

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026874.D
 Acq On : 09 Feb 2022 17:20
 Operator : JC/MD
 Sample : N1425-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31380

Quant Time: Feb 10 01:07:59 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)

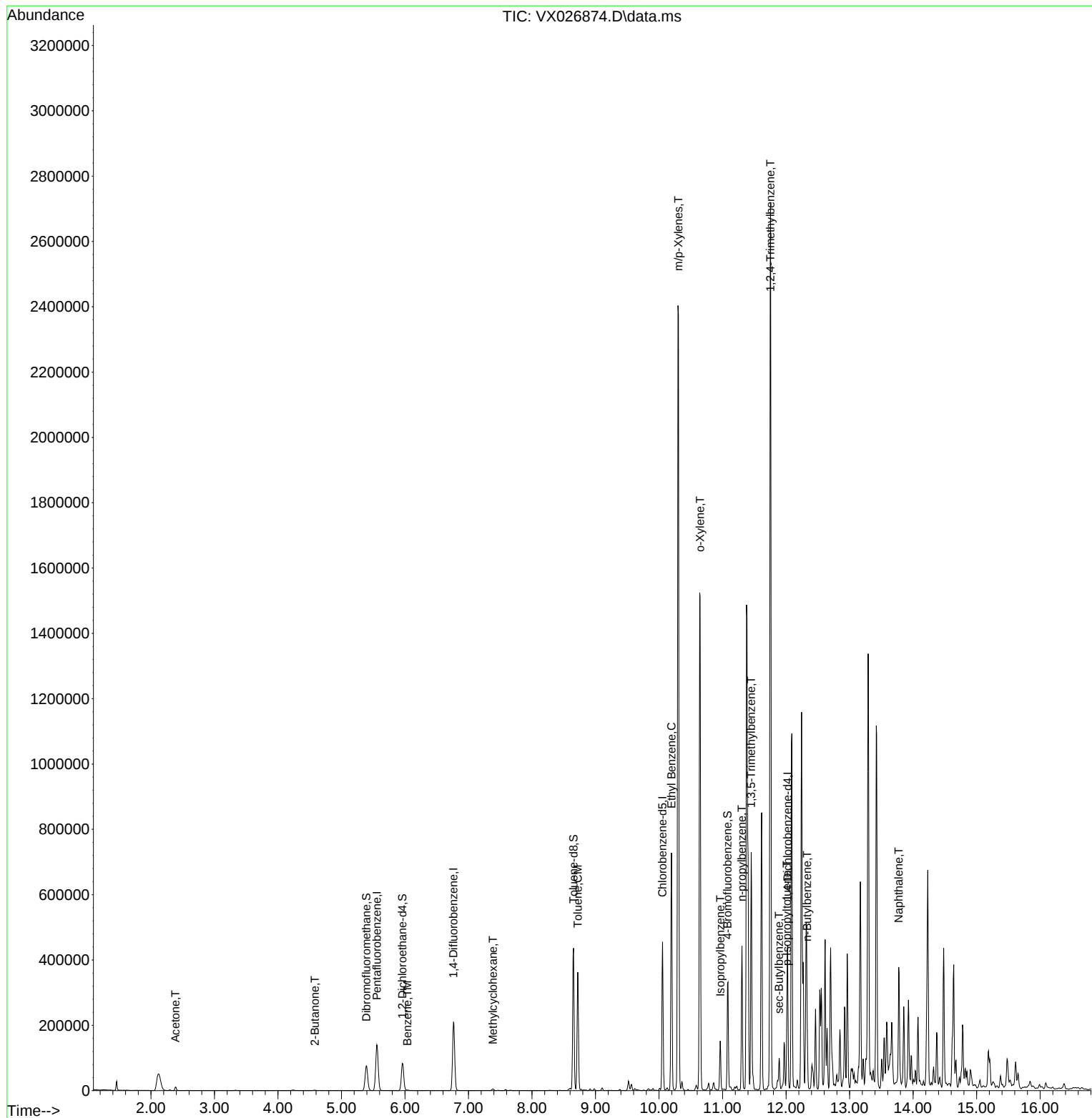
Internal Standards						
1) Pentafluorobenzene	5.556	168	130879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83576	53.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.400%	
35) Dibromofluoromethane	5.391	113	67064	51.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.380%	
50) Toluene-d8	8.653	98	257068	53.976	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	11.079	95	93686	55.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.740%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12691	18.392	ug/l	93
25) 2-Butanone	4.580	43	2792	2.511	ug/l	99
39) Methylcyclohexane	7.385	83	2377	0.947	ug/l	97
40) Benzene	6.038	78	1824	0.306	ug/l	91
52) Toluene	8.720	92	134663	35.655	ug/l	100
67) Ethyl Benzene	10.195	91	409162	57.102	ug/l	100
68) m/p-Xylenes	10.305	106	572424	207.637	ug/l	97
69) o-Xylene	10.646	106	342691	126.858	ug/l	97
73) Isopropylbenzene	10.963	105	76822	11.338	ug/l	99
78) n-propylbenzene	11.305	91	260469	34.676	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	300175	53.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1208822	214.910	ug/l	96
85) sec-Butylbenzene	11.890	105	48681	7.226	ug/l	89
86) p-Isopropyltoluene	12.012	119	29796	5.220	ug/l	99
89) n-Butylbenzene	12.329	91	92664	19.843	ug/l #	42
95) Naphthalene	13.774	128	227813	36.190	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026874.D
Acq On : 09 Feb 2022 17:20
Operator : JC/MD
Sample : N1425-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31380

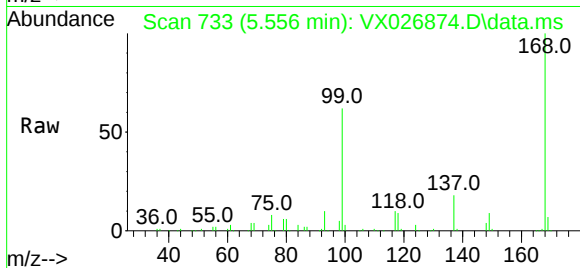
Quant Time: Feb 10 01:07:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



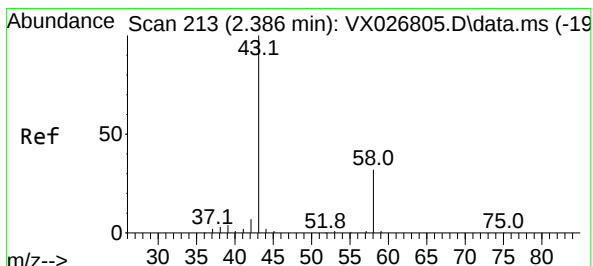
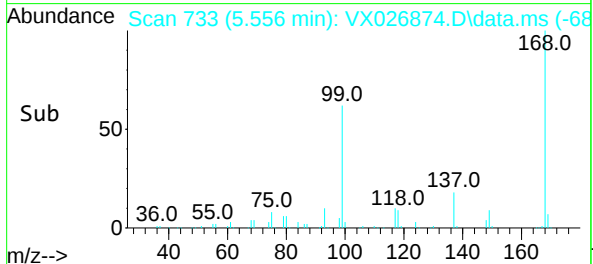
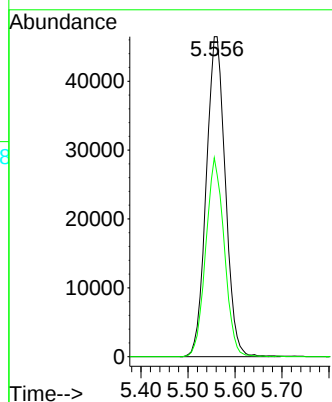


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Instrument :
MSVOA_X
ClientSampleId :
31380

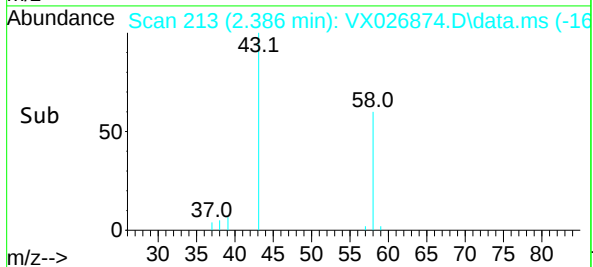
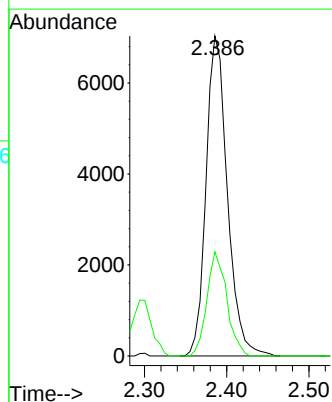
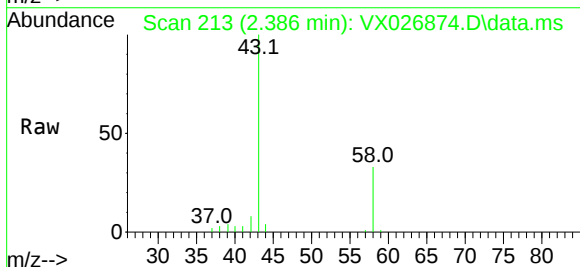


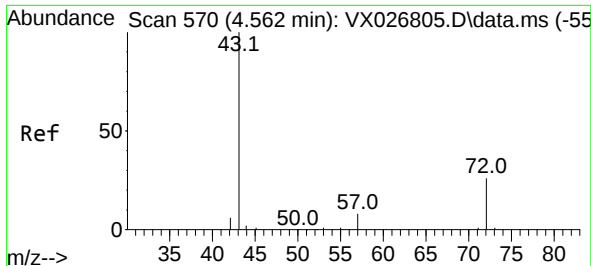
Tgt Ion:168 Resp: 130879
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#16
Acetone
Concen: 18.392 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 43 Resp: 12691
Ion Ratio Lower Upper
43 100
58 32.6 23.0 34.6

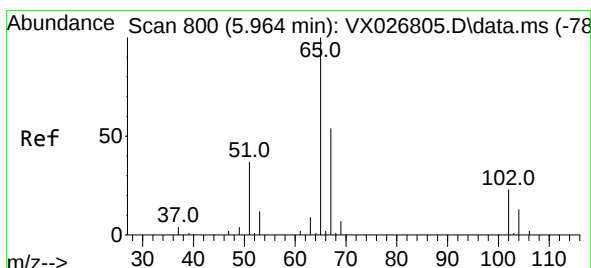
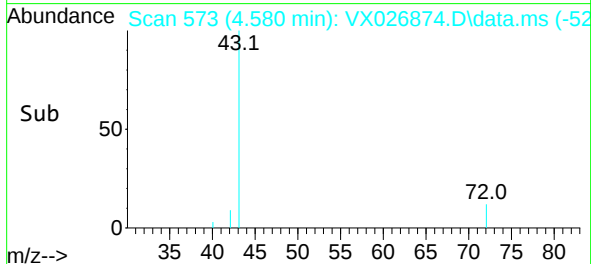
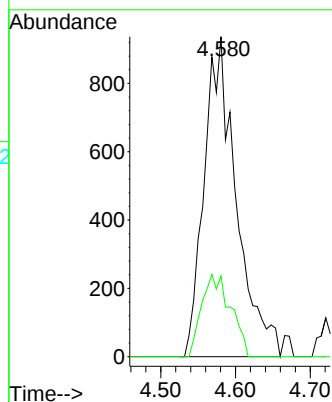
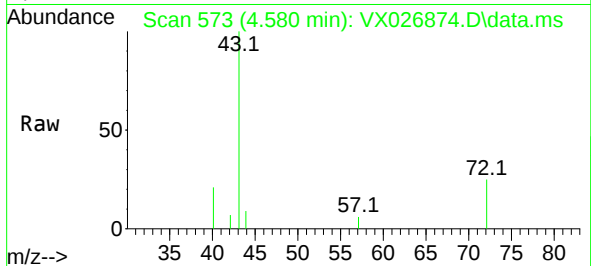




#25
2-Butanone
Concen: 2.511 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

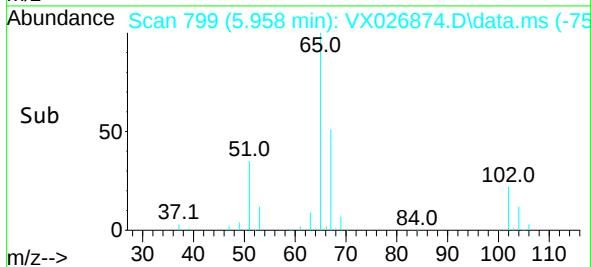
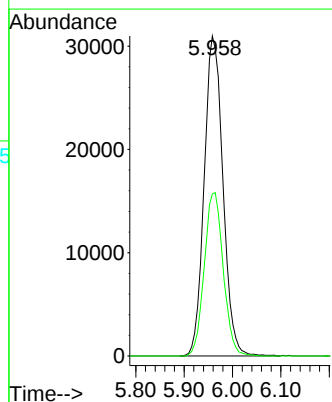
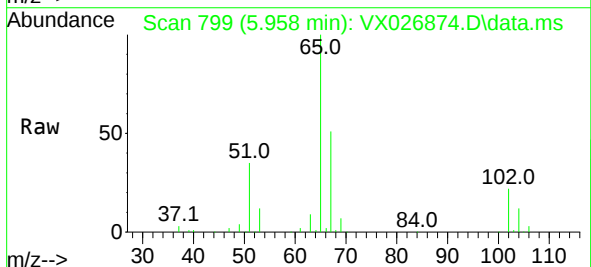
Instrument :
MSVOA_X
ClientSampleId :
31380

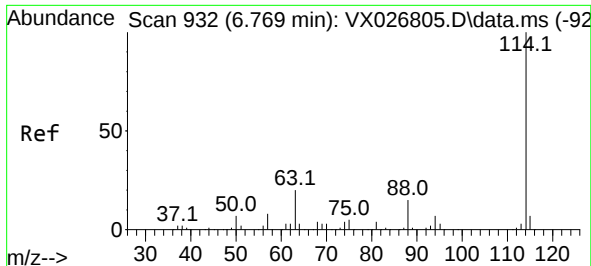
Tgt Ion: 43 Resp: 2792
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 53.197 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 65 Resp: 83576
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8

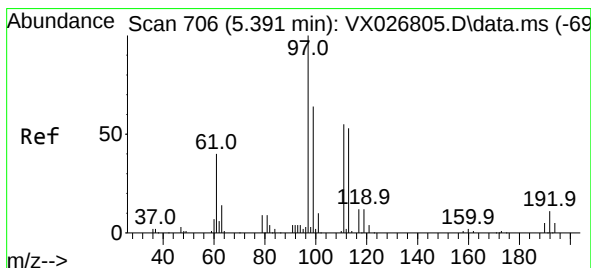
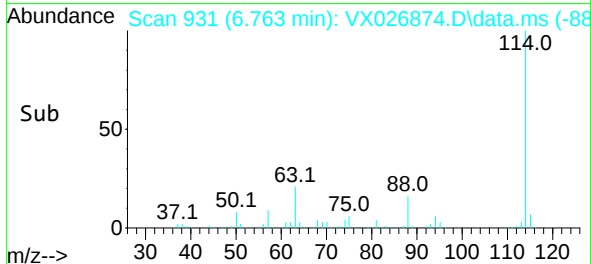
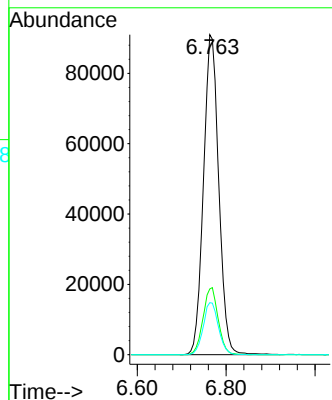
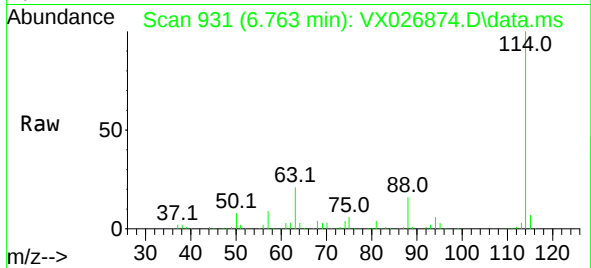




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

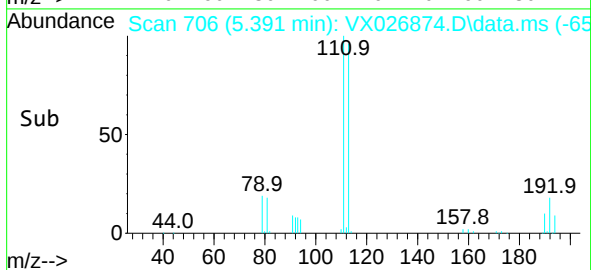
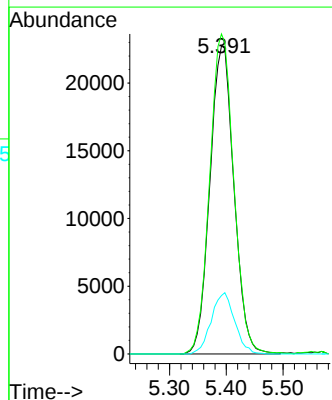
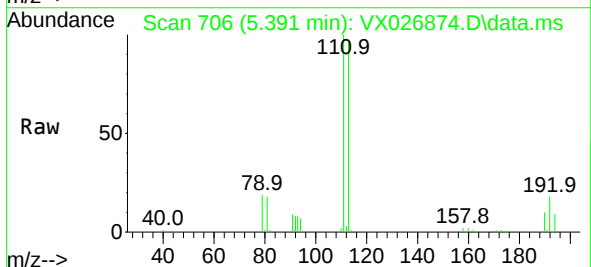
Instrument :
MSVOA_X
ClientSampleId :
31380

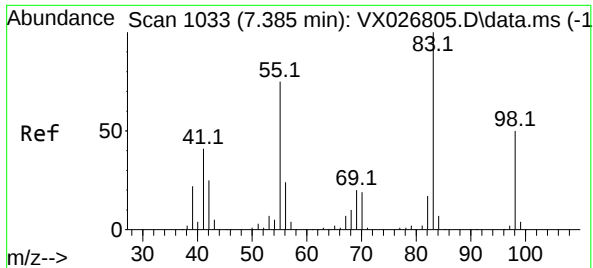
Tgt Ion:114 Resp: 217777
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion:113 Resp: 67064
Ion Ratio Lower Upper
113 100
111 103.9 81.2 121.8
192 19.3 15.0 22.4





#39

Methylcyclohexane

Concen: 0.947 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026874.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

31380

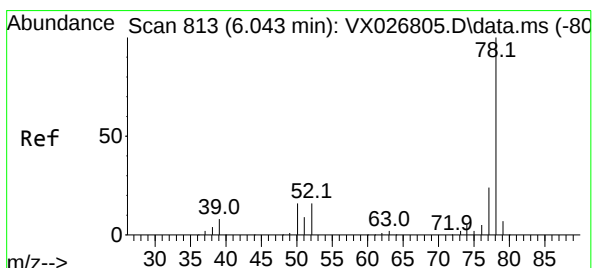
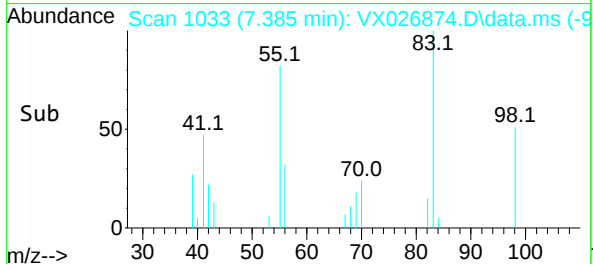
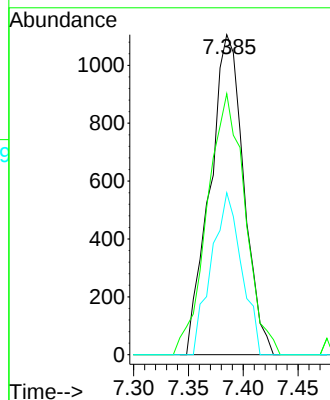
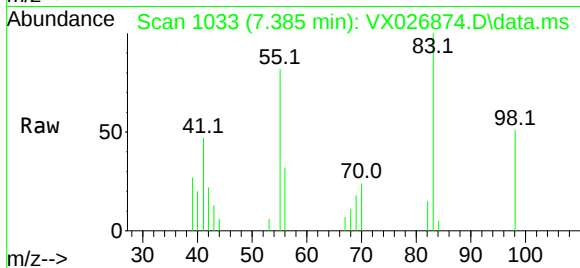
Tgt Ion: 83 Resp: 2377

Ion Ratio Lower Upper

83 100

55 81.6 63.6 95.4

98 50.6 38.4 57.6



#40

Benzene

Concen: 0.306 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX026874.D

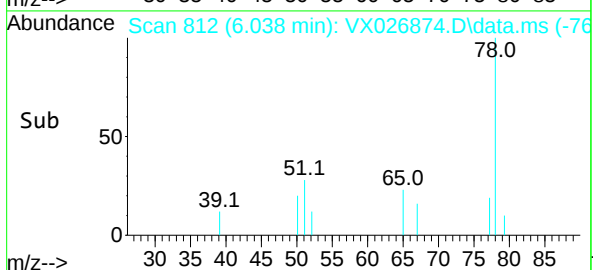
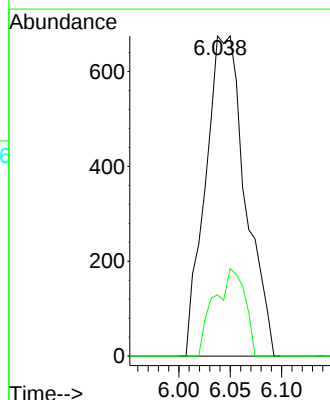
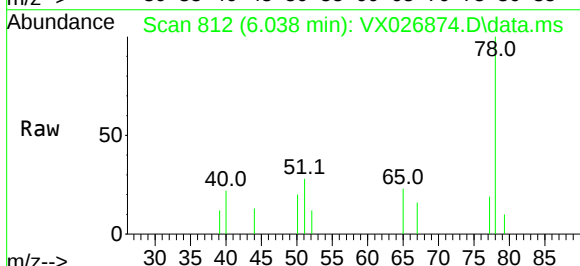
Acq: 09 Feb 2022 17:20

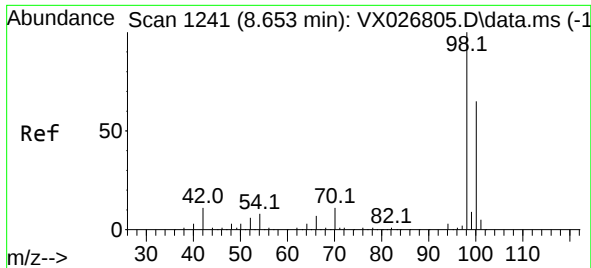
Tgt Ion: 78 Resp: 1824

Ion Ratio Lower Upper

78 100

77 19.1 18.9 28.3

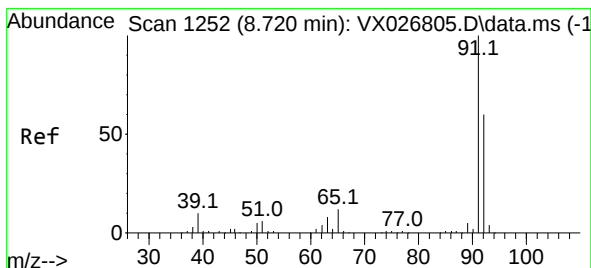
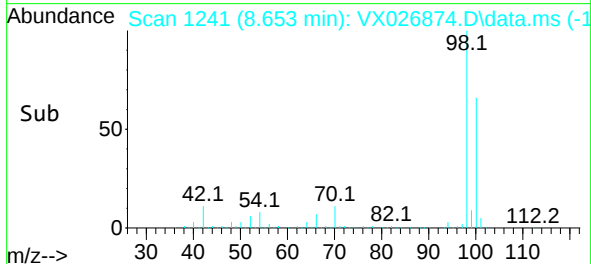
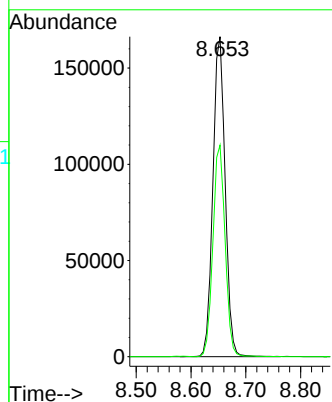
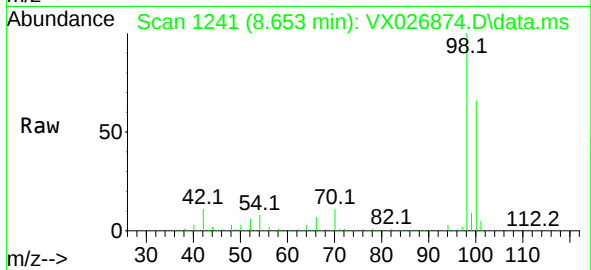




#50
Toluene-d8
Concen: 53.976 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

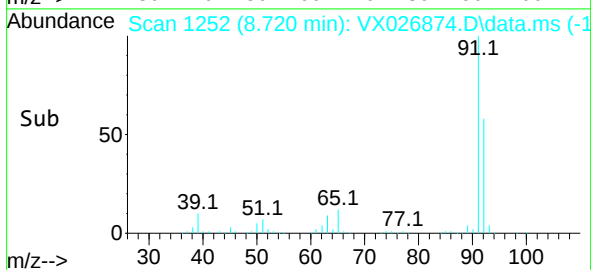
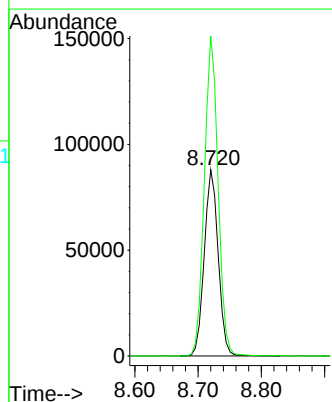
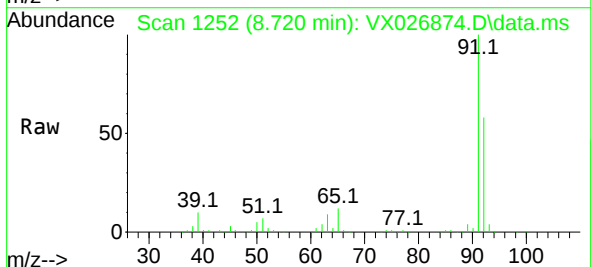
Instrument :
MSVOA_X
ClientSampleId :
31380

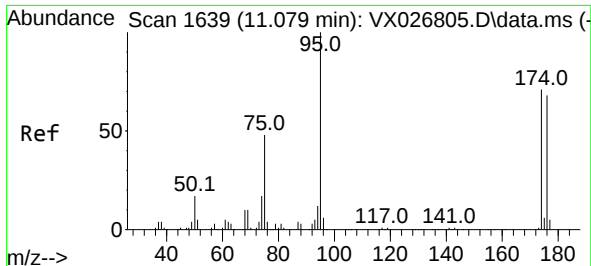
Tgt Ion: 98 Resp: 257068
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#52
Toluene
Concen: 35.655 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 92 Resp: 134663
Ion Ratio Lower Upper
92 100
91 169.7 135.7 203.5





#62

4-Bromofluorobenzene

Concen: 55.873 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026874.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

31380

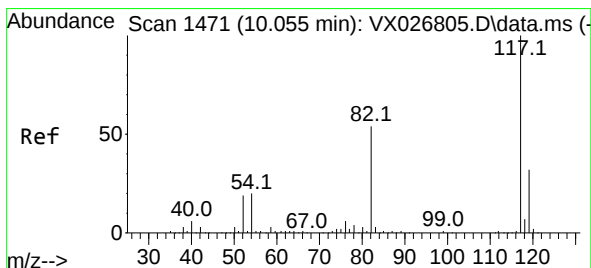
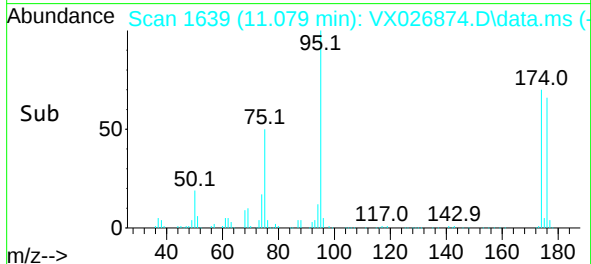
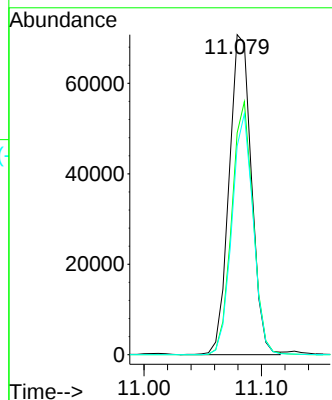
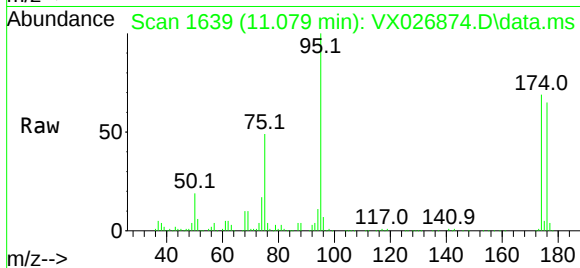
Tgt Ion: 95 Resp: 93686

Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.6

176 71.5 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: VX026874.D

Acq: 09 Feb 2022 17:20

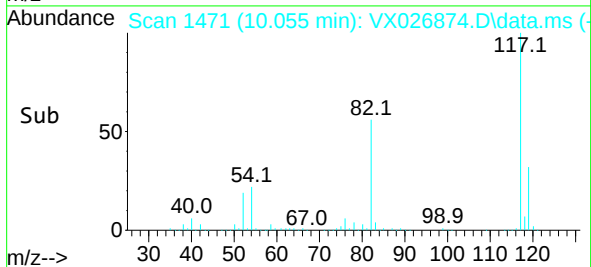
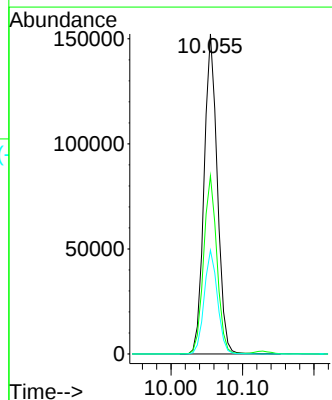
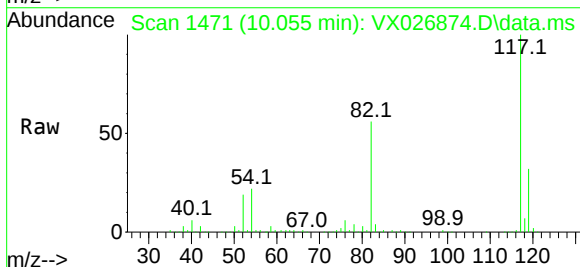
Tgt Ion: 117 Resp: 195760

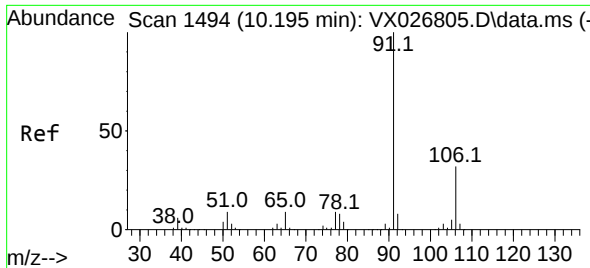
Ion Ratio Lower Upper

117 100

82 55.6 45.2 67.8

119 32.4 26.2 39.2

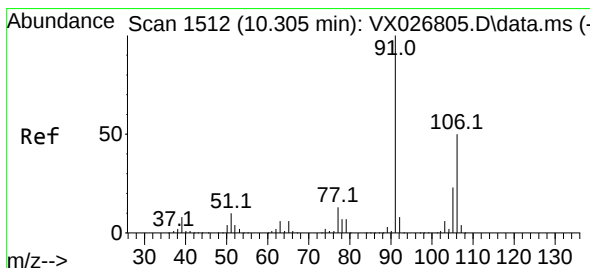
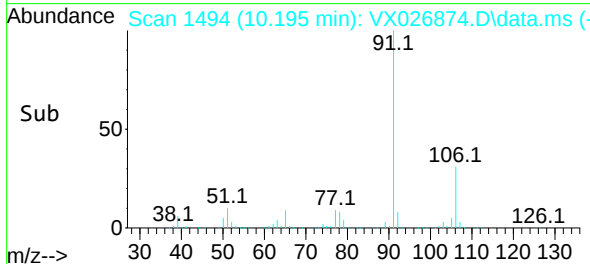
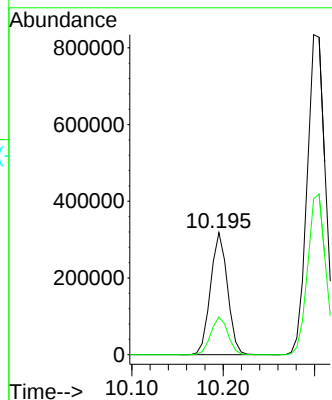
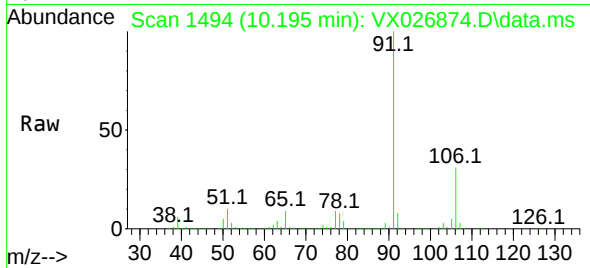




#67
Ethyl Benzene
Concen: 57.102 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

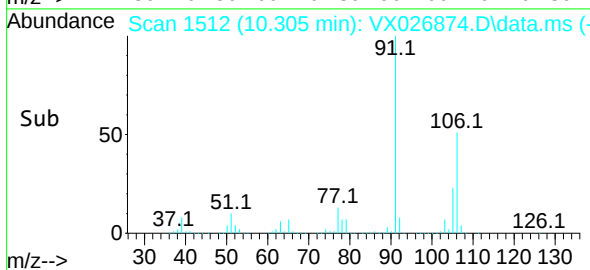
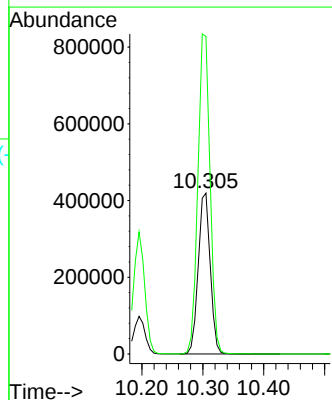
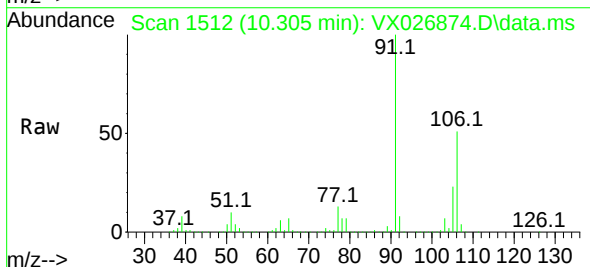
Instrument :
MSVOA_X
ClientSampleId :
31380

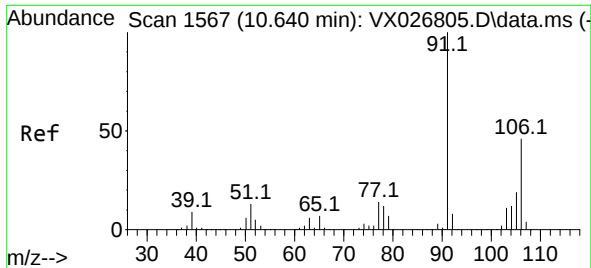
Tgt Ion: 91 Resp: 409162
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 207.637 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 106 Resp: 572424
Ion Ratio Lower Upper
106 100
91 202.2 165.3 247.9

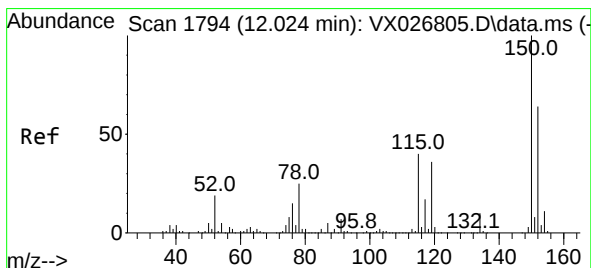
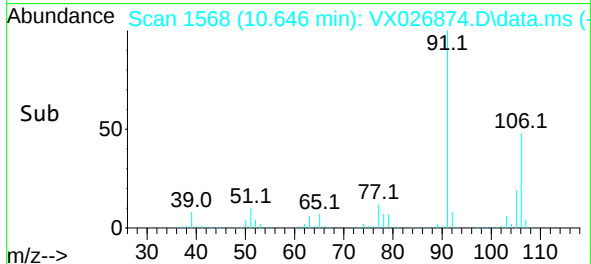
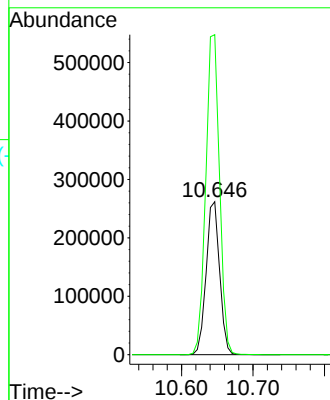
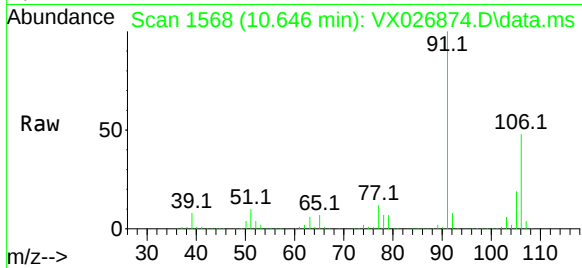




#69
o-Xylene
Concen: 126.858 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

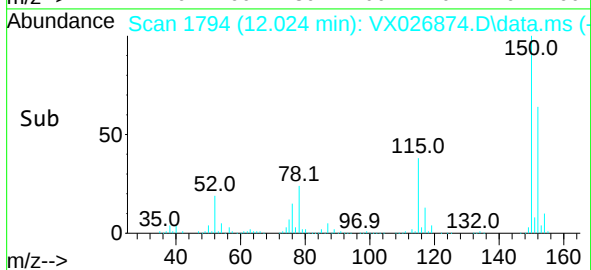
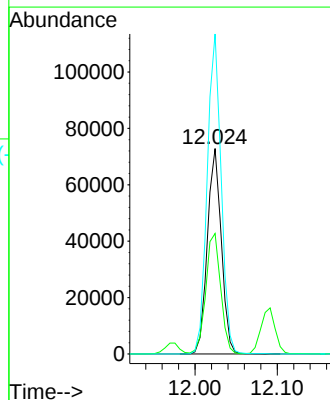
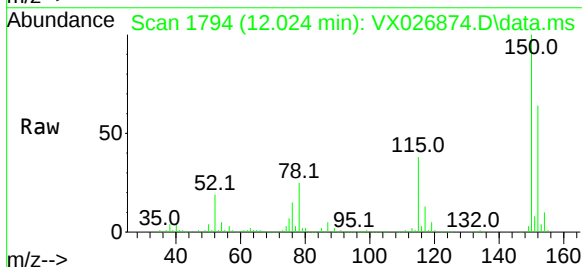
Instrument :
MSVOA_X
ClientSampleId :
31380

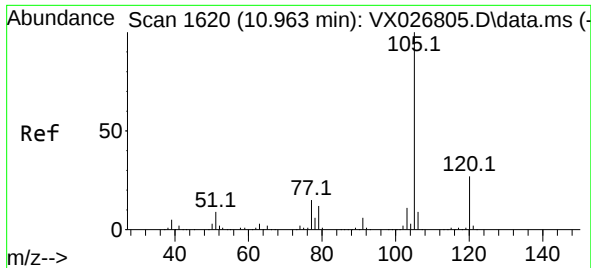
Tgt Ion:106 Resp: 342691
Ion Ratio Lower Upper
106 100
91 214.3 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion:152 Resp: 86020
Ion Ratio Lower Upper
152 100
115 62.4 44.2 132.6
150 155.8 0.0 348.2

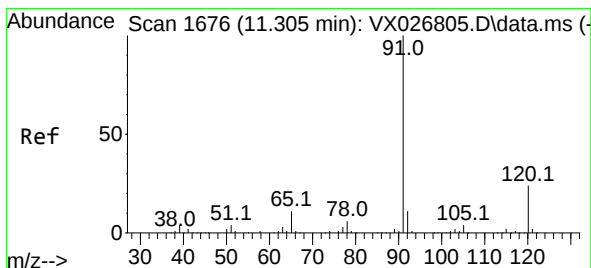
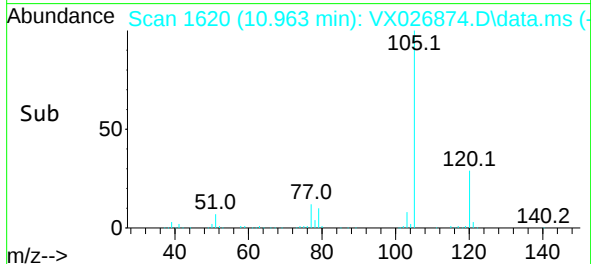
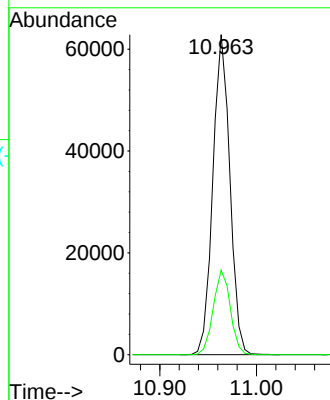
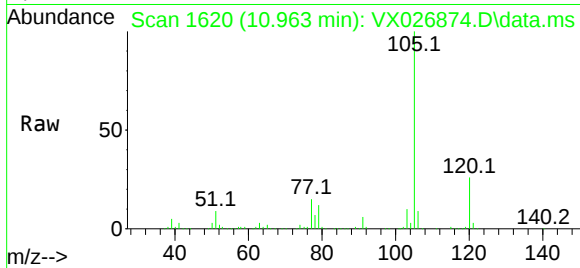




#73
Isopropylbenzene
Concen: 11.338 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

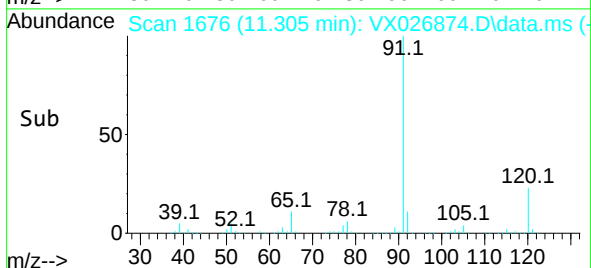
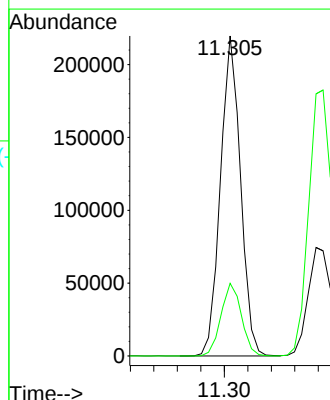
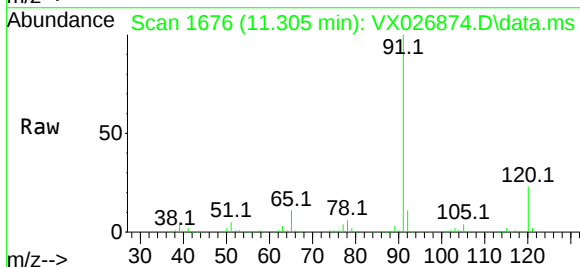
Instrument :
MSVOA_X
ClientSampleId :
31380

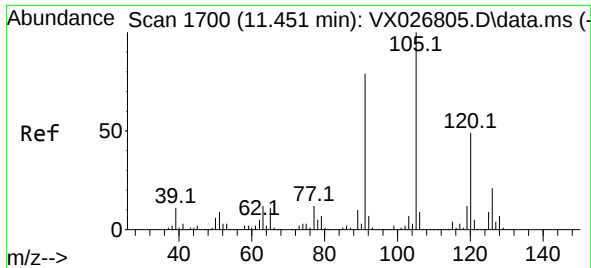
Tgt Ion:105 Resp: 76822
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#78
n-propylbenzene
Concen: 34.676 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 91 Resp: 260469
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.7

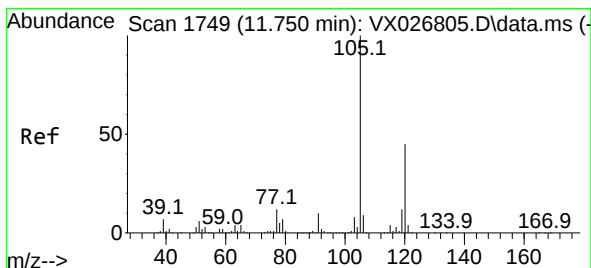
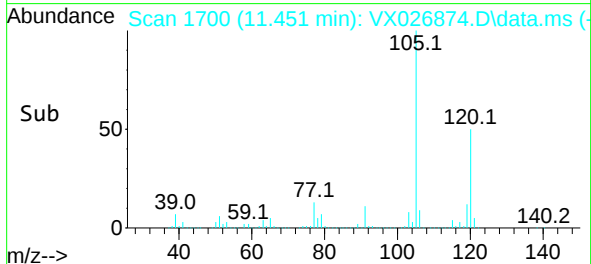
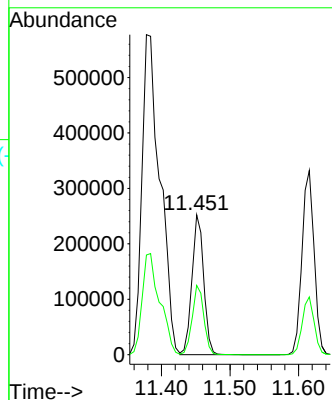
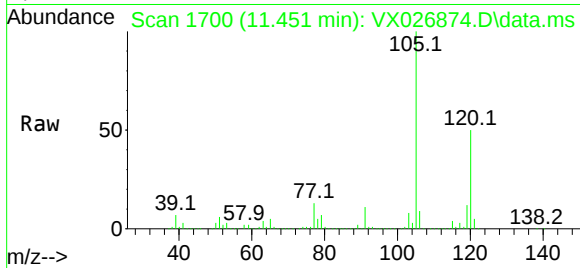




#80
1,3,5-Trimethylbenzene
Concen: 53.829 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

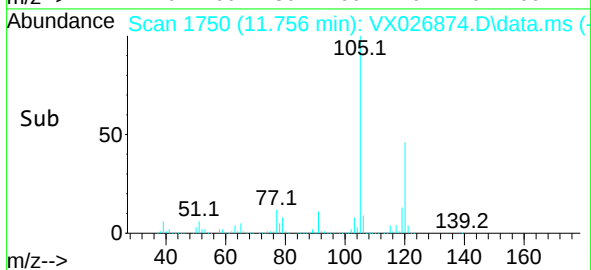
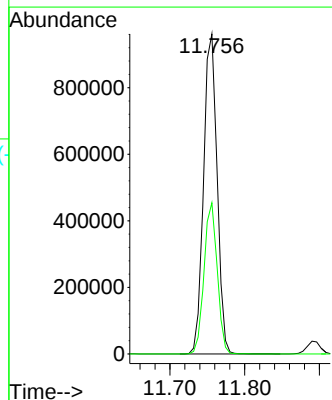
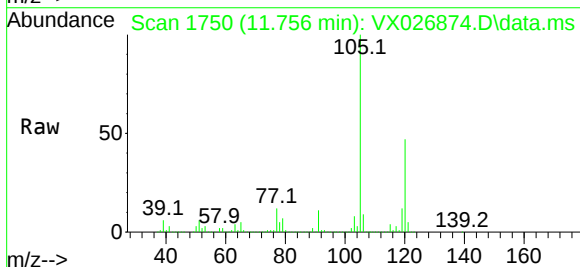
Instrument :
MSVOA_X
ClientSampleId :
31380

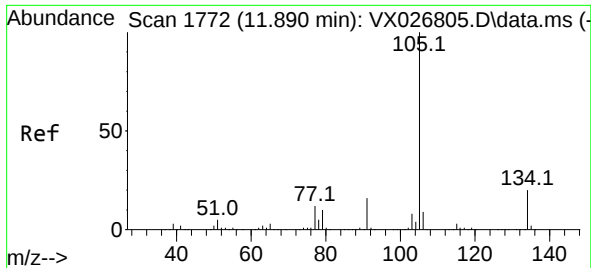
Tgt Ion:105 Resp: 300175
Ion Ratio Lower Upper
105 100
120 49.3 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 214.910 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026874.D
Acq: 09 Feb 2022 17:20

Tgt Ion:105 Resp: 1208822
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.5

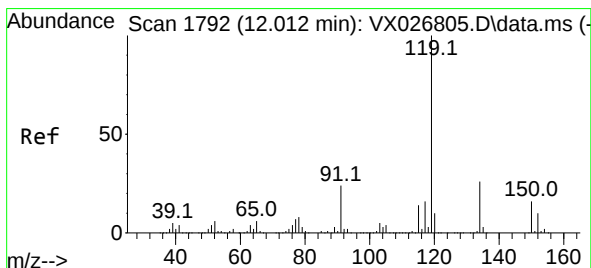
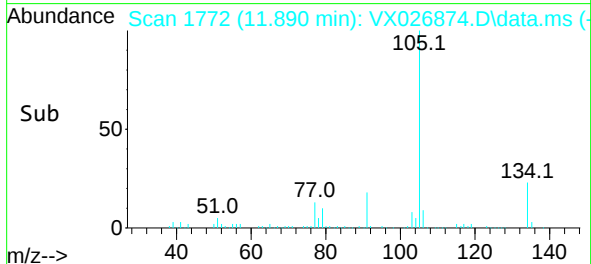
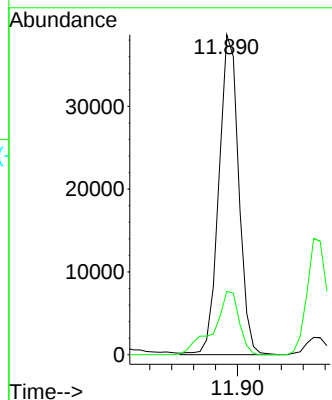
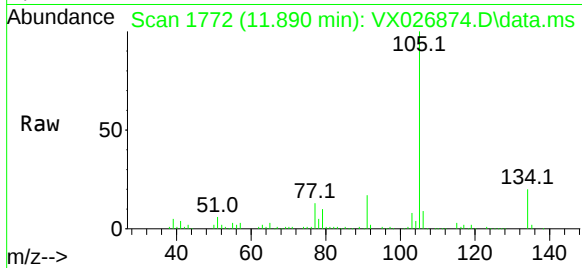




#85
 sec-Butylbenzene
 Concen: 7.226 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026874.D
 Acq: 09 Feb 2022 17:20

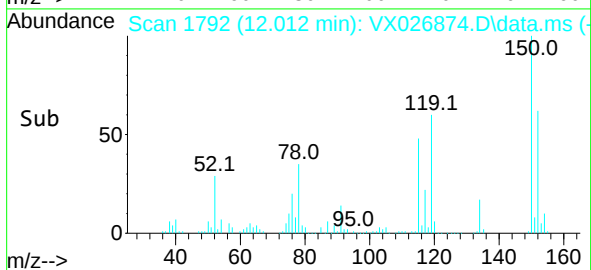
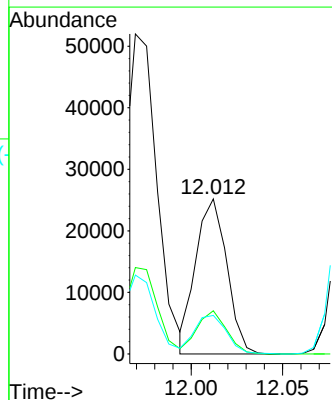
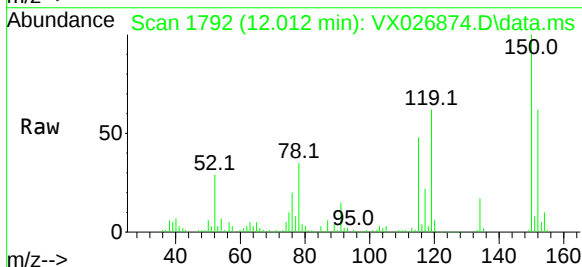
Instrument :
 MSVOA_X
 ClientSampleId :
 31380

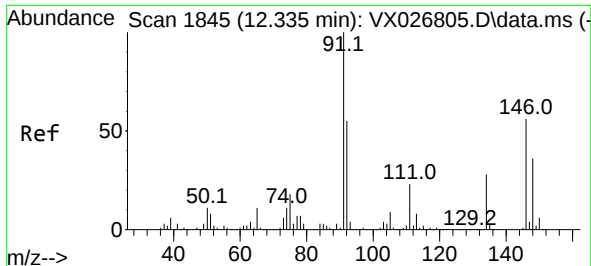
Tgt Ion:105 Resp: 48681
 Ion Ratio Lower Upper
 105 100
 134 25.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 5.220 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026874.D
 Acq: 09 Feb 2022 17:20

Tgt Ion:119 Resp: 29796
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 25.9 12.6 37.6





#89

n-Butylbenzene

Concen: 19.843 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX026874.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

31380

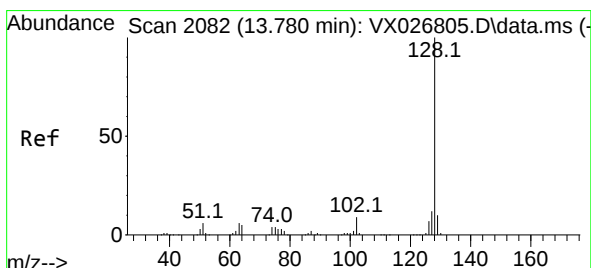
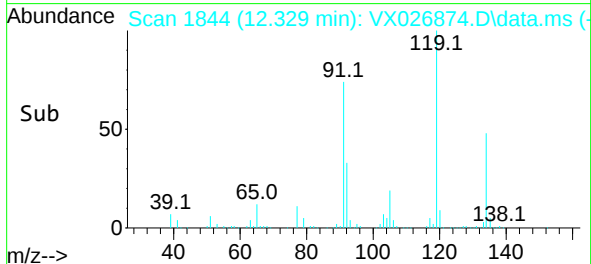
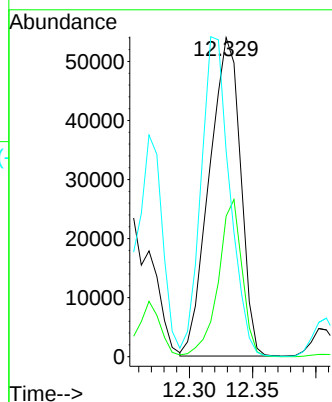
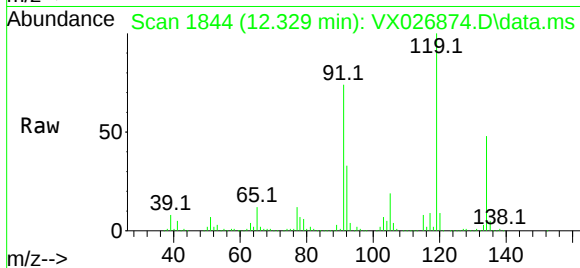
Tgt Ion: 91 Resp: 92664

Ion Ratio Lower Upper

91 100

92 37.7 27.2 81.6

134 92.0 13.1 39.1#



#95

Naphthalene

Concen: 36.190 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX026874.D

Acq: 09 Feb 2022 17:20

Tgt Ion:128 Resp: 227813

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.5 8.7 13.1

