

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033329.D
 Acq On : 08 Dec 2022 17:27
 Operator : JC/MD
 Sample : N5890-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1921

Quant Time: Dec 09 00:51:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

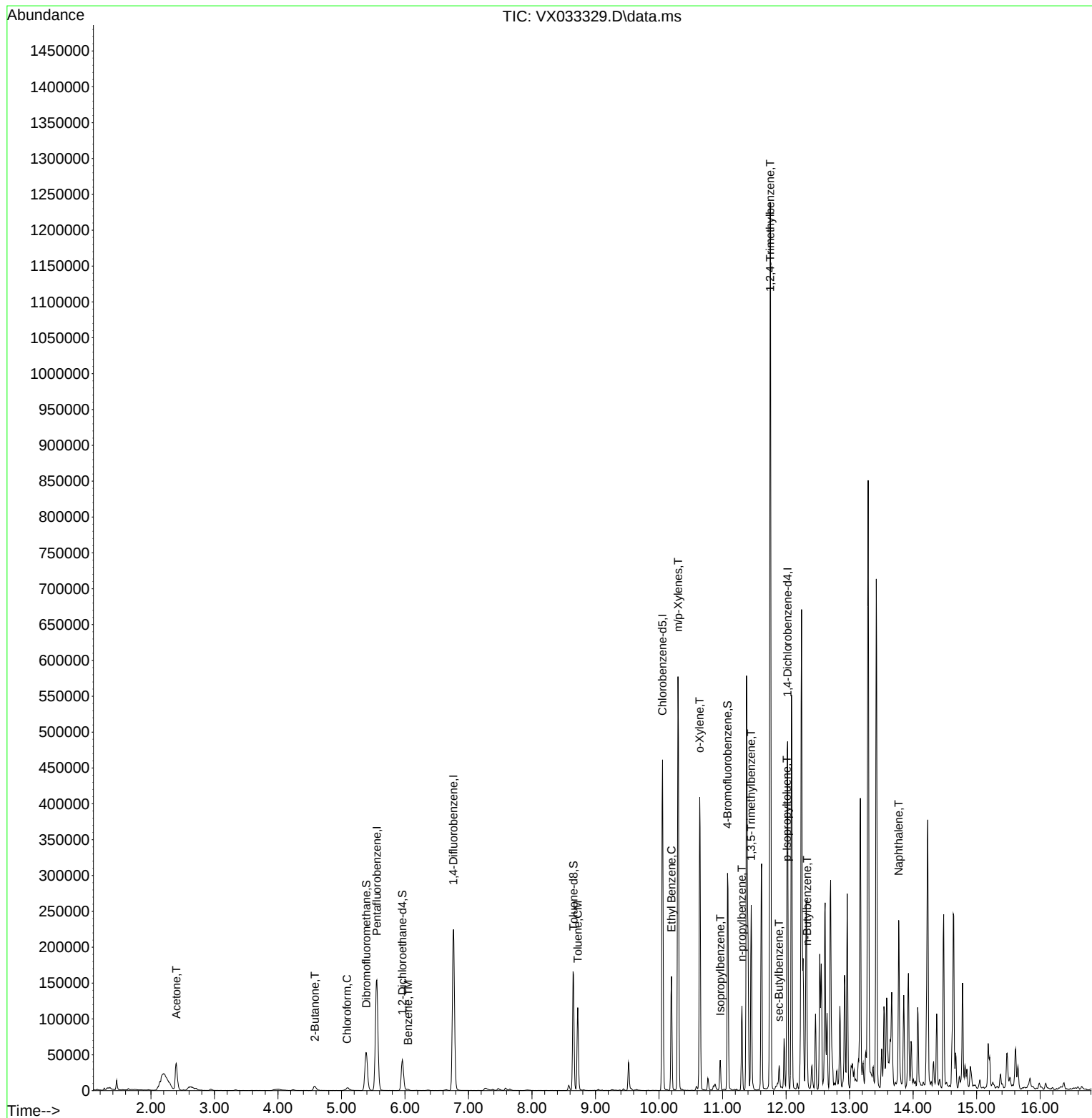
Internal Standards						
1) Pentafluorobenzene	5.555	168	150567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43548	45.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.160%
35) Dibromofluoromethane	5.391	113	47181	43.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.740%
50) Toluene-d8	8.652	98	102028	45.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.680%#
62) 4-Bromofluorobenzene	11.079	95	80537	46.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	52768	73.825	ug/l	96
25) 2-Butanone	4.580	43	12580	12.261	ug/l	97
30) Chloroform	5.086	83	3334	1.094	ug/l	91
40) Benzene	6.049	78	2207	0.361	ug/l	93
52) Toluene	8.720	92	43181	10.923	ug/l	98
67) Ethyl Benzene	10.195	91	92307	12.328	ug/l	100
68) m/p-Xylenes	10.299	106	131964	45.300	ug/l	100
69) o-Xylene	10.640	106	88205	30.633	ug/l	99
73) Isopropylbenzene	10.963	105	22143	2.978	ug/l	98
78) n-propylbenzene	11.304	91	70495	8.490	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	110741	17.891	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	544616	88.144	ug/l	98
85) sec-Butylbenzene	11.890	105	16682	2.316	ug/l	88
86) p-Isopropyltoluene	12.012	119	12459	2.007	ug/l	98
89) n-Butylbenzene	12.329	91	38432	7.557	ug/l #	27
95) Naphthalene	13.774	128	142129	20.746	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
Data File : VX033329.D
Acq On : 08 Dec 2022 17:27
Operator : JC/MD
Sample : N5890-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1921

Quant Time: Dec 09 00:51:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

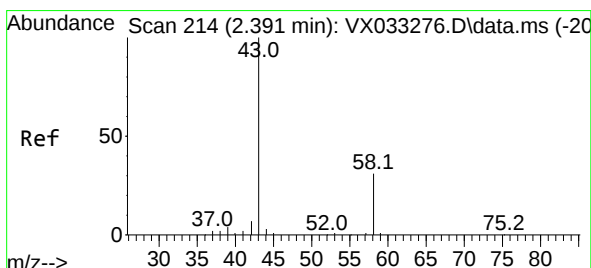
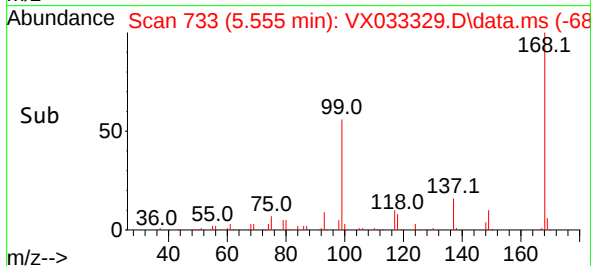
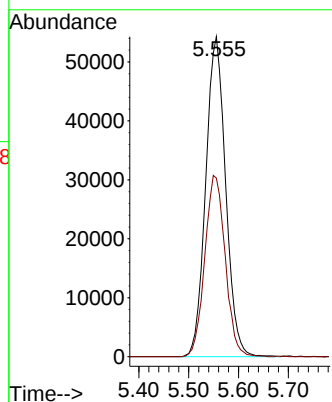
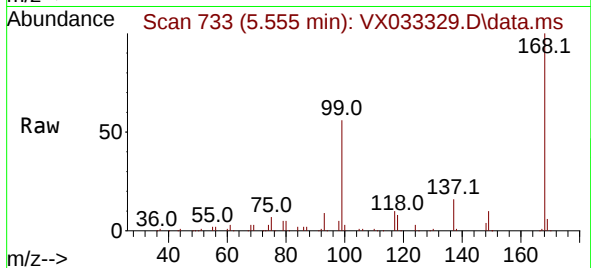




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

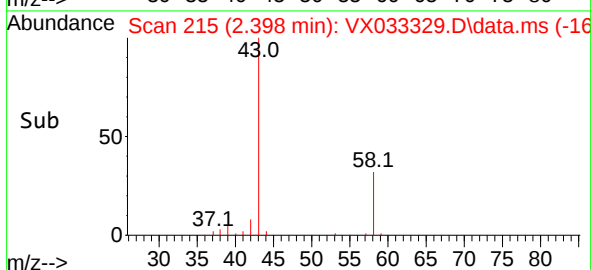
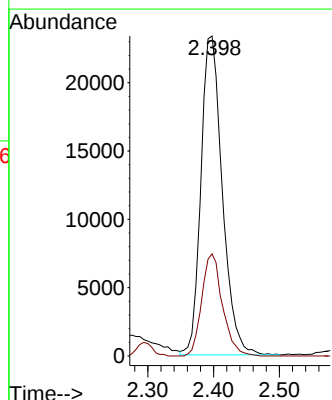
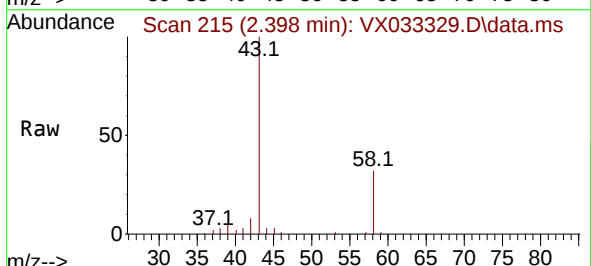
Instrument :
MSVOA_X
ClientSampleId :
1921

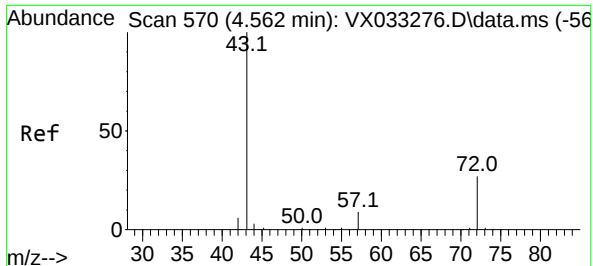
Tgt Ion:168 Resp: 150567
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1



#16
Acetone
Concen: 73.825 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

Tgt Ion: 43 Resp: 52768
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.8





#25

2-Butanone

Concen: 12.261 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX033329.D

Acq: 08 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

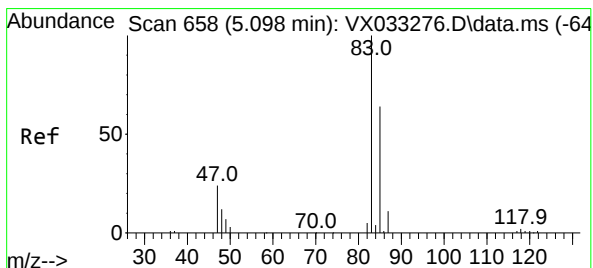
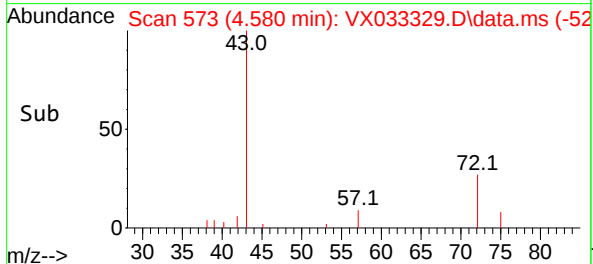
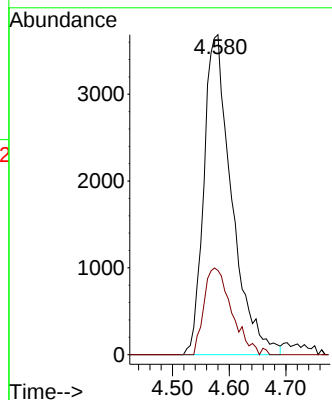
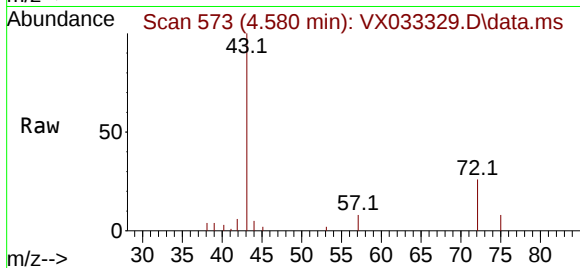
1921

Tgt Ion: 43 Resp: 12580

Ion Ratio Lower Upper

43 100

72 26.3 22.2 33.2



#30

Chloroform

Concen: 1.094 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX033329.D

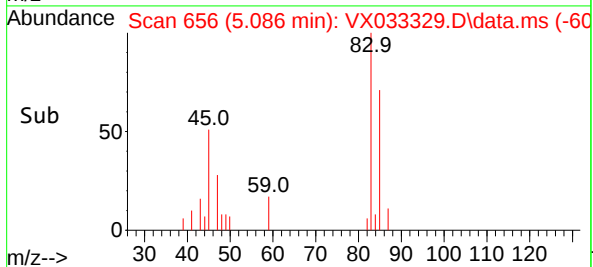
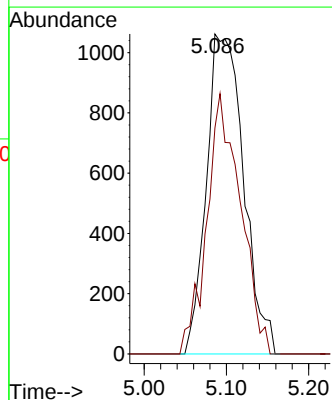
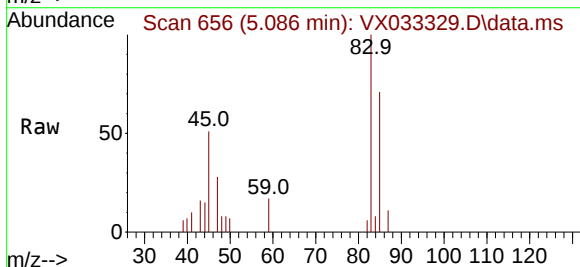
Acq: 08 Dec 2022 17:27

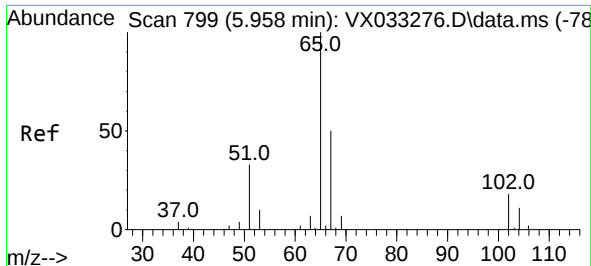
Tgt Ion: 83 Resp: 3334

Ion Ratio Lower Upper

83 100

85 70.6 51.1 76.7

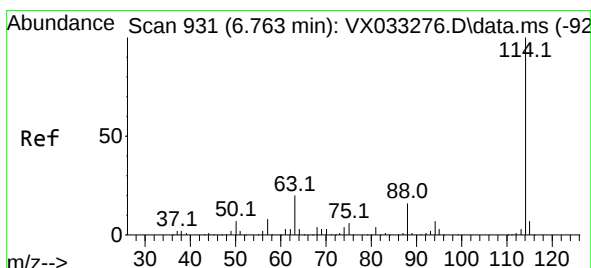
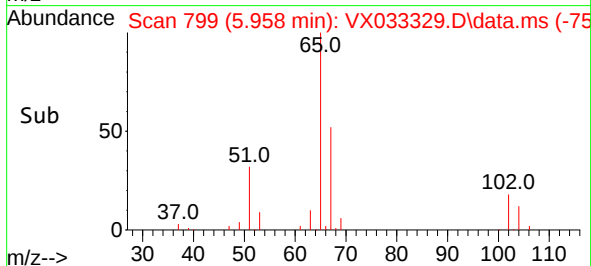
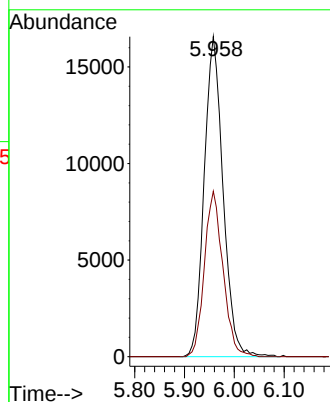
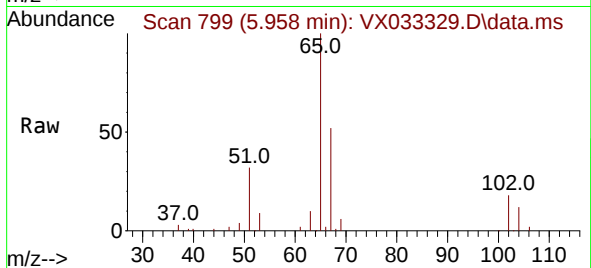




#33
 1,2-Dichloroethane-d4
 Concen: 45.084 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

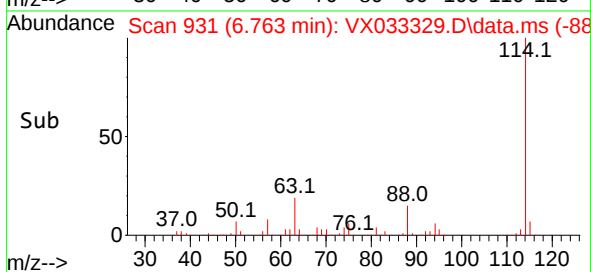
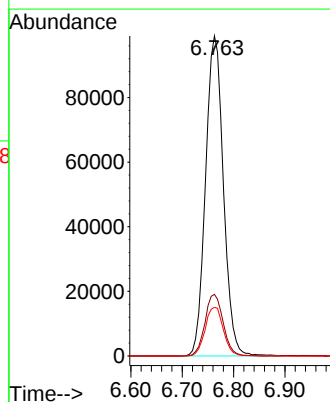
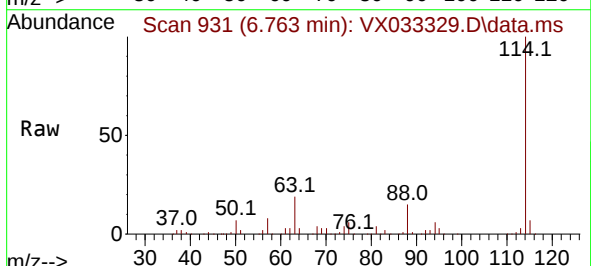
Instrument :
 MSVOA_X
 ClientSampleId :
 1921

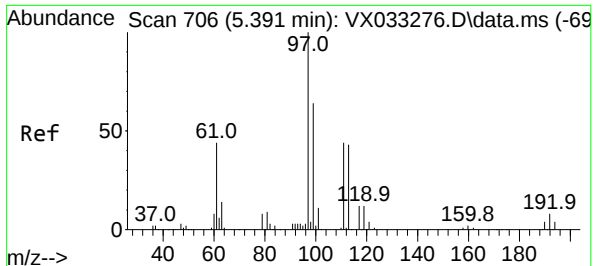
Tgt Ion: 65 Resp: 43548
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

Tgt Ion: 114 Resp: 239134
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.6
 88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.866 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX033329.D

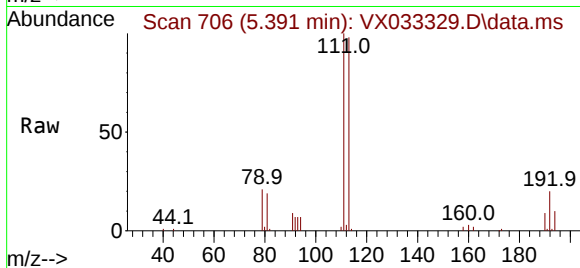
Acq: 08 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

1921



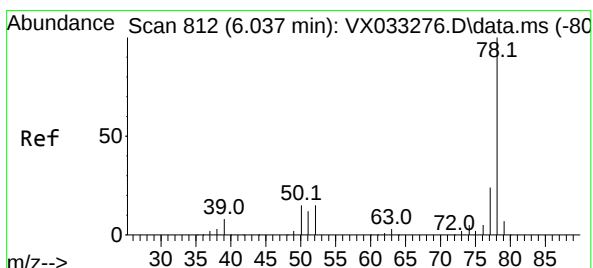
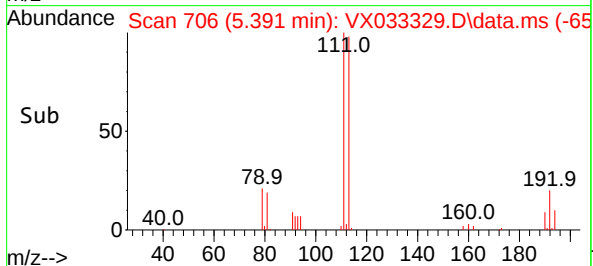
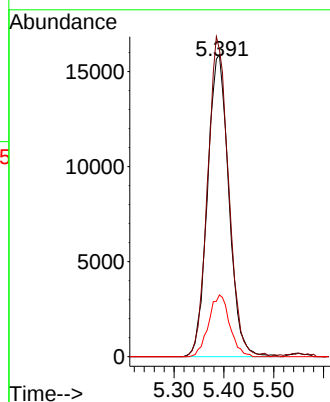
Tgt Ion:113 Resp: 47181

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 20.2 15.4 23.2



#40

Benzene

Concen: 0.361 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.012 min

Lab File: VX033329.D

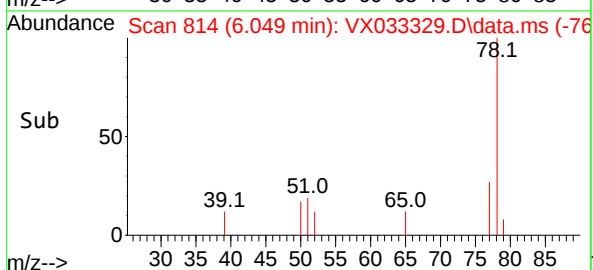
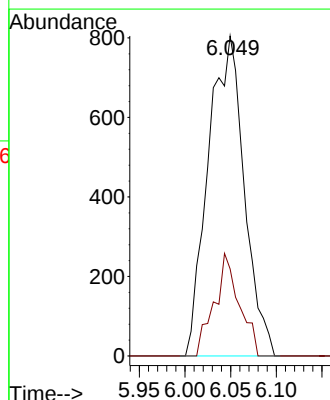
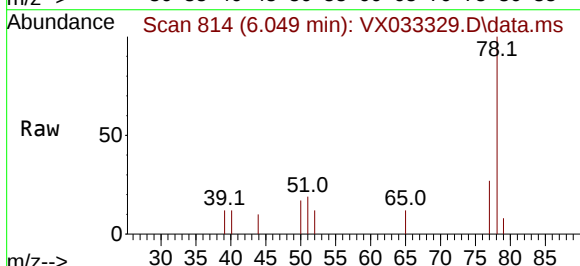
Acq: 08 Dec 2022 17:27

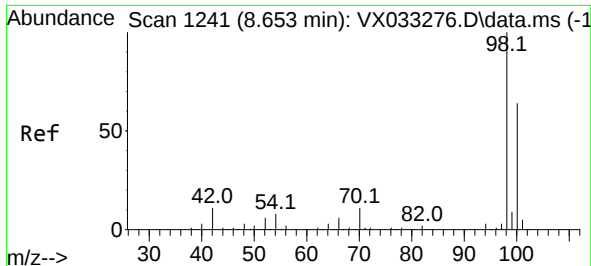
Tgt Ion: 78 Resp: 2207

Ion Ratio Lower Upper

78 100

77 27.2 19.0 28.4

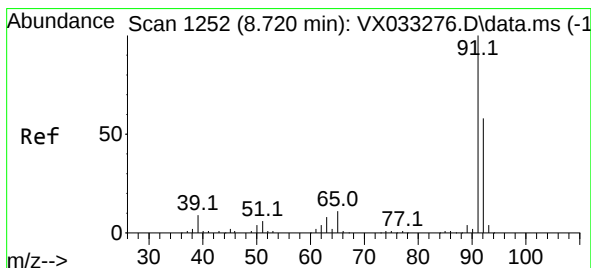
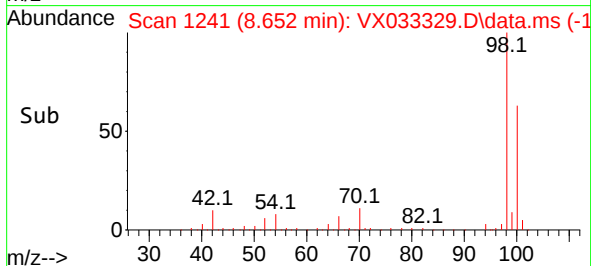
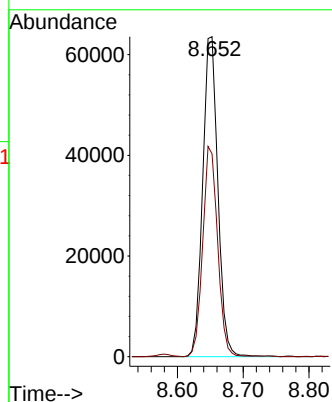
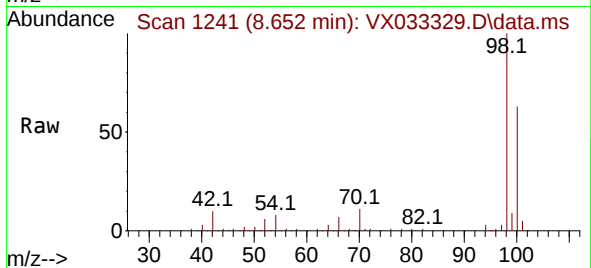




#50
Toluene-d8
Concen: 45.345 ug/l
RT: 8.652 min Scan# 11921
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

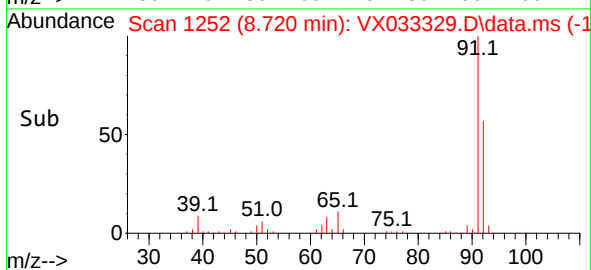
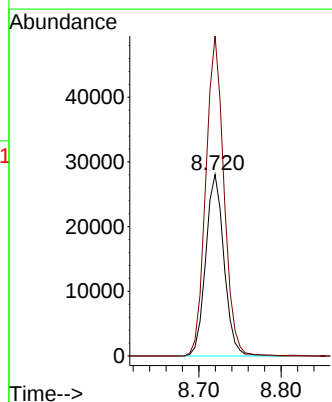
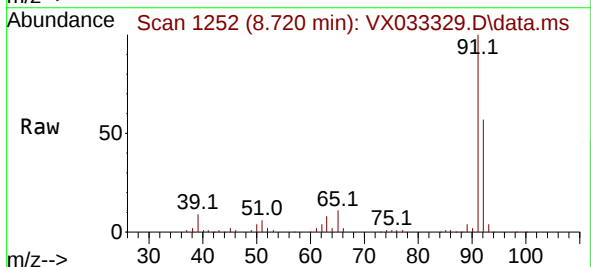
Instrument :
MSVOA_X
ClientSampleId :
1921

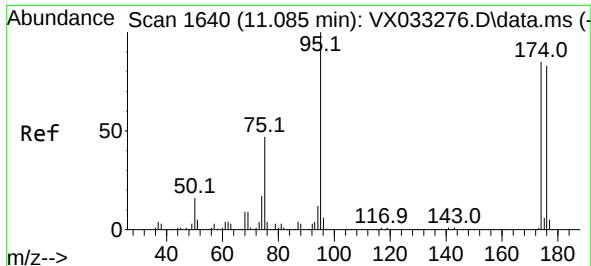
Tgt Ion: 98 Resp: 102028
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#52
Toluene
Concen: 10.923 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

Tgt Ion: 92 Resp: 43181
Ion Ratio Lower Upper
92 100
91 175.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 46.812 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033329.D

Acq: 08 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

1921

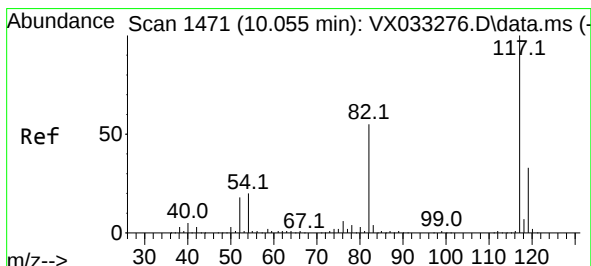
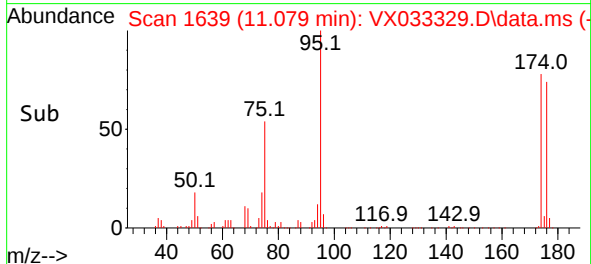
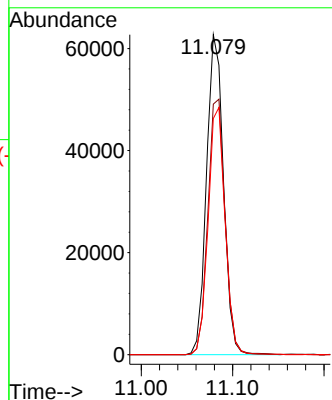
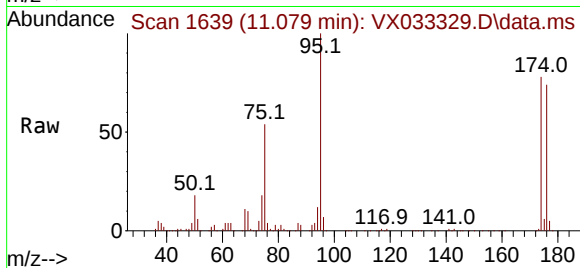
Tgt Ion: 95 Resp: 80537

Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 77.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033329.D

Acq: 08 Dec 2022 17:27

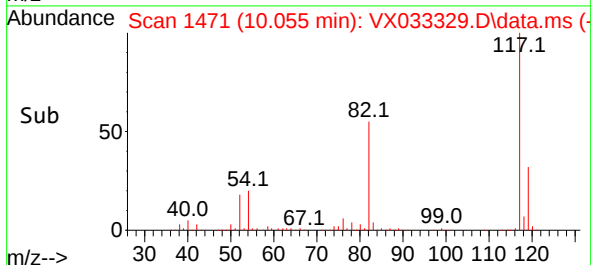
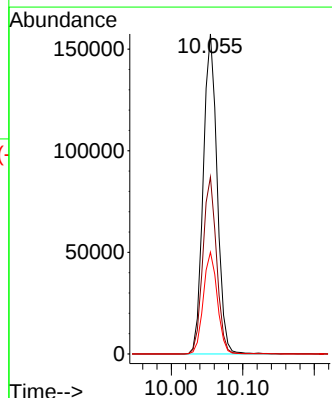
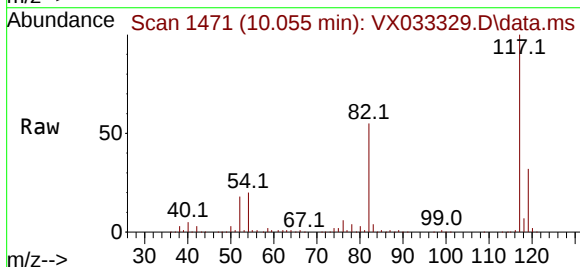
Tgt Ion: 117 Resp: 212236

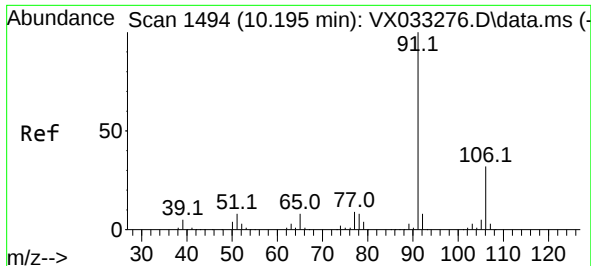
Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

119 31.8 25.7 38.5

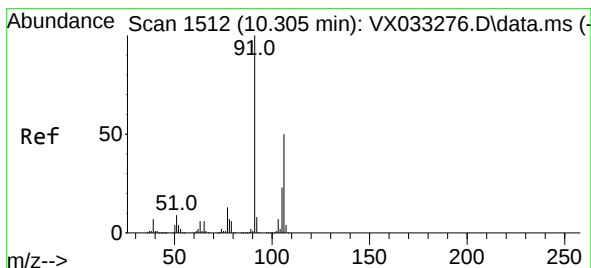
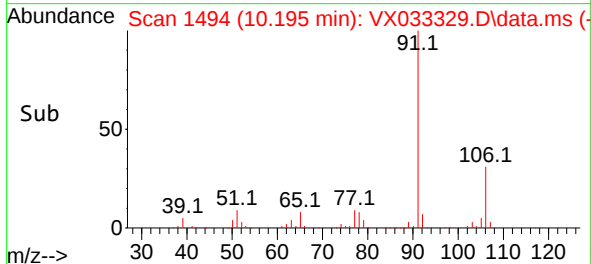
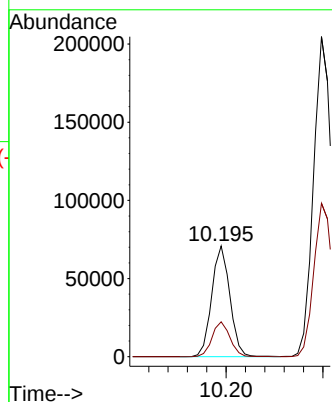
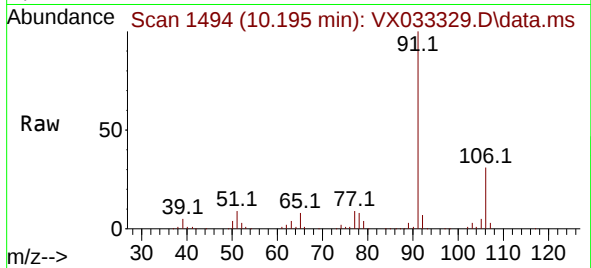




#67
Ethyl Benzene
Concen: 12.328 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

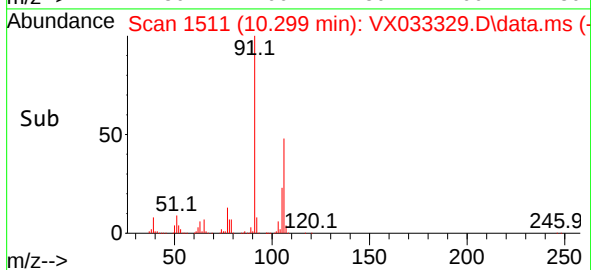
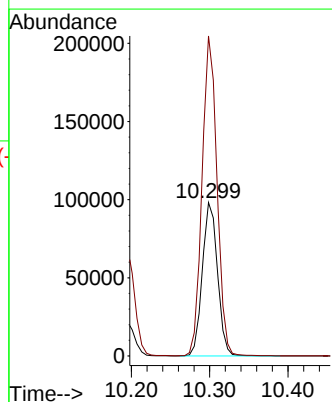
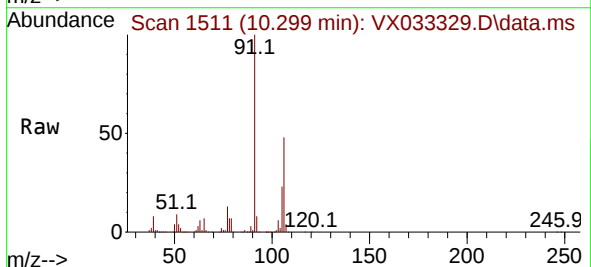
Instrument :
MSVOA_X
ClientSampleId :
1921

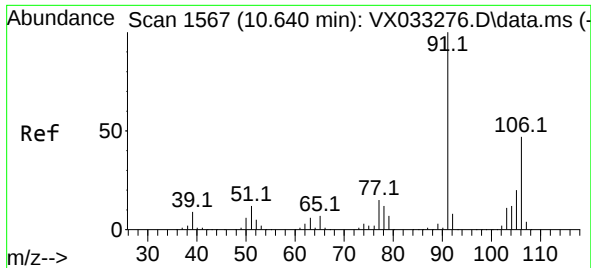
Tgt Ion: 91 Resp: 92307
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 45.300 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

Tgt Ion: 106 Resp: 131964
Ion Ratio Lower Upper
106 100
91 206.1 164.5 246.7

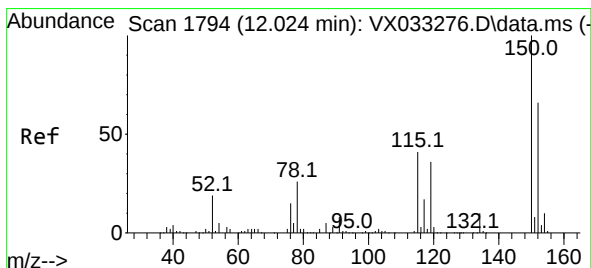
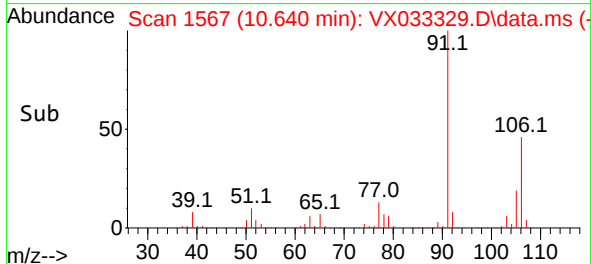
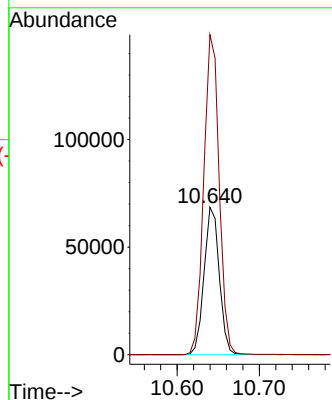
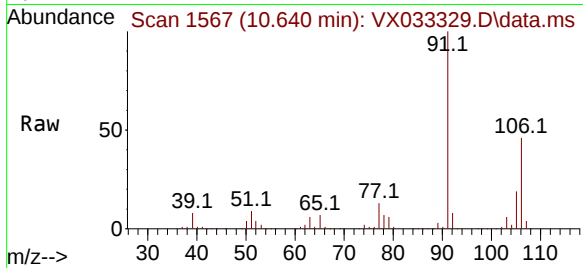




#69
o-Xylene
Concen: 30.633 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

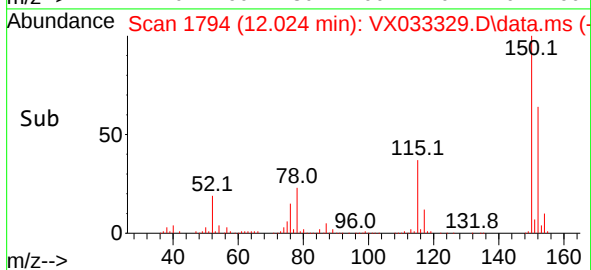
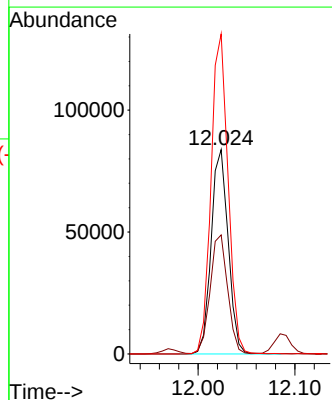
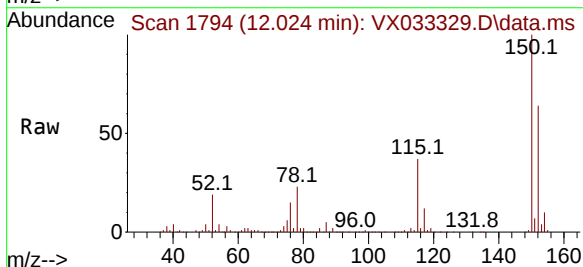
Instrument :
MSVOA_X
ClientSampleId :
1921

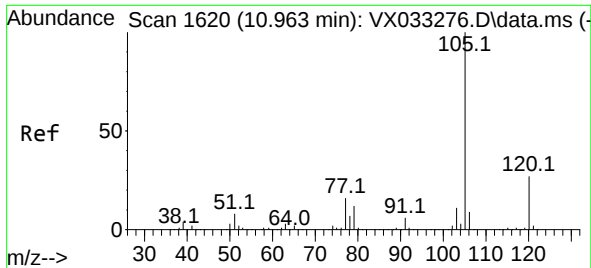
Tgt Ion:106 Resp: 88205
Ion Ratio Lower Upper
106 100
91 219.3 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

Tgt Ion:152 Resp: 102593
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.5 0.0 351.8

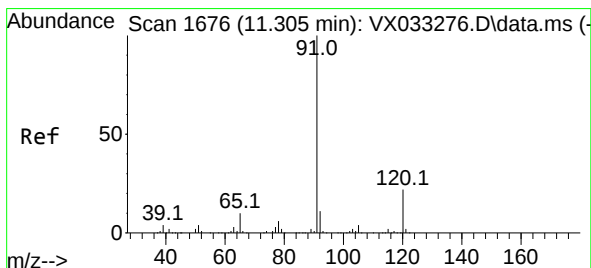
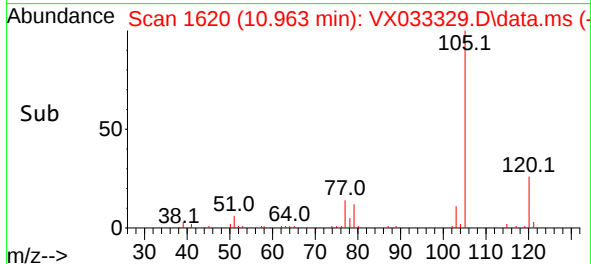
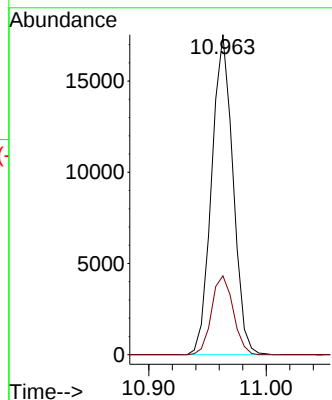
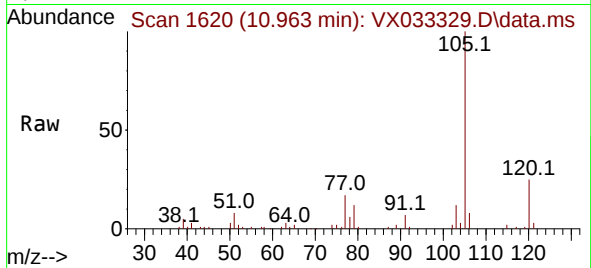




#73
Isopropylbenzene
Concen: 2.978 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

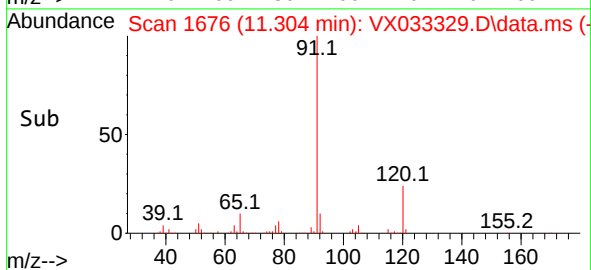
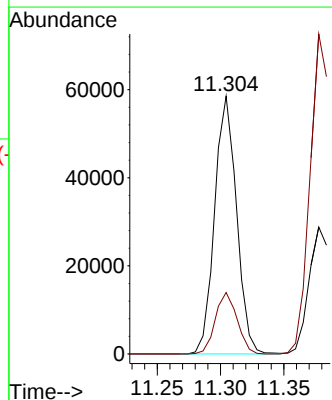
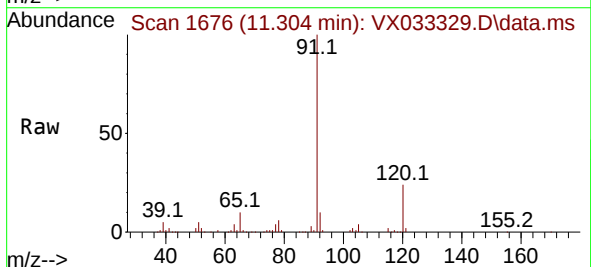
Instrument :
MSVOA_X
ClientSampleId :
1921

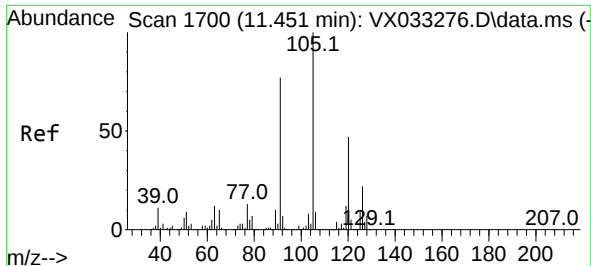
Tgt Ion:105 Resp: 22143
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.3



#78
n-propylbenzene
Concen: 8.490 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033329.D
Acq: 08 Dec 2022 17:27

Tgt Ion: 91 Resp: 70495
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

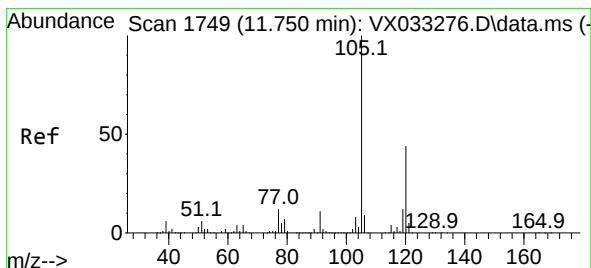
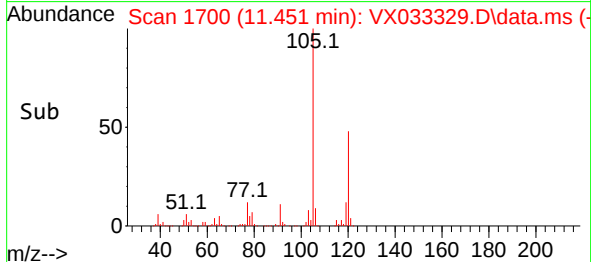
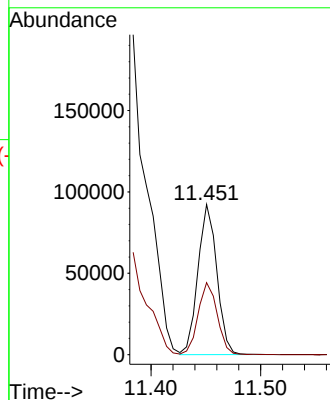
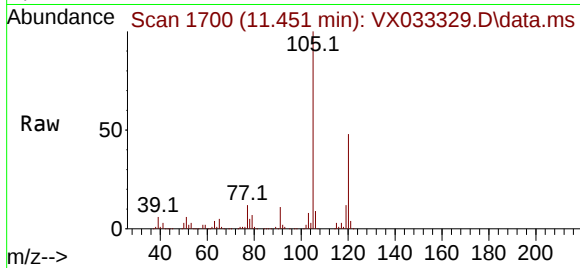




#80
 1,3,5-Trimethylbenzene
 Concen: 17.891 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

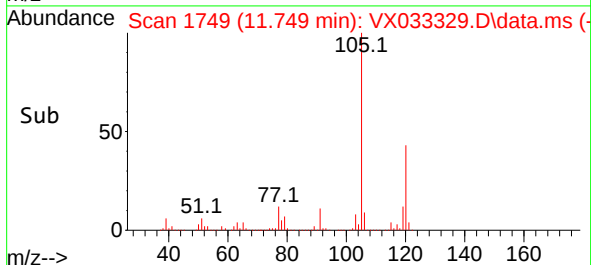
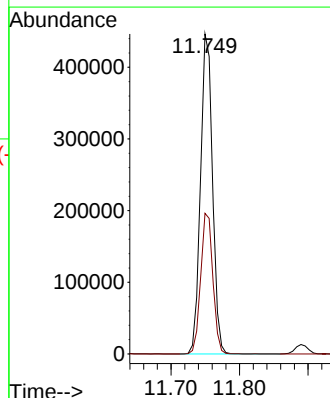
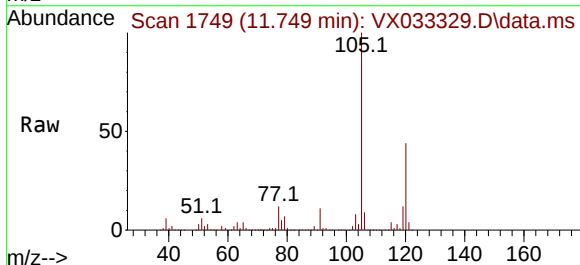
Instrument :
 MSVOA_X
 ClientSampleId :
 1921

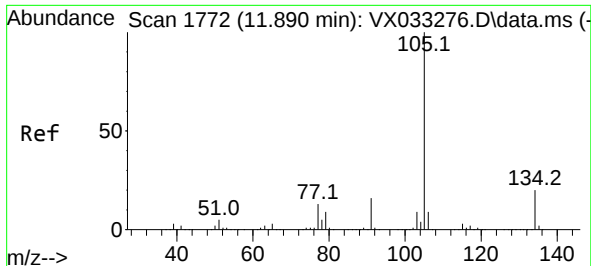
Tgt Ion:105 Resp: 110741
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 88.144 ug/l
 RT: 11.749 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

Tgt Ion:105 Resp: 544616
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.9 65.5

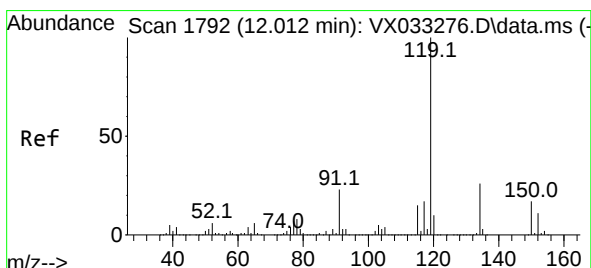
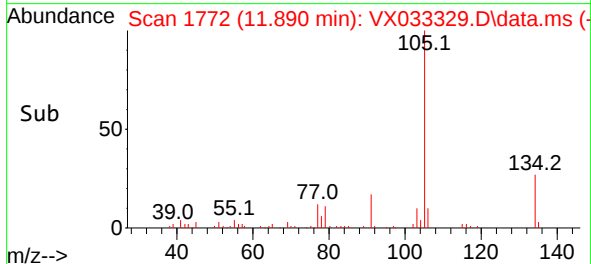
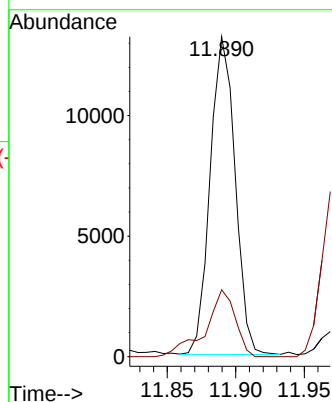
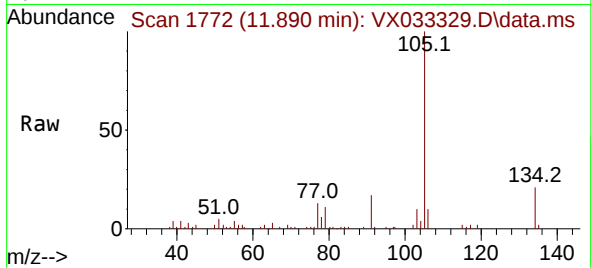




#85
 sec-Butylbenzene
 Concen: 2.316 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

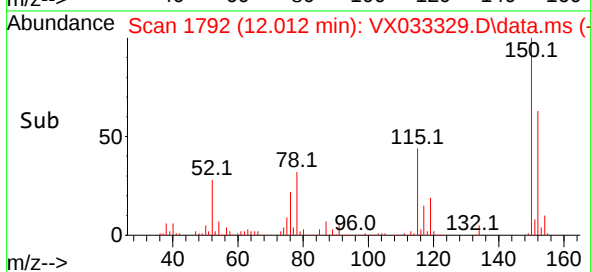
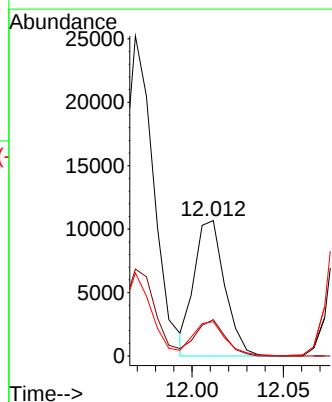
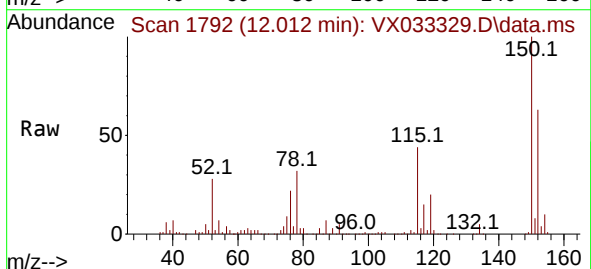
Instrument :
 MSVOA_X
 ClientSampleId :
 1921

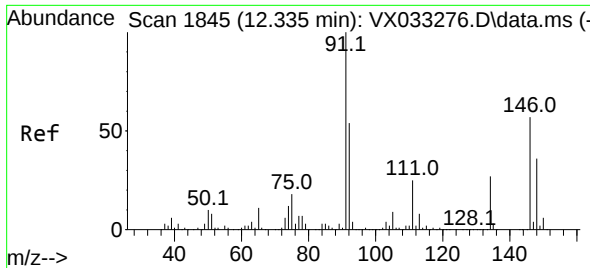
Tgt Ion:105 Resp: 16682
 Ion Ratio Lower Upper
 105 100
 134 25.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 2.007 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033329.D
 Acq: 08 Dec 2022 17:27

Tgt Ion:119 Resp: 12459
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 26.8 12.5 37.5





#89

n-Butylbenzene

Concen: 7.557 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033329.D

Acq: 08 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

1921

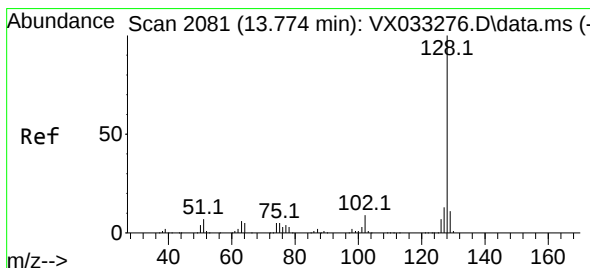
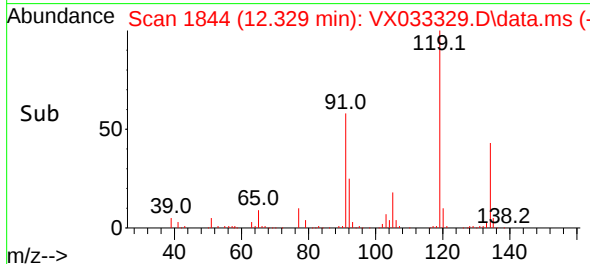
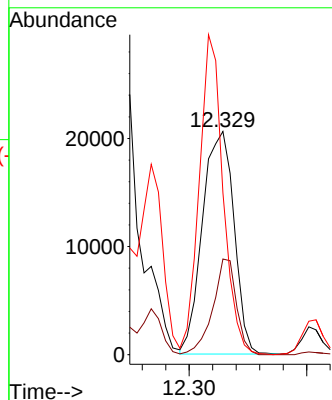
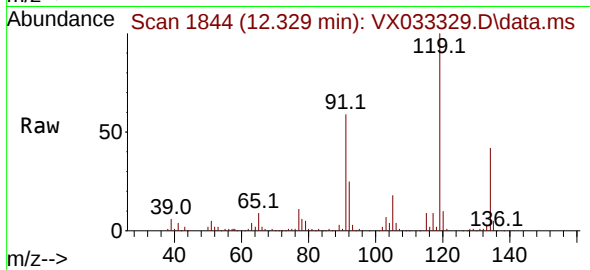
Tgt Ion: 91 Resp: 38432

Ion Ratio Lower Upper

91 100

92 32.2 26.2 78.6

134 108.5 12.9 38.6#



#95

Naphthalene

Concen: 20.746 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033329.D

Acq: 08 Dec 2022 17:27

Tgt Ion:128 Resp: 142129

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.6 8.9 13.3

