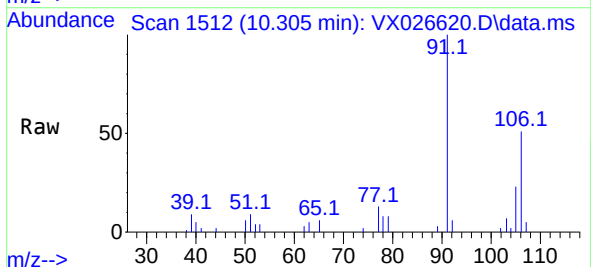
Acq: 27 Jan 2022 13:36

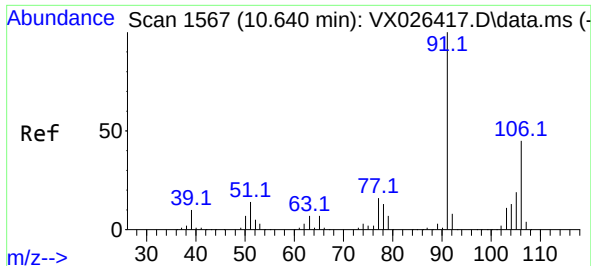
Tgt Ion:106 Resp: 2808

Ion Ratio Lower Upper

106 100

91 213.8 165.3 247.9

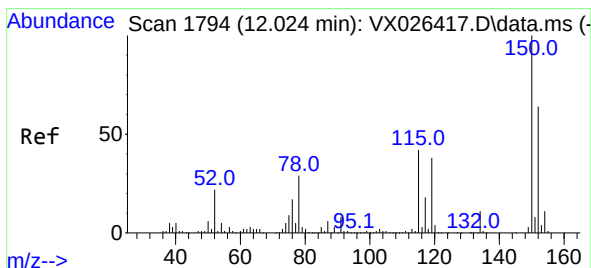
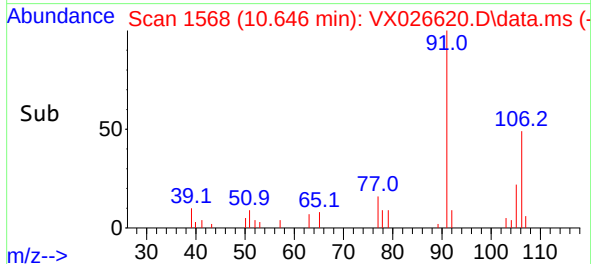
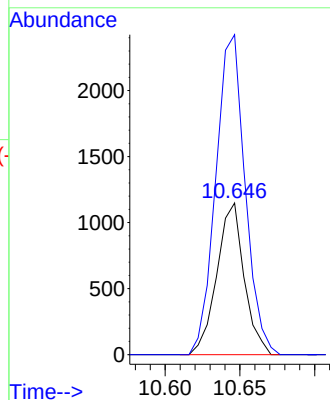
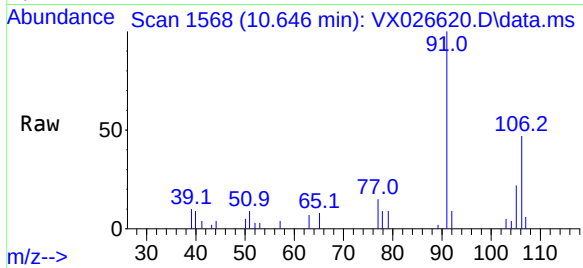




#69
o-Xylene
Concen: 0.487 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

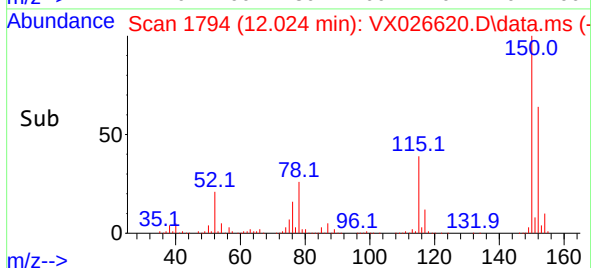
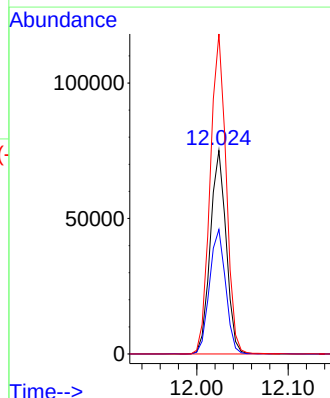
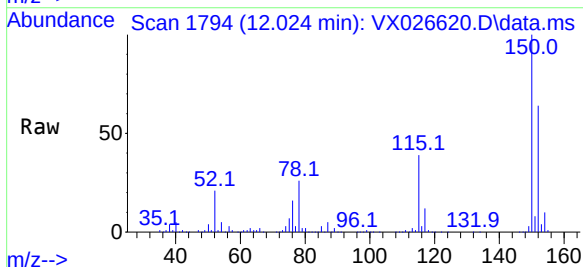
Instrument :
MSVOA_X
ClientSampleId :
MW-30

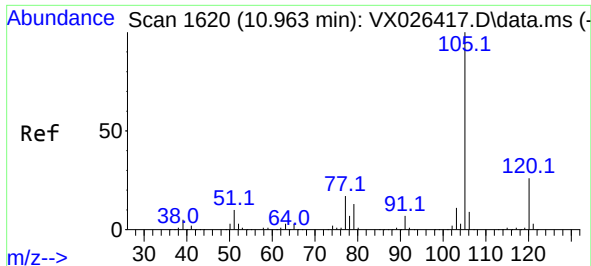
Tgt Ion:106 Resp: 1457
Ion Ratio Lower Upper
106 100
91 226.8 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion:152 Resp: 90377
Ion Ratio Lower Upper
152 100
115 62.1 44.2 132.6
150 158.3 0.0 348.2

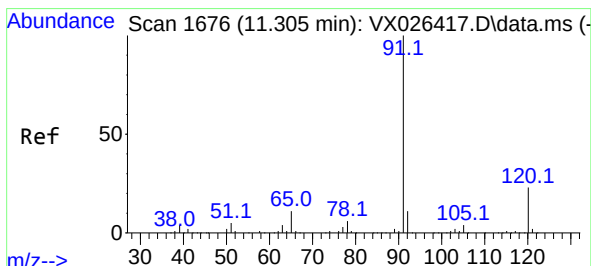
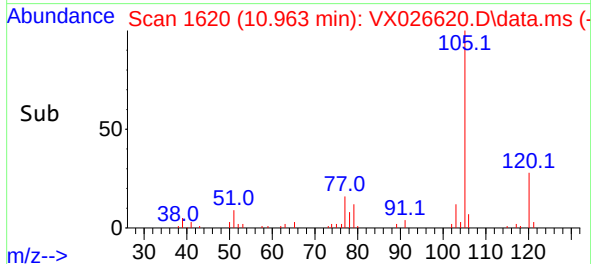
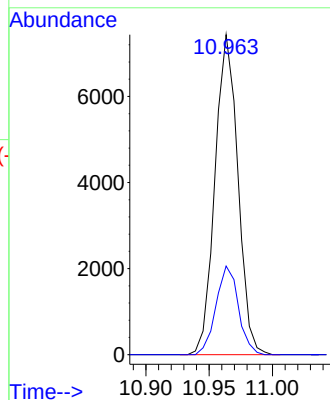
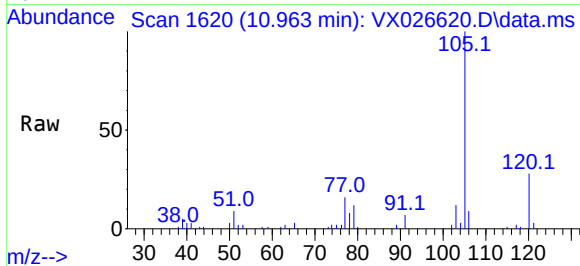




#73
Isopropylbenzene
Concen: 1.262 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

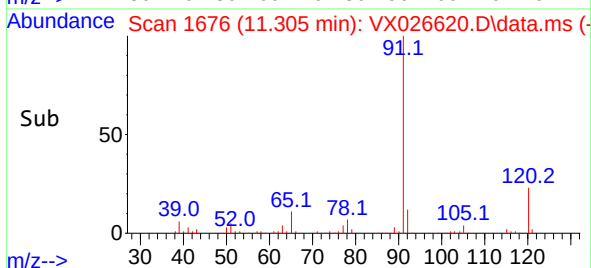
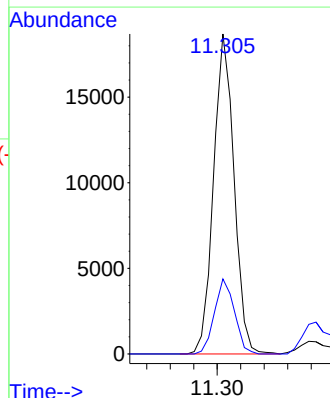
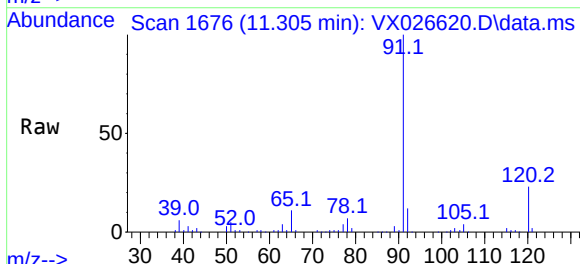
Instrument :
MSVOA_X
ClientSampleId :
MW-30

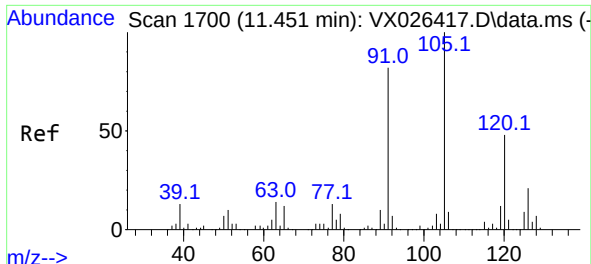
Tgt Ion:105 Resp: 9349
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#78
n-propylbenzene
Concen: 2.678 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion: 91 Resp: 22625
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7

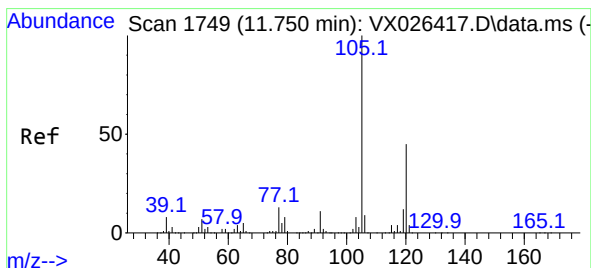
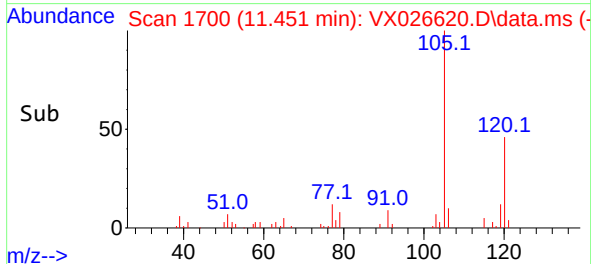
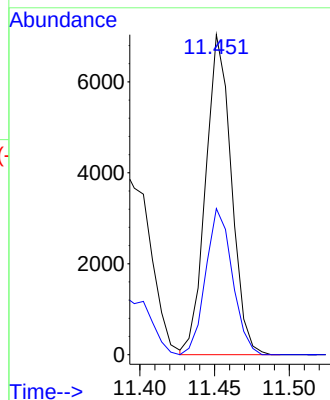
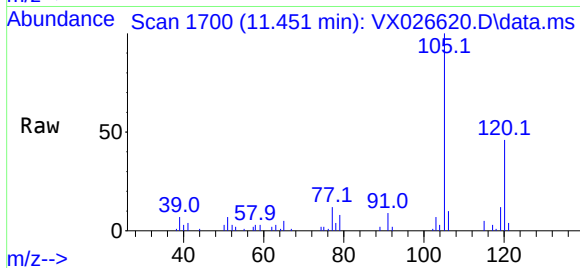




#80
1,3,5-Trimethylbenzene
Concen: 1.379 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

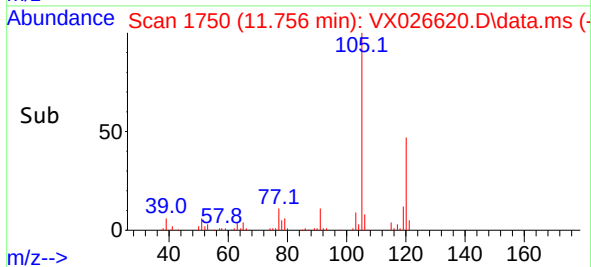
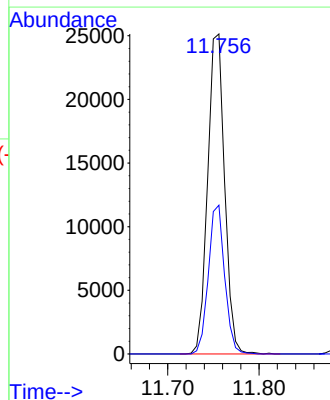
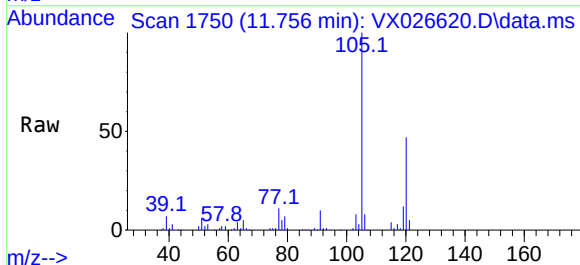
Instrument :
MSVOA_X
ClientSampleId :
MW-30

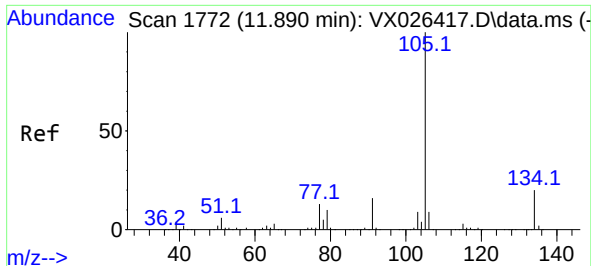
Tgt Ion:105 Resp: 8421
Ion Ratio Lower Upper
105 100
120 47.3 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 5.293 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion:105 Resp: 32336
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.5

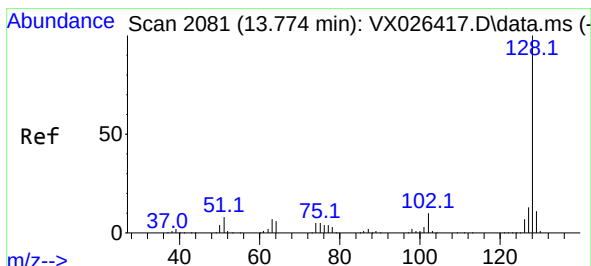
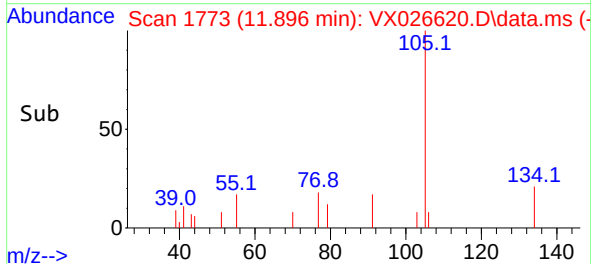
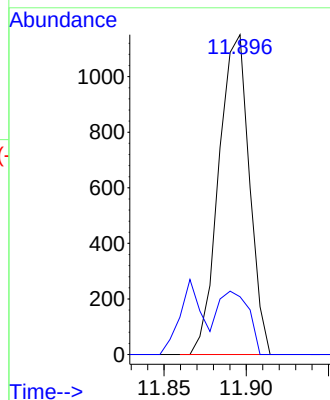
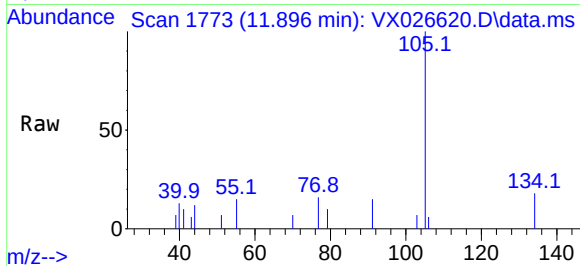




#85
sec-Butylbenzene
Concen: 0.202 ug/l
RT: 11.896 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-30

Tgt Ion:105 Resp: 1488
Ion Ratio Lower Upper
105 100
134 19.6 10.1 30.1



#95
Naphthalene
Concen: 0.849 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026620.D
Acq: 27 Jan 2022 13:36

Tgt Ion:128 Resp: 5458
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 12.5 8.7 13.1

