

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031867.D
 Acq On : 04 Oct 2022 14:24
 Operator : JC/MD
 Sample : N4914-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S2DL

Quant Time: Oct 05 06:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

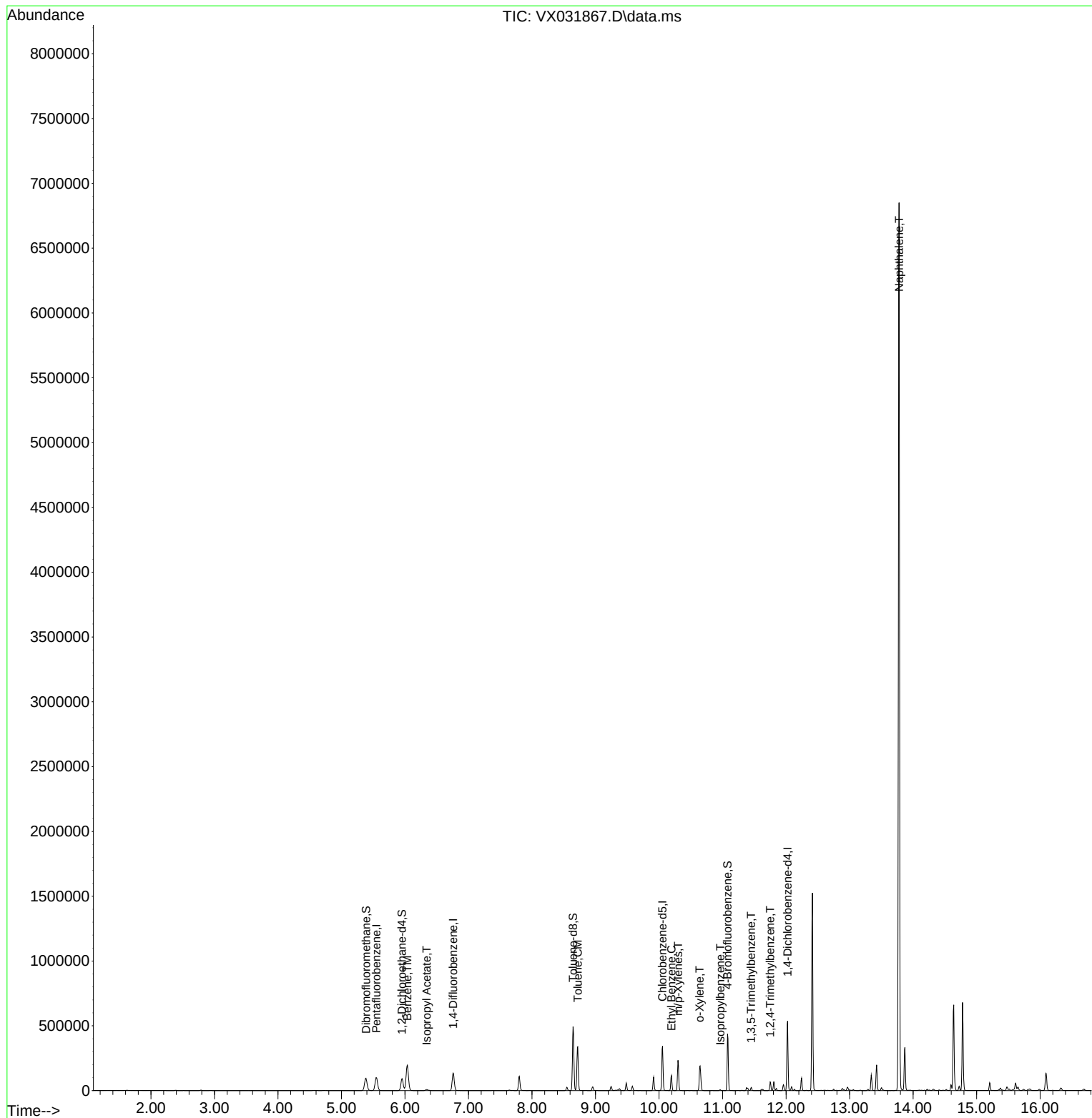
Internal Standards						
1) Pentafluorobenzene	5.550	168	103672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85719	46.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	5.385	113	82365	45.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	310657	47.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.079	95	114104	48.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	250045	38.526	ug/l	99
43) Isopropyl Acetate	6.342	43	10746	3.908	ug/l #	91
52) Toluene	8.720	92	138623	30.466	ug/l	98
67) Ethyl Benzene	10.195	91	68948	8.034	ug/l	95
68) m/p-Xylenes	10.299	106	57374	16.194	ug/l	92
69) o-Xylene	10.640	106	37984	11.128	ug/l	93
73) Isopropylbenzene	10.963	105	4228	0.487	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	11330	1.562	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	29153	4.039	ug/l	92
95) Naphthalene	13.780	128	4421909	535.897	ug/l	97

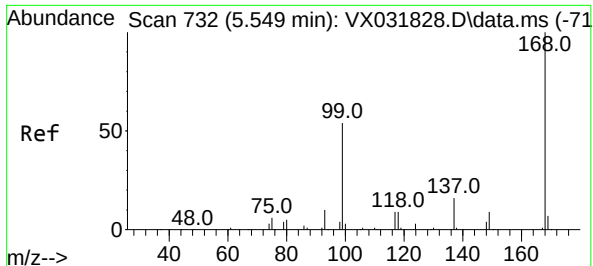
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

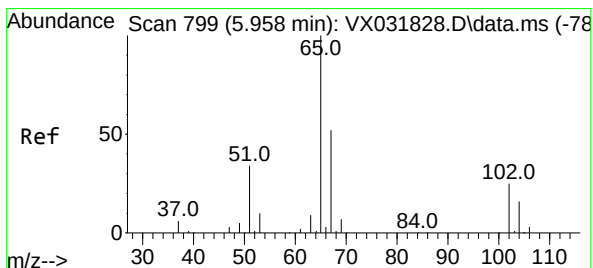
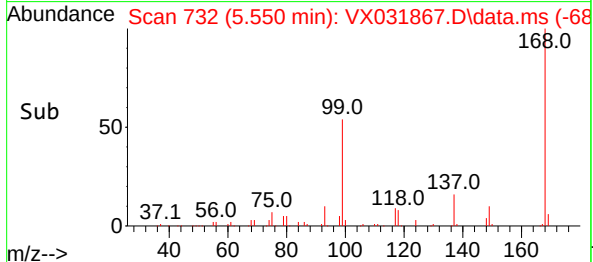
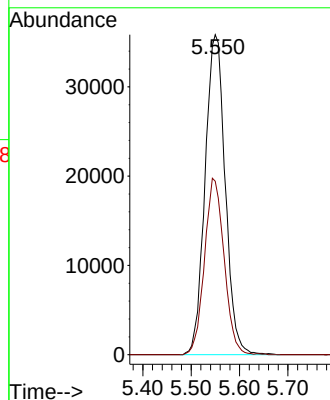
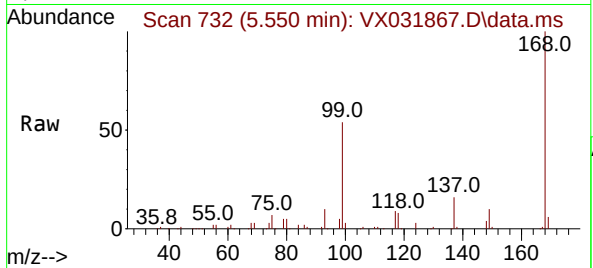




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

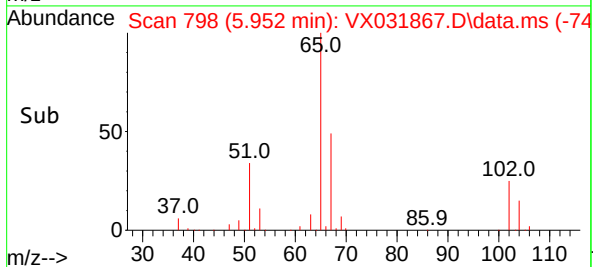
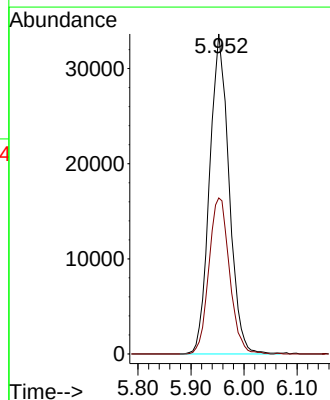
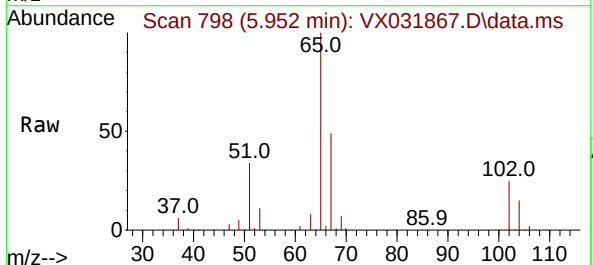
Instrument :
MSVOA_X
ClientSampleId :
S2DL

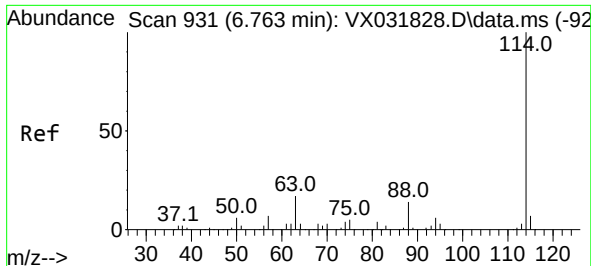
Tgt Ion:168 Resp: 103672
Ion Ratio Lower Upper
168 100
99 54.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 46.151 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion: 65 Resp: 85719
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

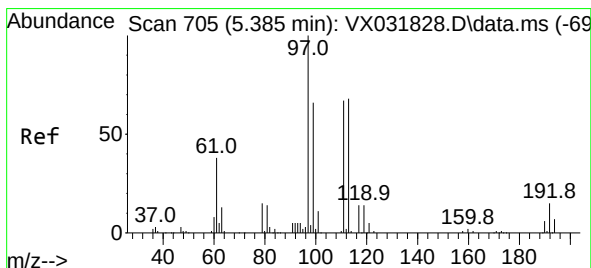
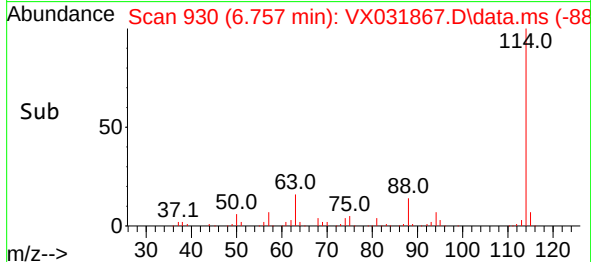
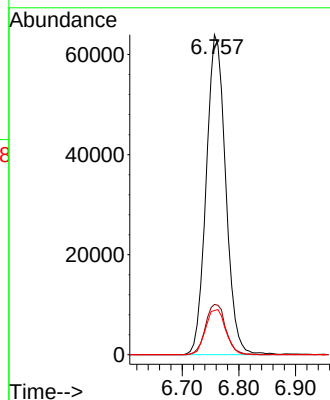
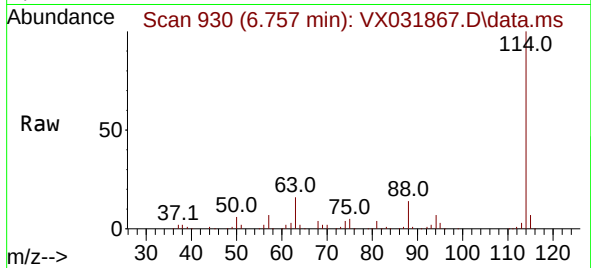




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

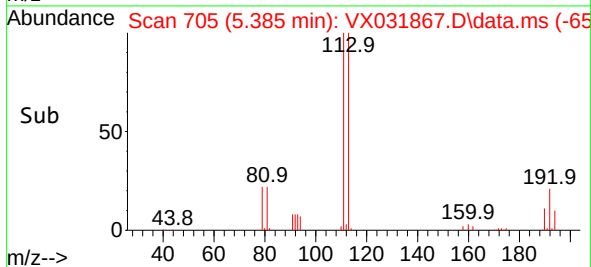
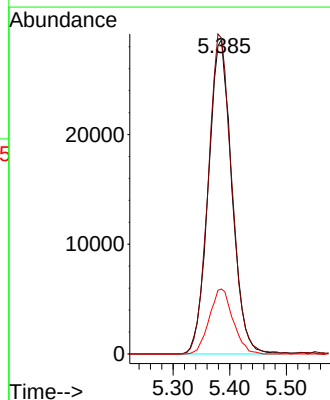
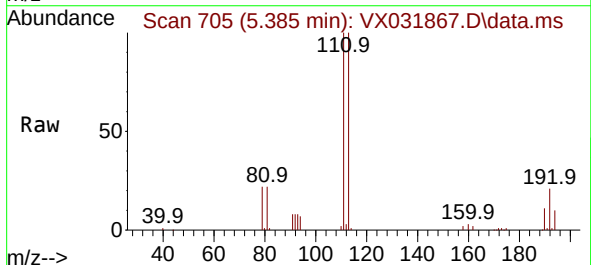
Instrument :
MSVOA_X
ClientSampleId :
S2DL

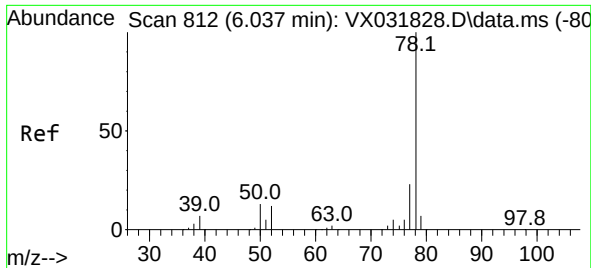
Tgt Ion:114 Resp: 152504
Ion Ratio Lower Upper
114 100
63 15.7 0.0 42.6
88 13.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.457 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion:113 Resp: 82365
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 20.8 14.1 21.1





#40

Benzene

Concen: 38.526 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX031867.D

Acq: 04 Oct 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

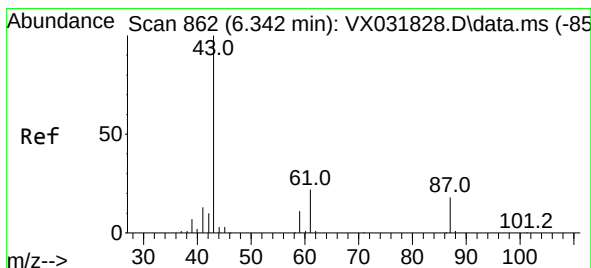
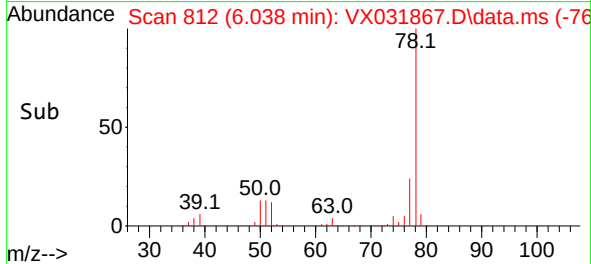
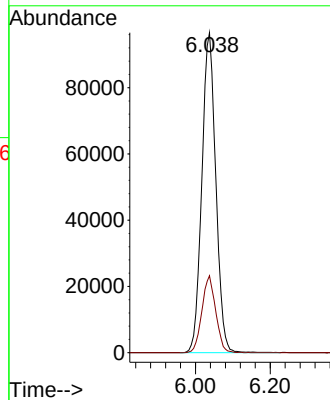
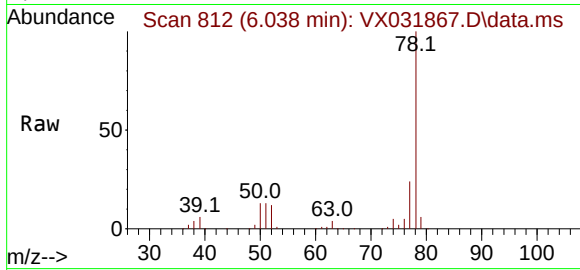
S2DL

Tgt Ion: 78 Resp: 250045

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1



#43

Isopropyl Acetate

Concen: 3.908 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031867.D

Acq: 04 Oct 2022 14:24

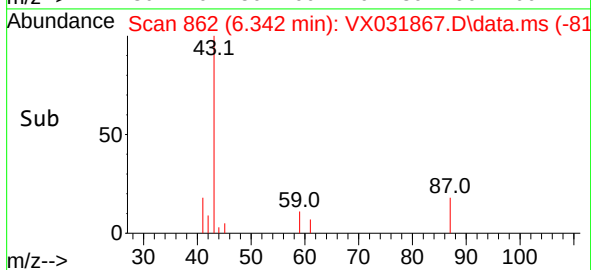
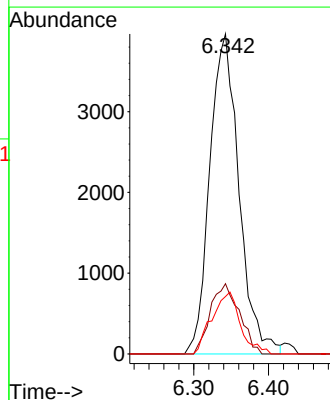
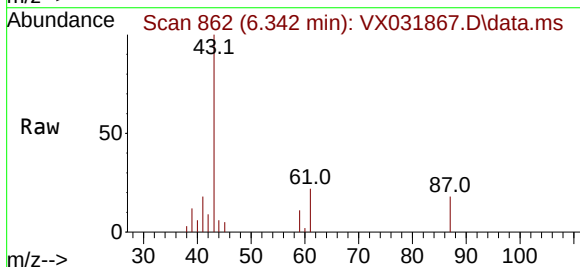
Tgt Ion: 43 Resp: 10746

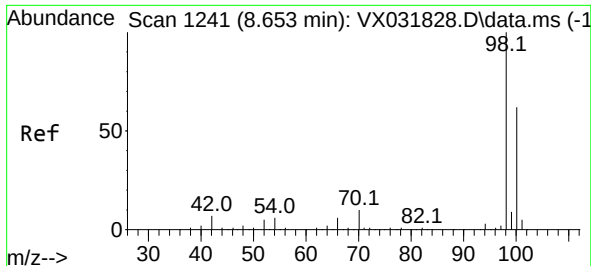
Ion Ratio Lower Upper

43 100

61 21.8 15.3 22.9

87 18.9 10.6 15.8#

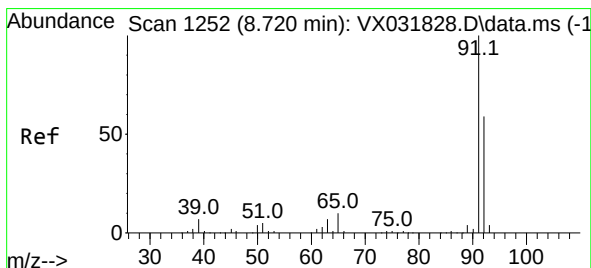
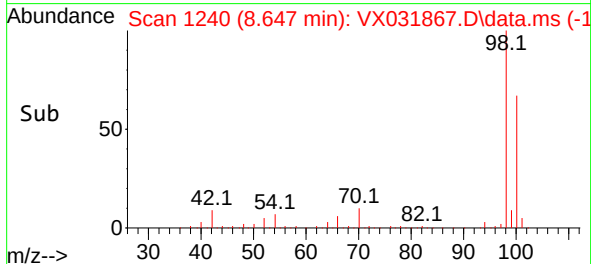
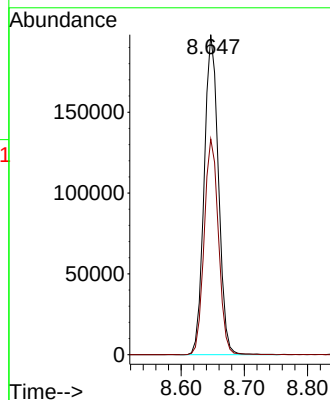
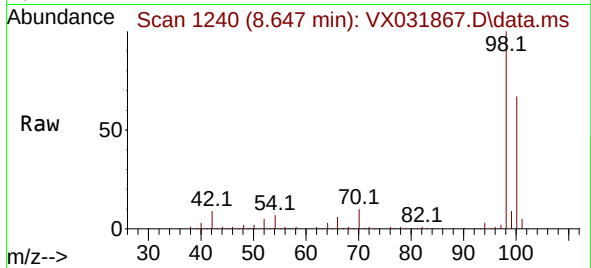




#50
Toluene-d8
Concen: 47.927 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

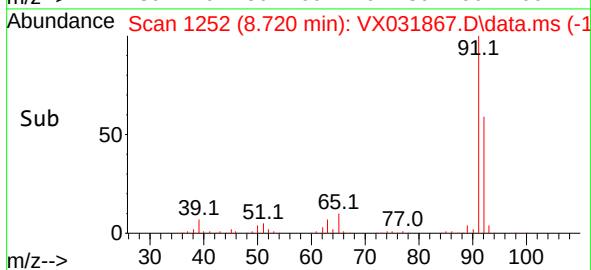
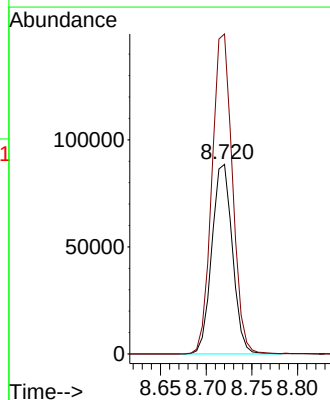
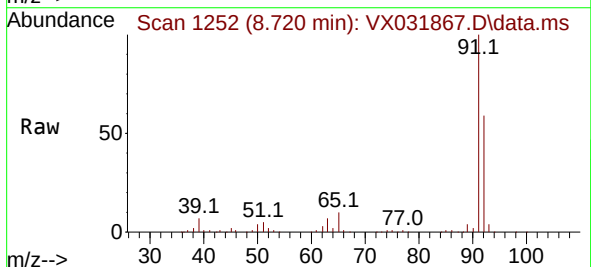
Instrument :
MSVOA_X
ClientSampleId :
S2DL

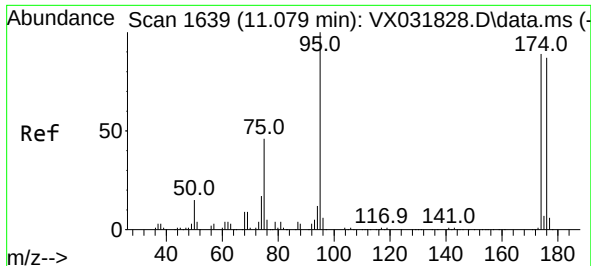
Tgt Ion: 98 Resp: 310657
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7



#52
Toluene
Concen: 30.466 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion: 92 Resp: 138623
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 48.885 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031867.D

Acq: 04 Oct 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

S2DL

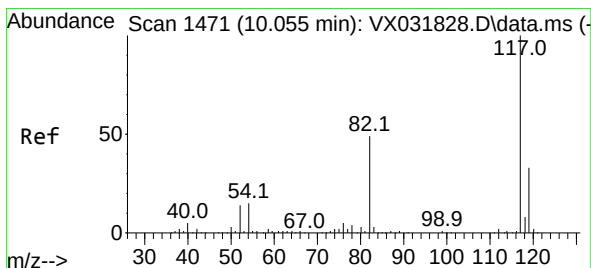
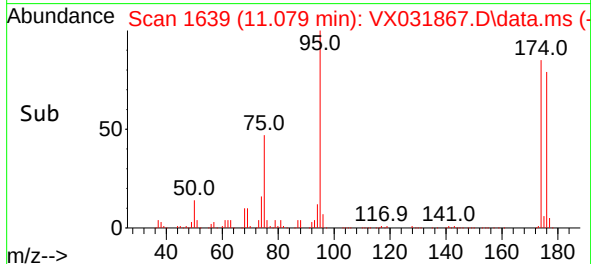
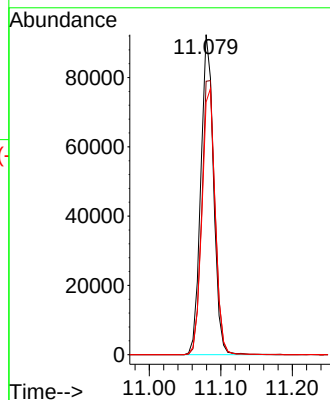
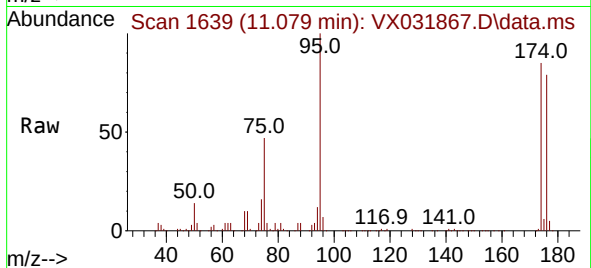
Tgt Ion: 95 Resp: 114104

Ion Ratio Lower Upper

95 100

174 89.5 0.0 153.2

176 86.7 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031867.D

Acq: 04 Oct 2022 14:24

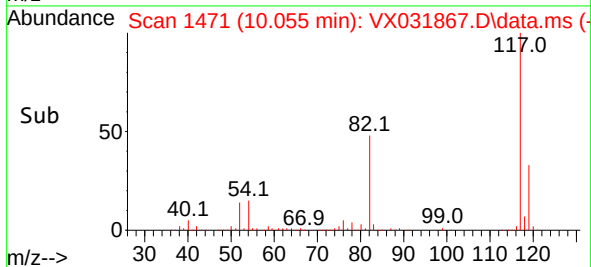
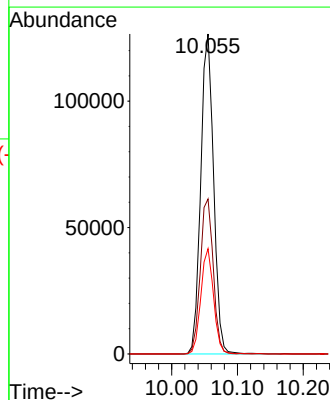
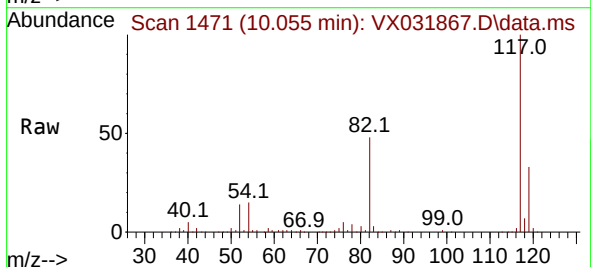
Tgt Ion: 117 Resp: 171938

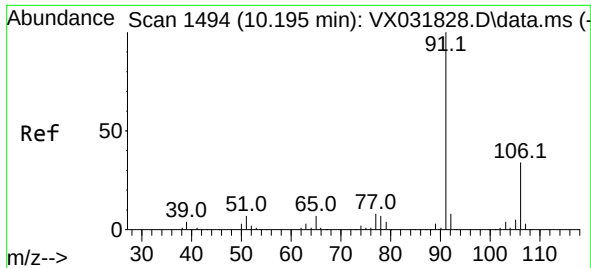
Ion Ratio Lower Upper

117 100

82 48.5 46.8 70.2

119 32.9 26.4 39.6

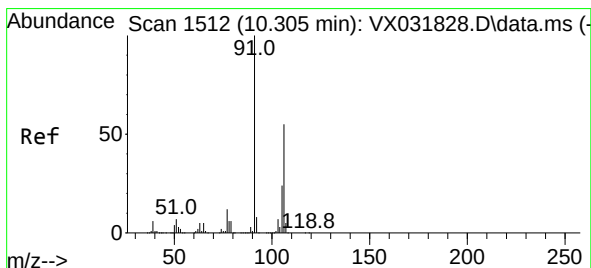
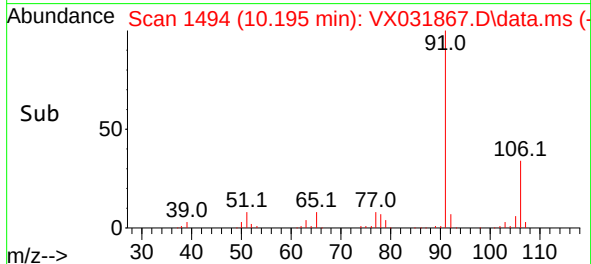
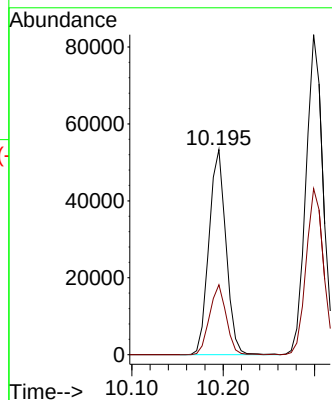
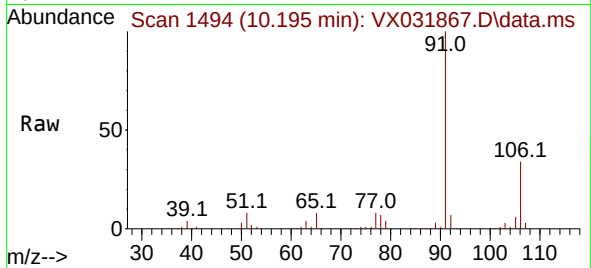




#67
Ethyl Benzene
Concen: 8.034 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

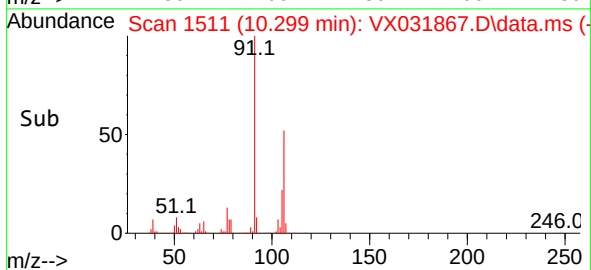
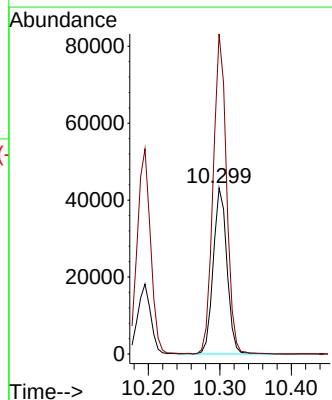
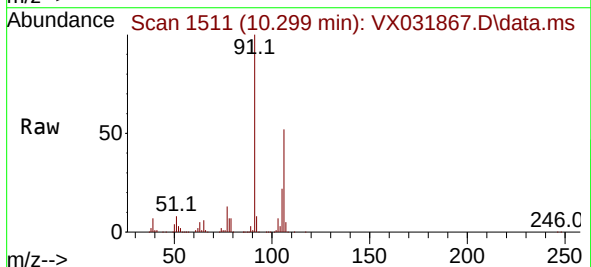
Instrument :
MSVOA_X
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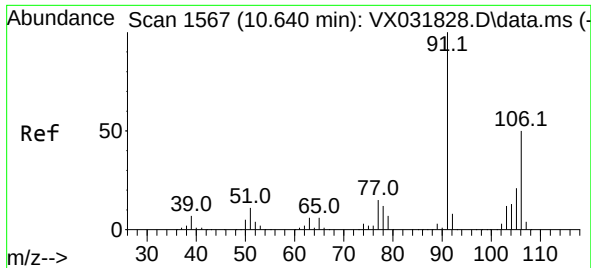
Tgt Ion: 91 Resp: 68948
Ion Ratio Lower Upper
91 100
106 34.1 25.2 37.8



#68
m/p-Xylenes
Concen: 16.194 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion: 106 Resp: 57374
Ion Ratio Lower Upper
106 100
91 188.5 161.0 241.4

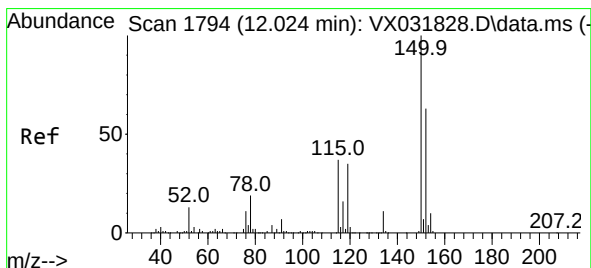
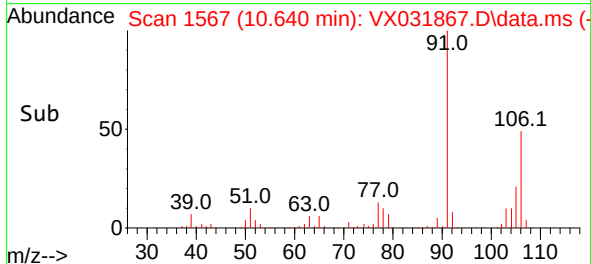
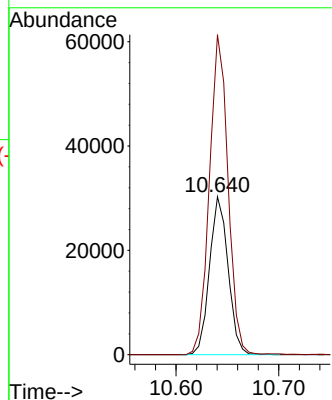
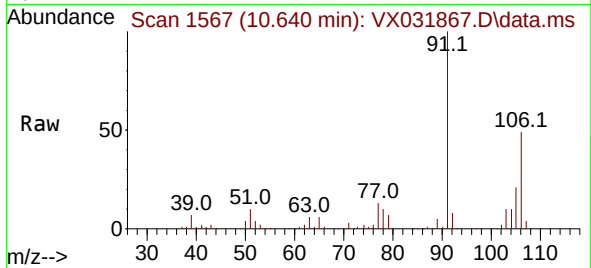




#69
o-Xylene
Concen: 11.128 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

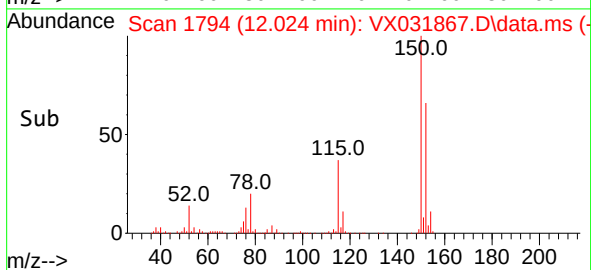
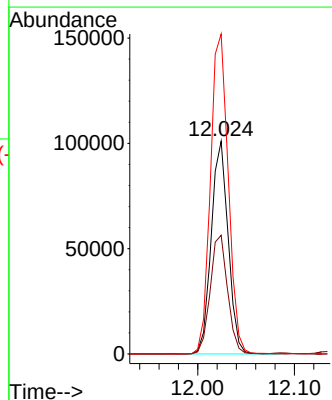
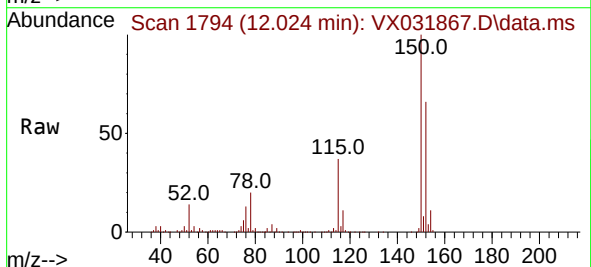
Instrument :
MSVOA_X
ClientSampleId :
S2DL

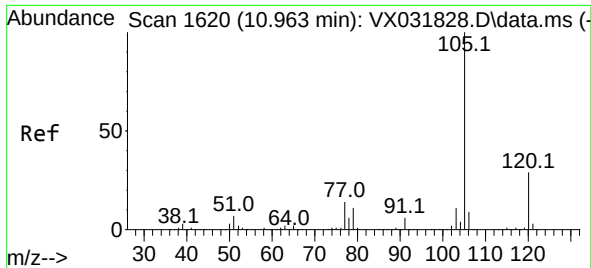
Tgt Ion:106 Resp: 37984
Ion Ratio Lower Upper
106 100
91 202.6 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion:152 Resp: 122944
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 158.1 0.0 346.8

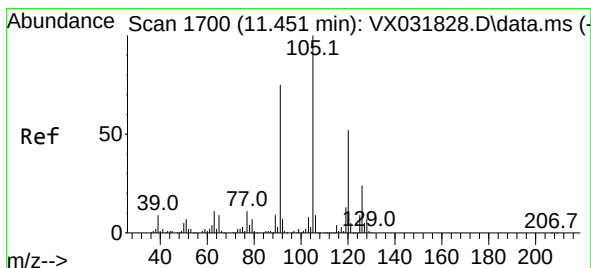
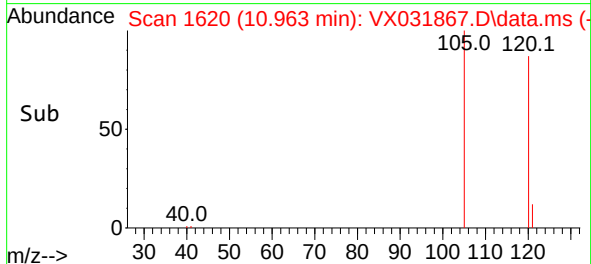
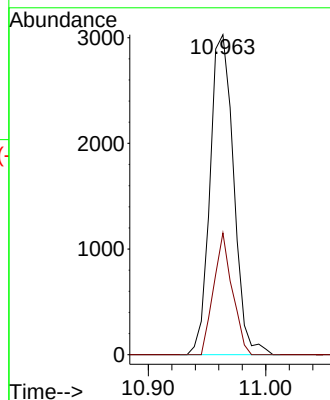
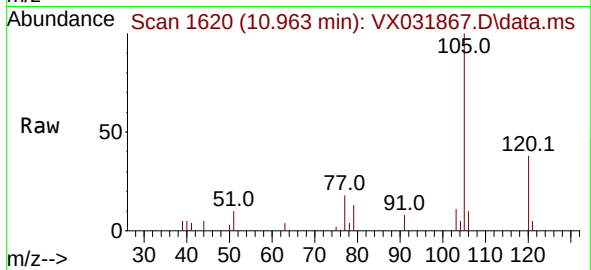




#73
Isopropylbenzene
Concen: 0.487 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

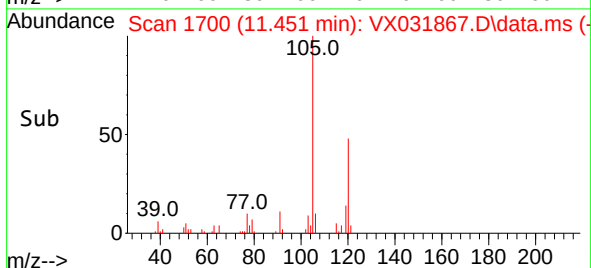
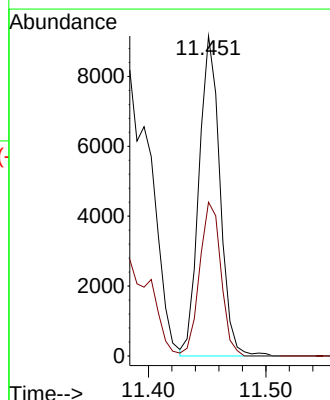
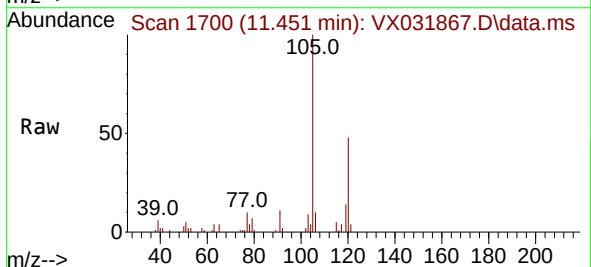
Instrument :
MSVOA_X
ClientSampleId :
S2DL

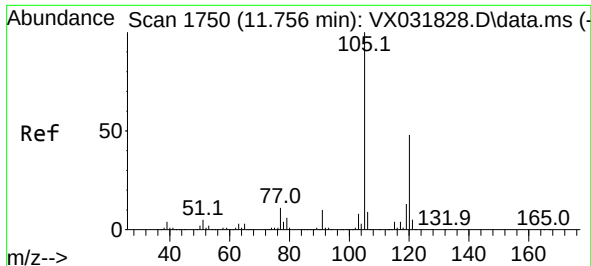
Tgt Ion:105 Resp: 4228
Ion Ratio Lower Upper
105 100
120 29.9 13.7 41.0



#80
1,3,5-Trimethylbenzene
Concen: 1.562 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion:105 Resp: 11330
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

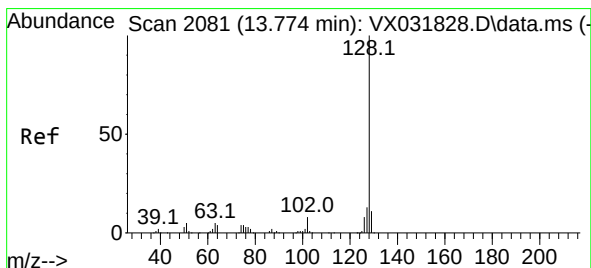
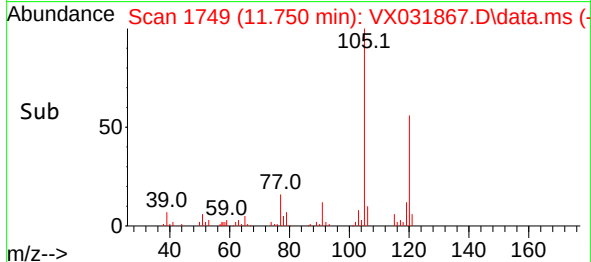
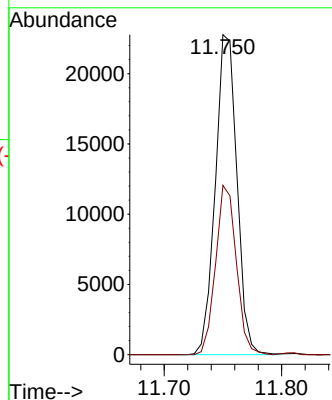
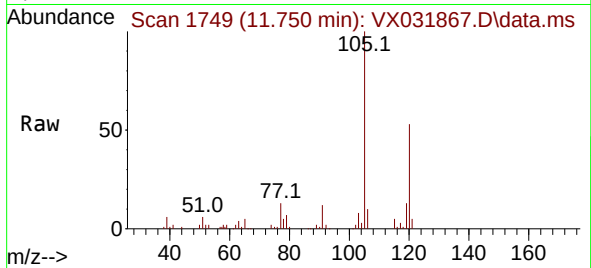




#84
1,2,4-Trimethylbenzene
Concen: 4.039 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Instrument :
MSVOA_X
ClientSampleId :
S2DL

Tgt Ion:105 Resp: 29153
Ion Ratio Lower Upper
105 100
120 50.7 22.6 67.8



#95
Naphthalene
Concen: 535.897 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031867.D
Acq: 04 Oct 2022 14:24

Tgt Ion:128 Resp: 4421909
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 12.0 8.8 13.2

