

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031858.D
 Acq On : 04 Oct 2022 00:49
 Operator : JC/MD
 Sample : N4887-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220928033-02-VOA

Quant Time: Oct 04 08:05:35 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)

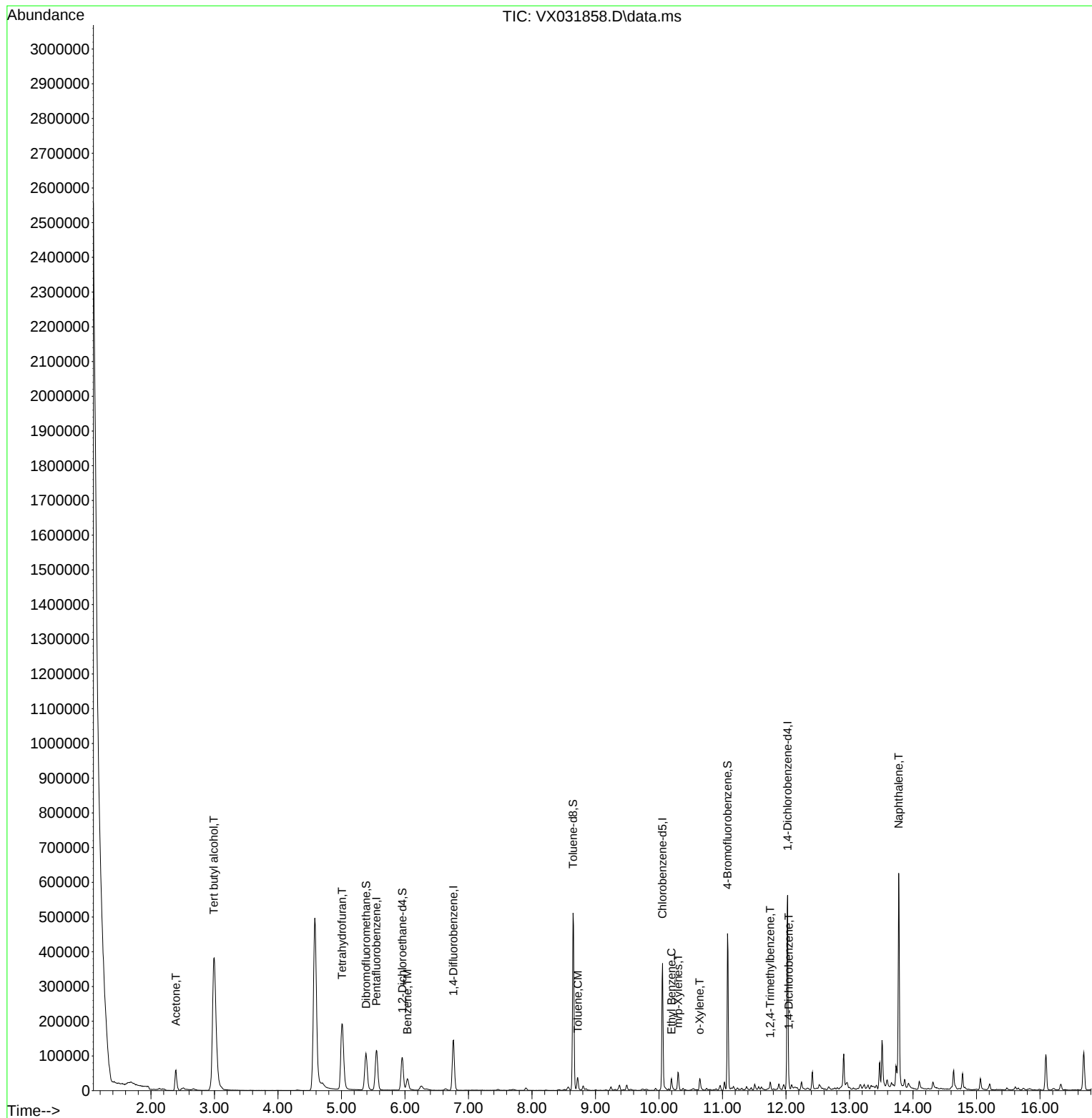
Internal Standards						
1) Pentafluorobenzene	5.550	168	124344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	169151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177798	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86494	38.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.660%
35) Dibromofluoromethane	5.385	113	89751	44.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	8.647	98	319048	44.378	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.760%
62) 4-Bromofluorobenzene	11.079	95	112835	43.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.160%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	857675	2765.396	ug/l	100
16) Acetone	2.392	43	66366	119.386	ug/l	# 86
29) Tetrahydrofuran	5.007	42	168467	266.923	ug/l	# 77
40) Benzene	6.038	78	42353	5.883	ug/l	93
52) Toluene	8.720	92	13497	2.674	ug/l	94
67) Ethyl Benzene	10.195	91	19144	2.157	ug/l	93
68) m/p-Xylenes	10.299	106	12567	3.430	ug/l	91
69) o-Xylene	10.640	106	7774	2.203	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	9380	1.244	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	7660	1.624	ug/l	82
95) Naphthalene	13.774	128	449134	52.086	ug/l	100

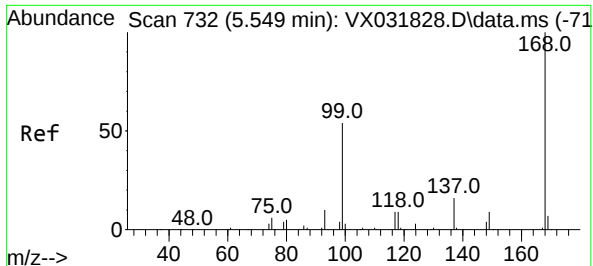
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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220928033-02-VOA

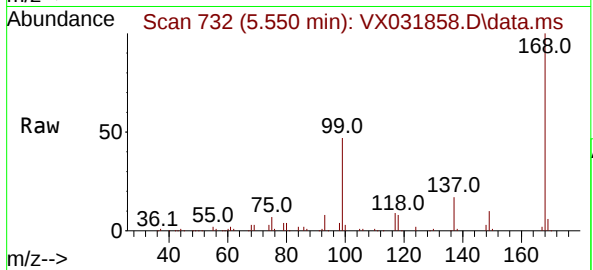
Quant Time: Oct 04 08:05:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
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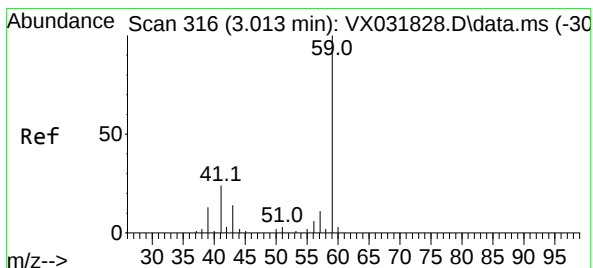
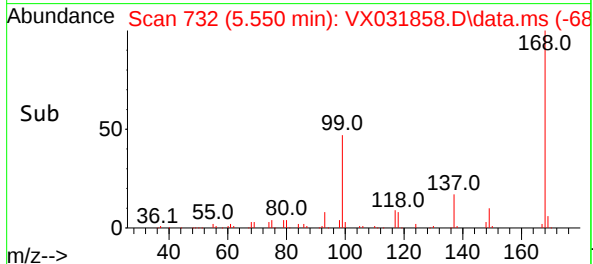
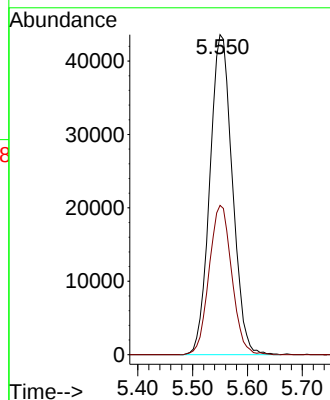


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

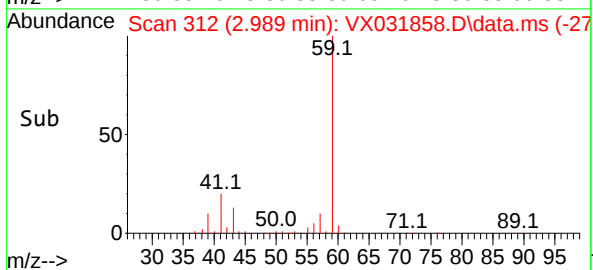
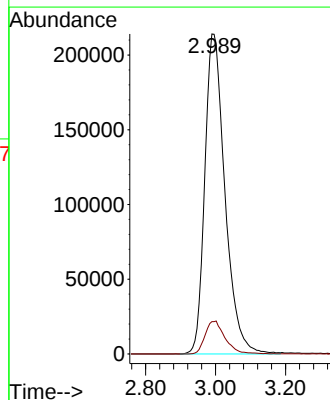
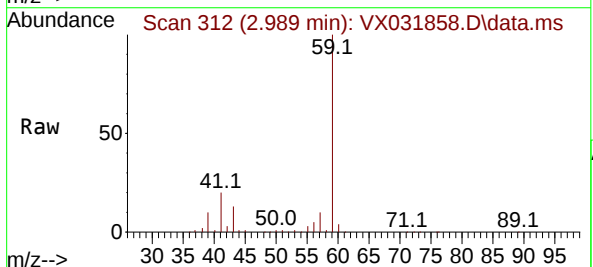


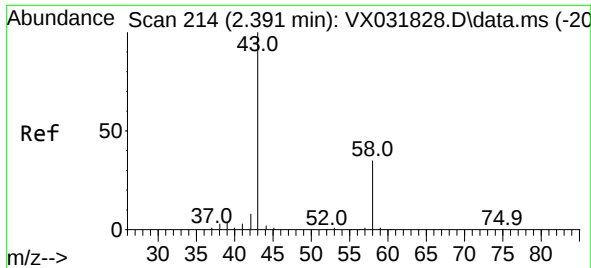
Tgt Ion:168 Resp: 124344
Ion Ratio Lower Upper
168 100
99 46.7 48.8 73.2#



#11
Tert butyl alcohol
Concen: 2765.396 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.092 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion: 59 Resp: 857675
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

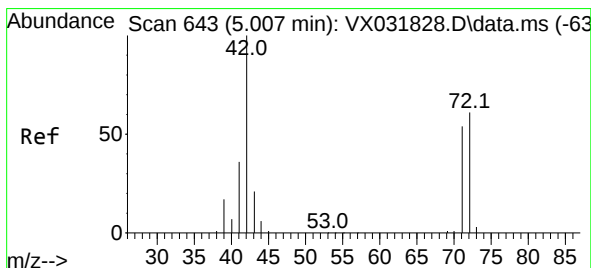
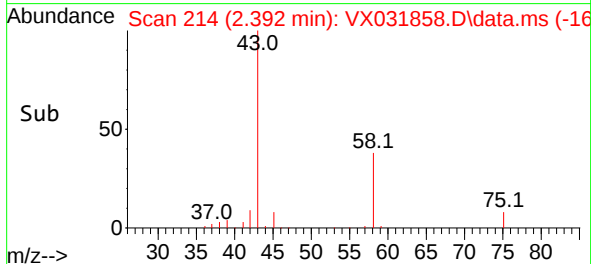
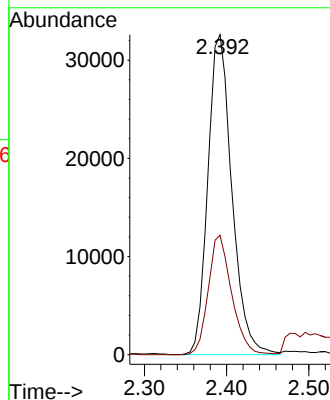
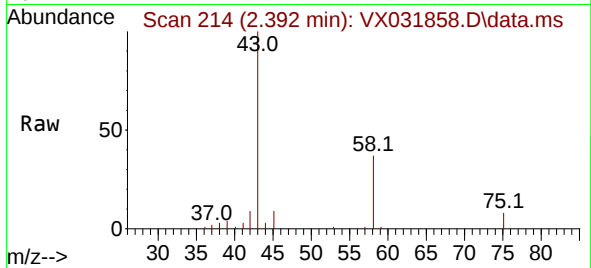




#16
Acetone
Concen: 119.386 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

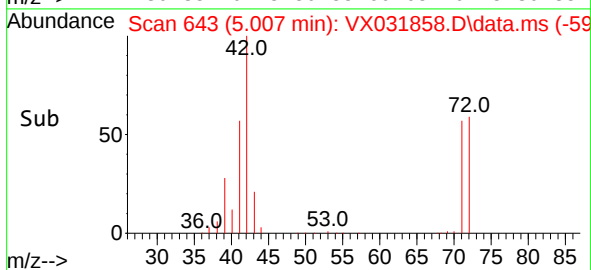
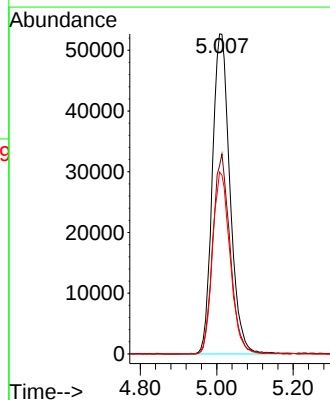
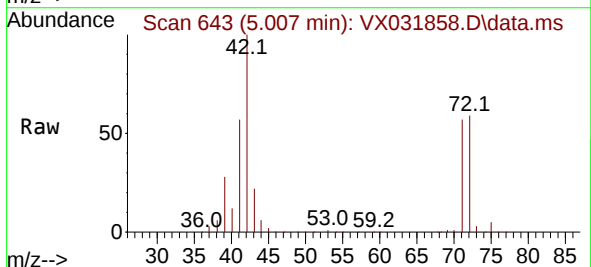
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

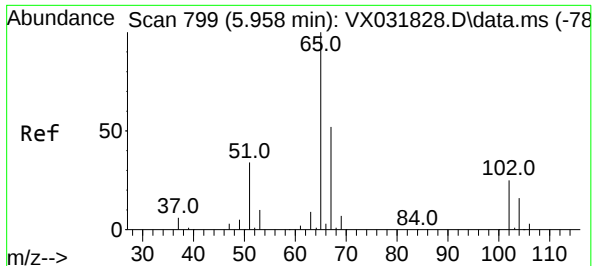
Tgt Ion: 43 Resp: 66366
Ion Ratio Lower Upper
43 100
58 37.3 23.8 35.8#



#29
Tetrahydrofuran
Concen: 266.923 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion: 42 Resp: 168467
Ion Ratio Lower Upper
42 100
72 60.9 36.4 54.6#
71 56.6 33.5 50.3#





#33

1,2-Dichloroethane-d4

Concen: 38.827 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031858.D

Acq: 04 Oct 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

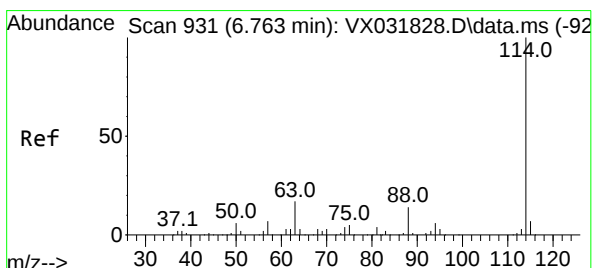
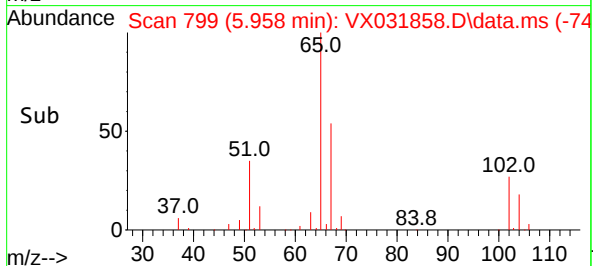
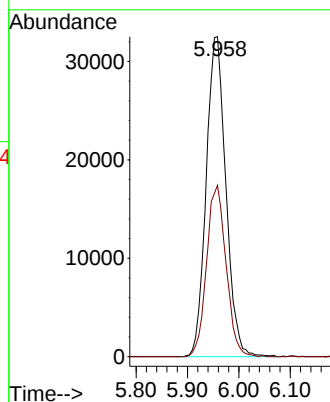
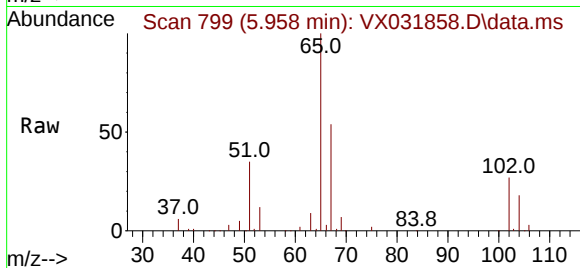
220928033-02-VOA

Tgt Ion: 65 Resp: 86494

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031858.D

Acq: 04 Oct 2022 00:49

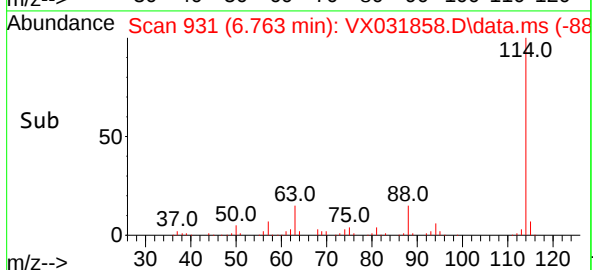
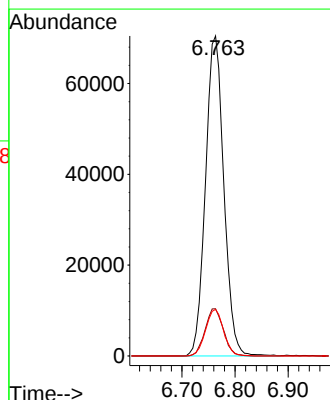
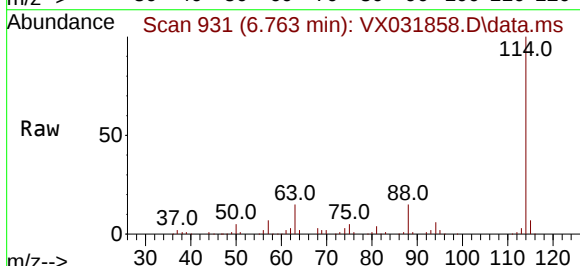
Tgt Ion: 114 Resp: 169151

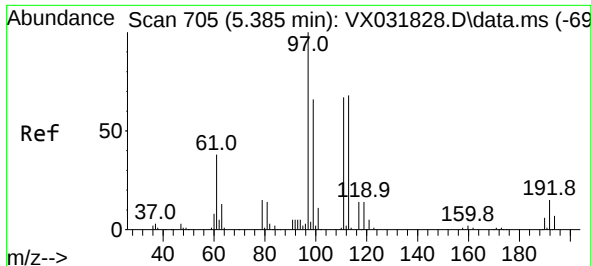
Ion Ratio Lower Upper

114 100

63 14.8 0.0 42.6

88 14.6 0.0 33.0

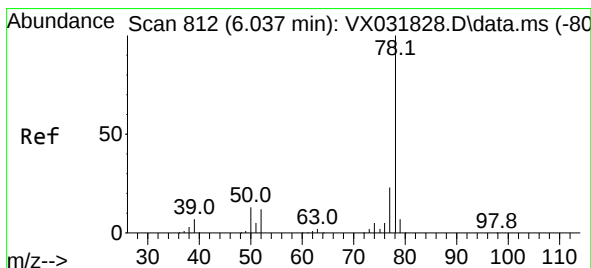
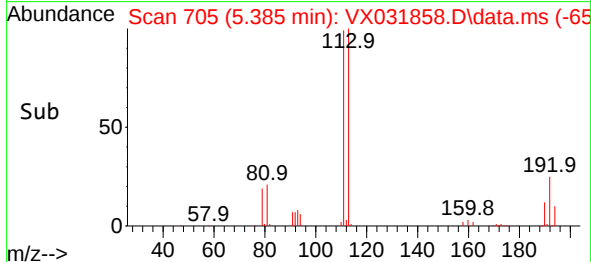
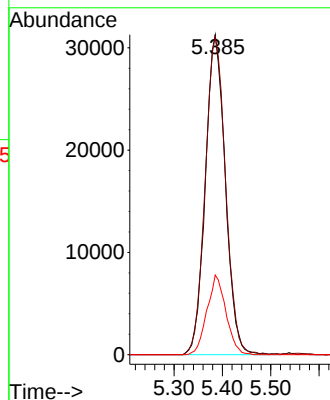
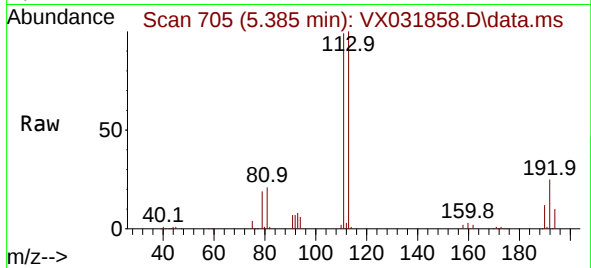




#35
Dibromofluoromethane
Concen: 44.659 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

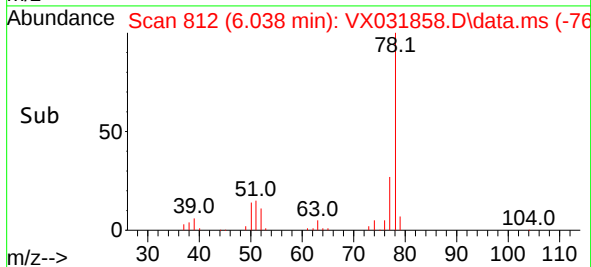
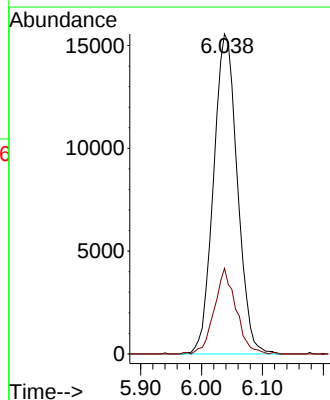
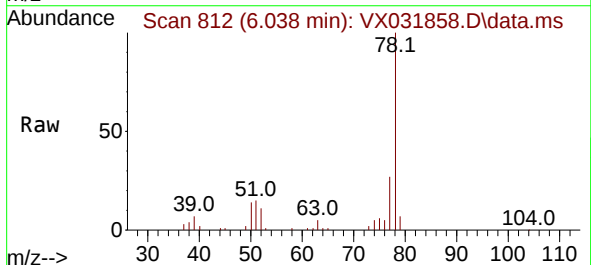
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

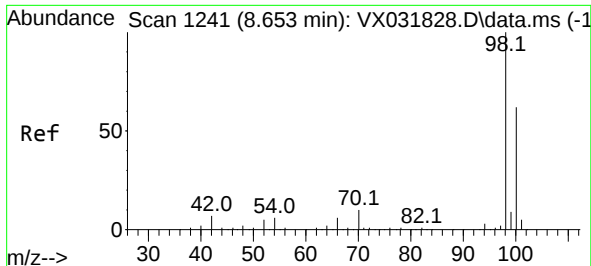
Tgt Ion:113 Resp: 89751
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 23.6 14.1 21.1#



#40
Benzene
Concen: 5.883 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion: 78 Resp: 42353
Ion Ratio Lower Upper
78 100
77 26.8 18.7 28.1





#50

Toluene-d8

Concen: 44.378 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031858.D

Acq: 04 Oct 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

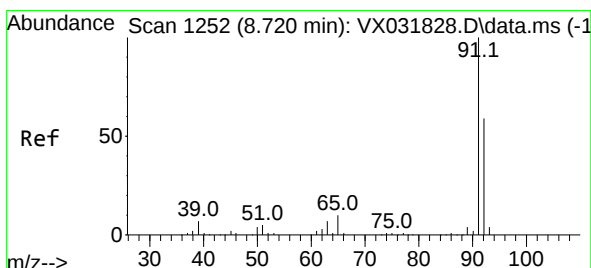
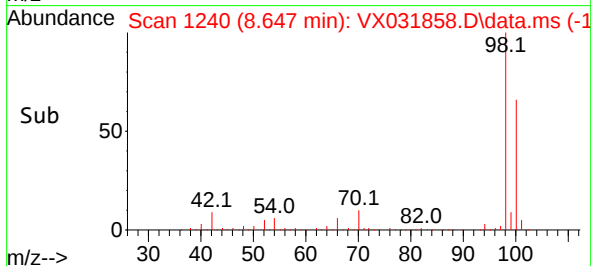
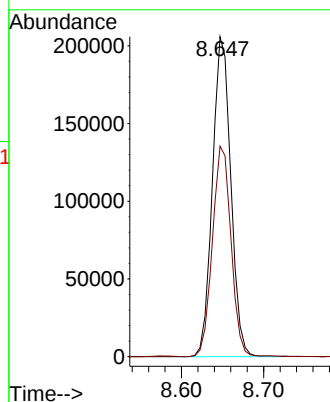
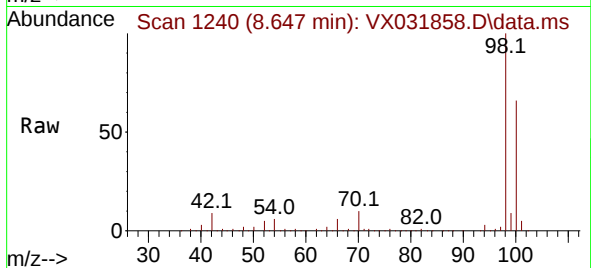
220928033-02-VOA

Tgt Ion: 98 Resp: 319048

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#52

Toluene

Concen: 2.674 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031858.D

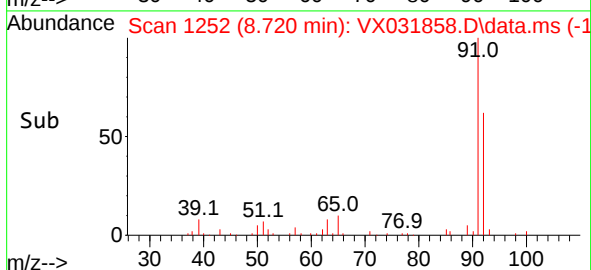
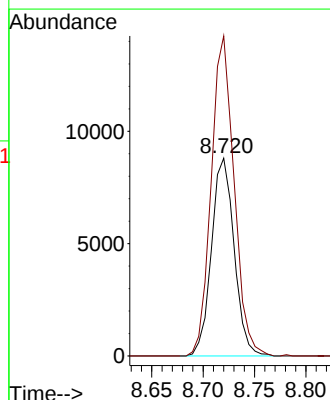
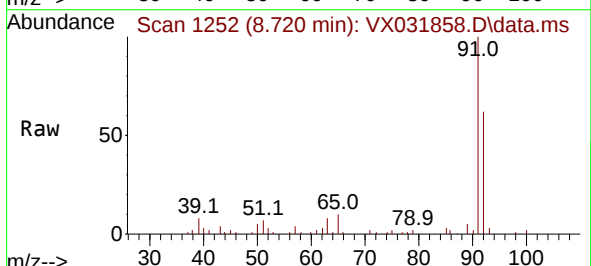
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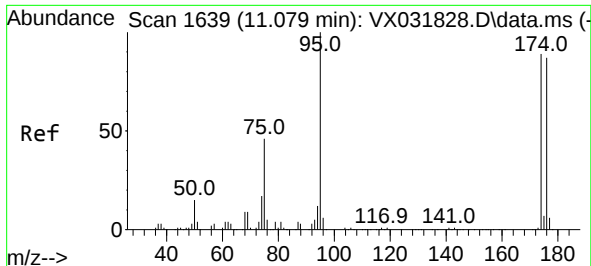
Tgt Ion: 92 Resp: 13497

Ion Ratio Lower Upper

92 100

91 163.2 137.1 205.7

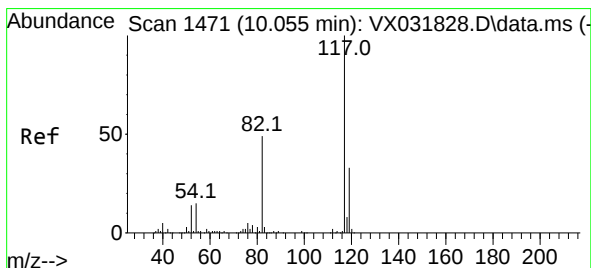
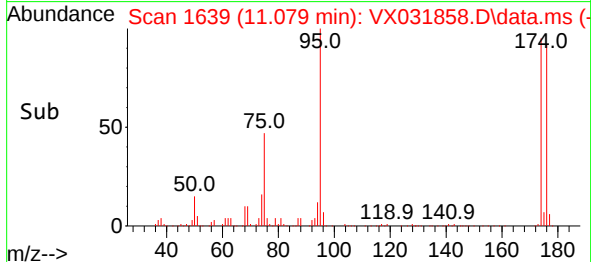
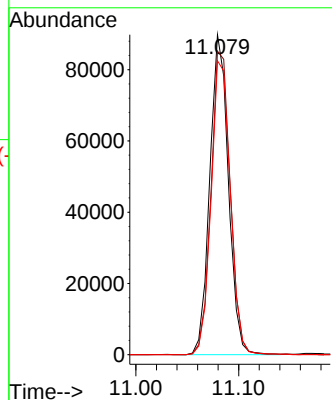
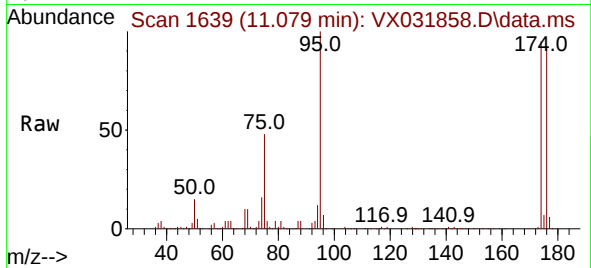




#62
4-Bromofluorobenzene
Concen: 43.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

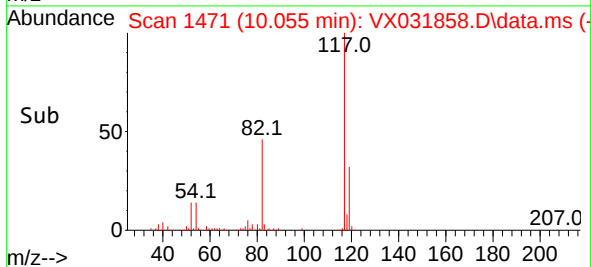
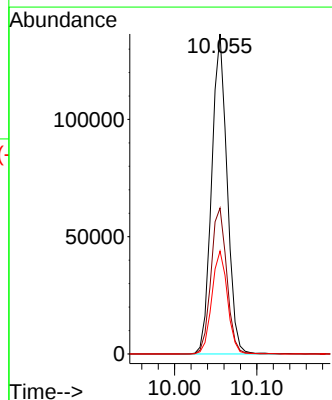
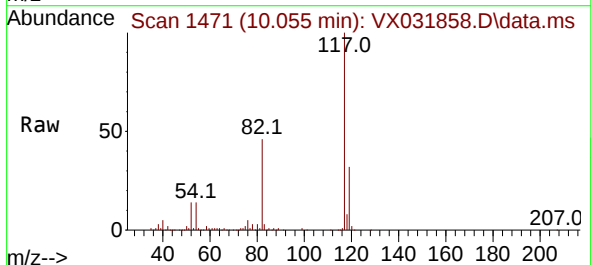
Instrument :
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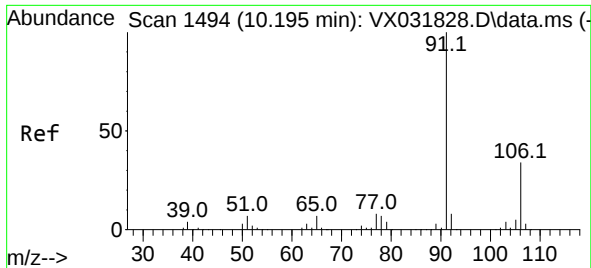
Tgt Ion: 95 Resp: 112835
Ion Ratio Lower Upper
95 100
174 98.3 0.0 153.2
176 94.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion: 117 Resp: 177798
Ion Ratio Lower Upper
117 100
82 45.6 46.8 70.2#
119 32.1 26.4 39.6

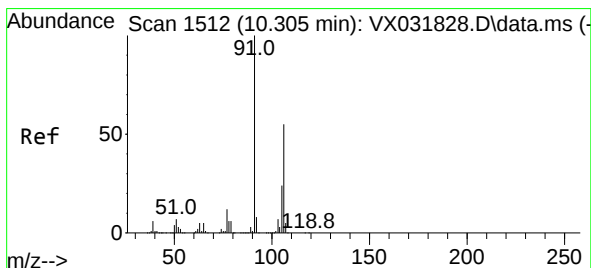
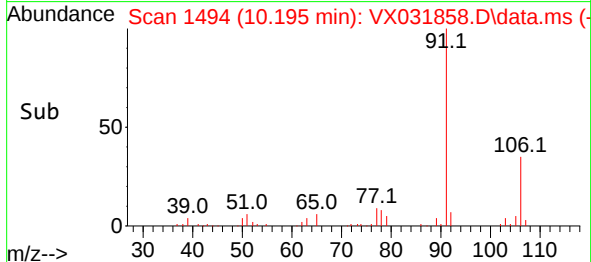
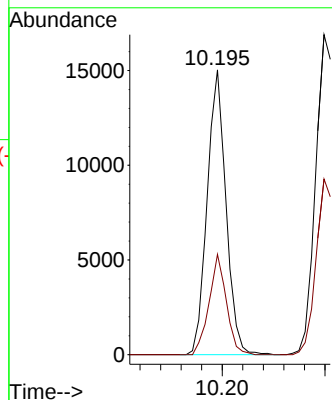
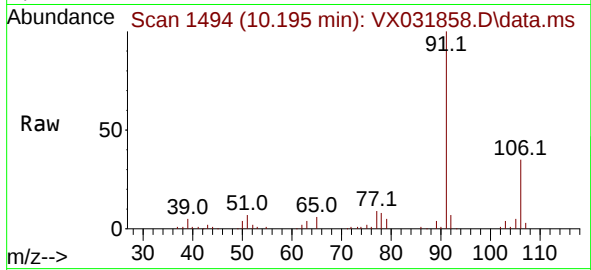




#67
Ethyl Benzene
Concen: 2.157 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

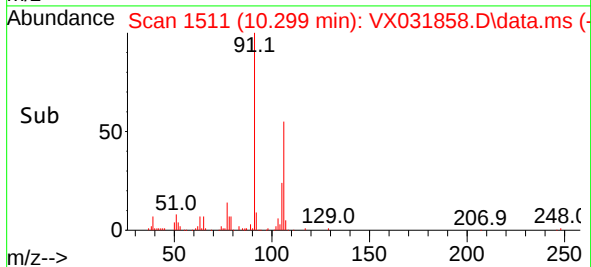
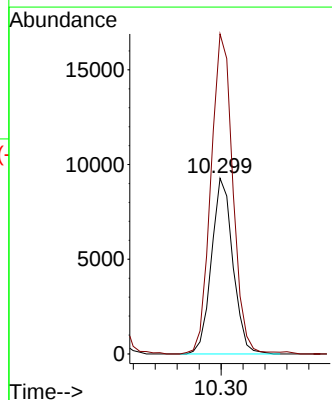
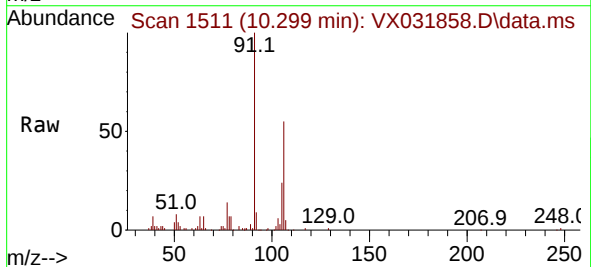
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

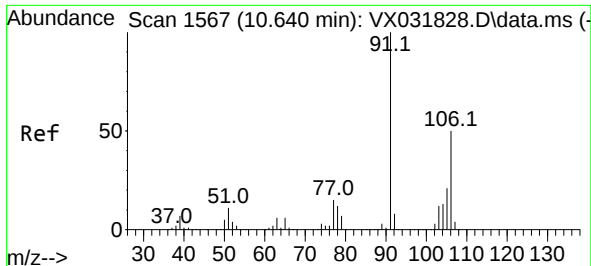
Tgt Ion: 91 Resp: 19144
Ion Ratio Lower Upper
91 100
106 35.2 25.2 37.8



#68
m/p-Xylenes
Concen: 3.430 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion: 106 Resp: 12567
Ion Ratio Lower Upper
106 100
91 187.3 161.0 241.4

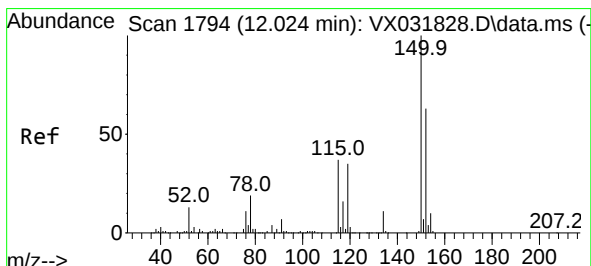
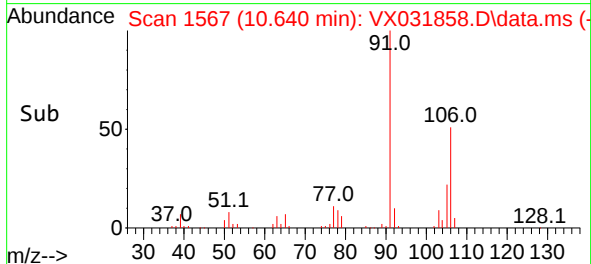
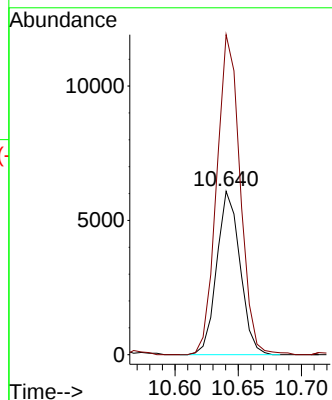
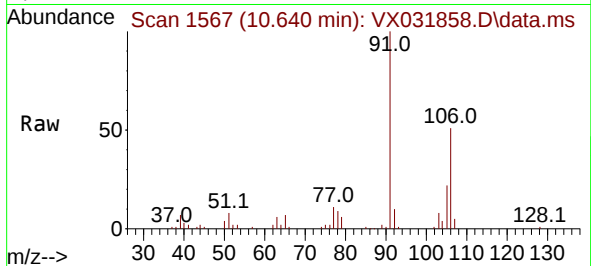




#69
o-Xylene
Concen: 2.203 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

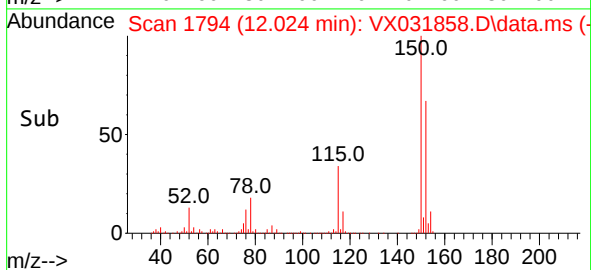
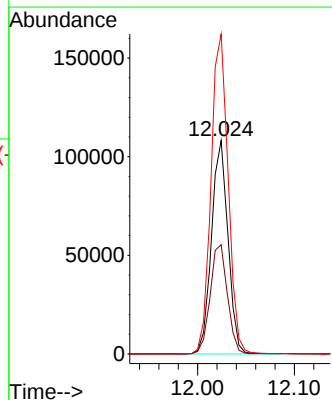
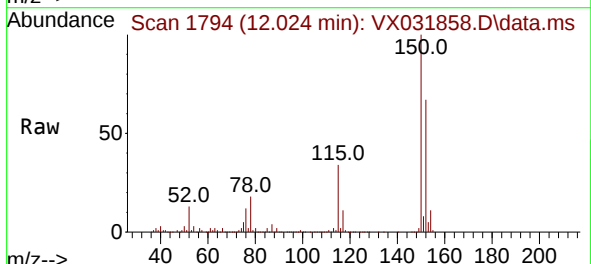
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

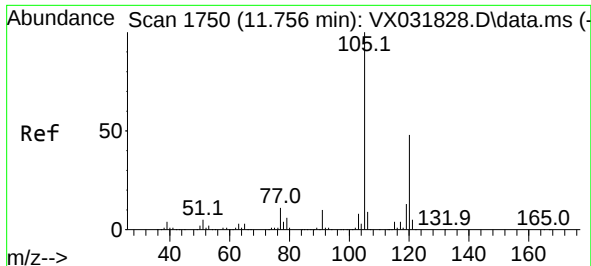
Tgt Ion:106 Resp: 7774
Ion Ratio Lower Upper
106 100
91 197.5 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion:152 Resp: 128479
Ion Ratio Lower Upper
152 100
115 53.4 43.4 130.1
150 155.4 0.0 346.8

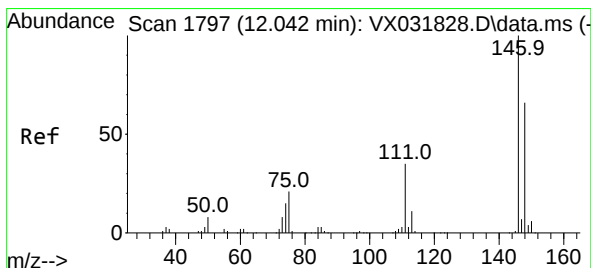
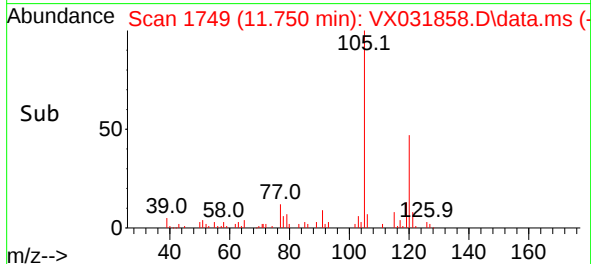
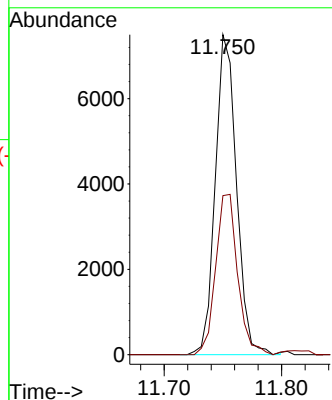
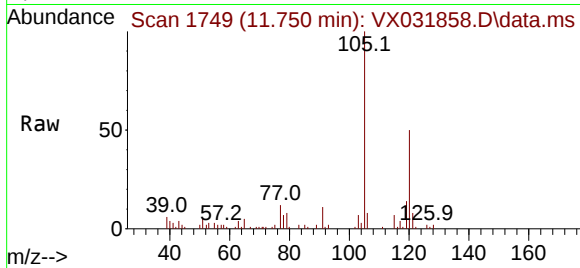




#84
1,2,4-Trimethylbenzene
Concen: 1.244 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

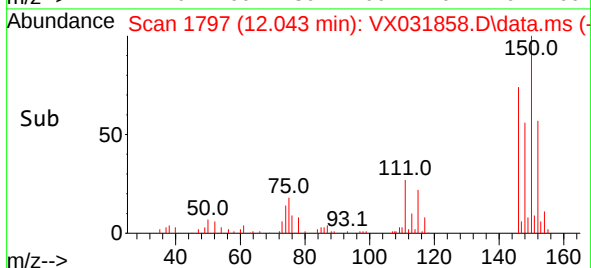
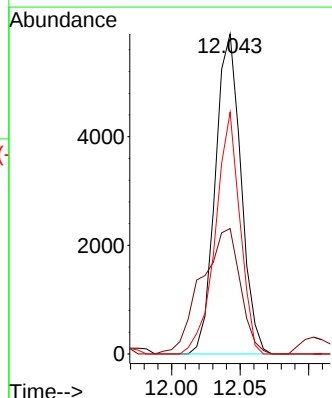
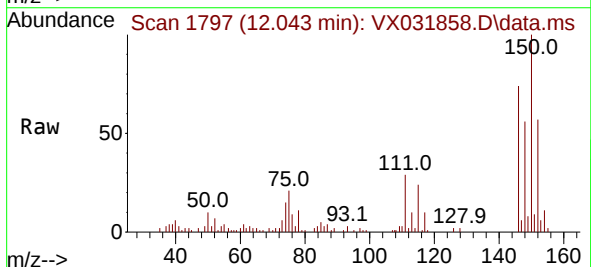
Instrument :
MSVOA_X
ClientSampleId :
220928033-02-VOA

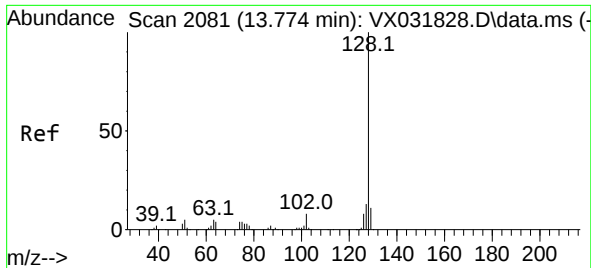
Tgt Ion:105 Resp: 9380
Ion Ratio Lower Upper
105 100
120 52.2 22.6 67.8



#88
1,4-Dichlorobenzene
Concen: 1.624 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX031858.D
Acq: 04 Oct 2022 00:49

Tgt Ion:146 Resp: 7660
Ion Ratio Lower Upper
146 100
111 59.5 20.5 61.5
148 72.1 32.0 96.2





#95

Naphthalene

Concen: 52.086 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX031858.D

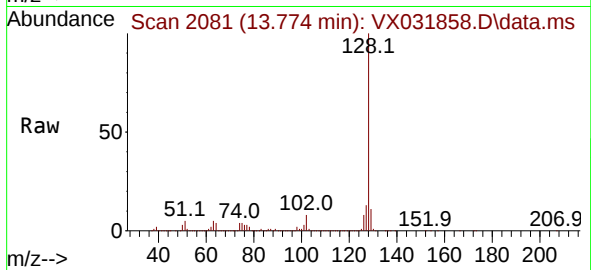
Acq: 04 Oct 2022 00:49

Instrument :

MSVOA_X

ClientSampleId :

220928033-02-VOA



Tgt Ion:128 Resp: 449134

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.8 13.2

