

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033859.D
 Acq On : 23 Jan 2023 19:02
 Operator : JC/MD
 Sample : 01258-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-VOA-2

Quant Time: Jan 24 05:14:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

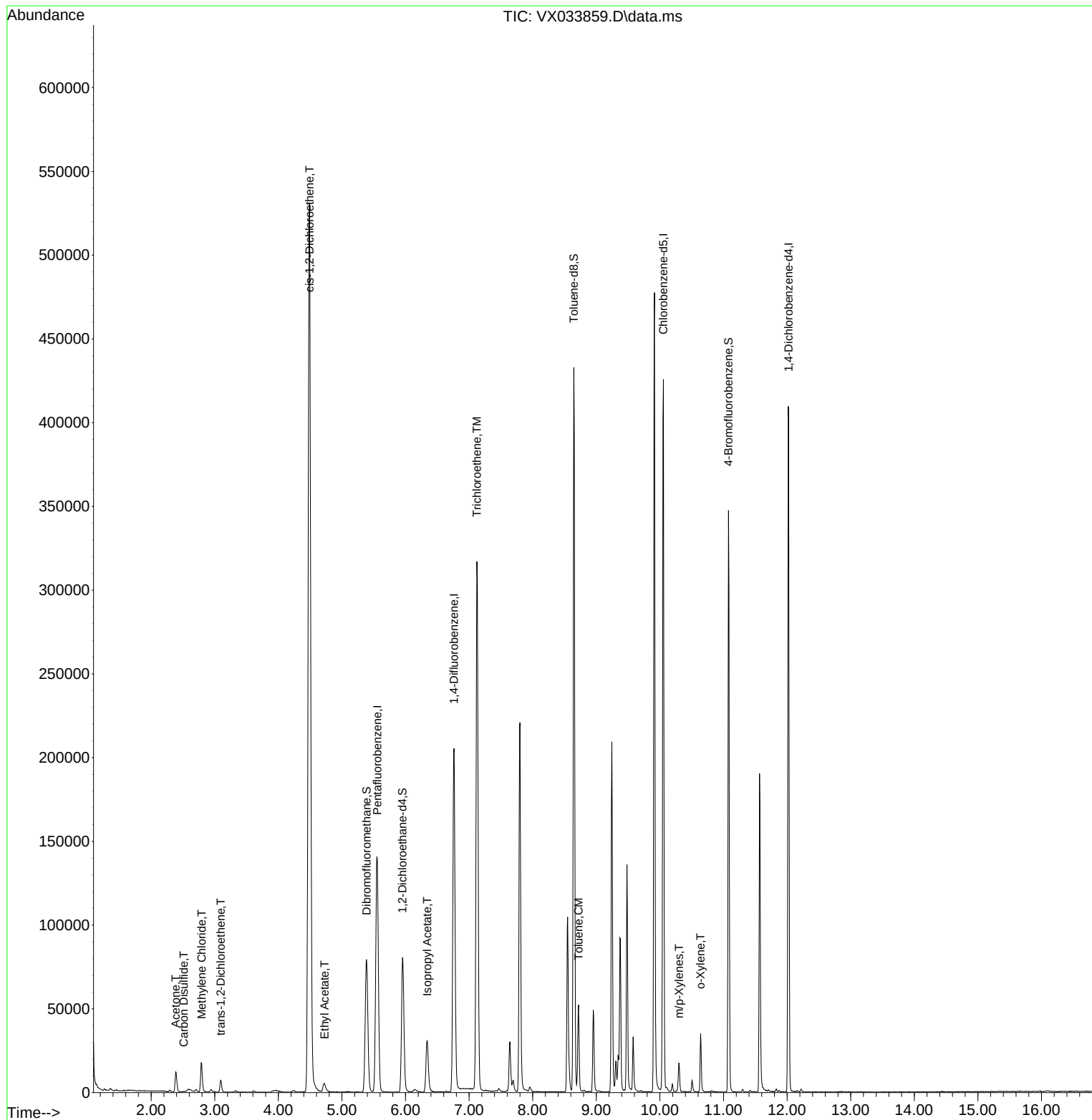
Internal Standards						
1) Pentafluorobenzene	5.556	168	155848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76178	46.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	70899	50.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	8.647	98	261150	50.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	90170	47.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	15258	13.886	ug/l	93
17) Carbon Disulfide	2.514	76	417	1.947	ug/l #	76
20) Methylene Chloride	2.794	84	9051	4.041	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	3133	2.113	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	363118	213.055	ug/l	88
37) Ethyl Acetate	4.727	43	9964	2.328	ug/l #	80
43) Isopropyl Acetate	6.342	43	44038	13.497	ug/l	99
44) Trichloroethene	7.123	130	136103	80.796	ug/l	100
52) Toluene	8.720	92	19812	5.093	ug/l	97
68) m/p-Xylenes	10.299	106	4231	1.499	ug/l	98
69) o-Xylene	10.640	106	3896	1.392	ug/l	91

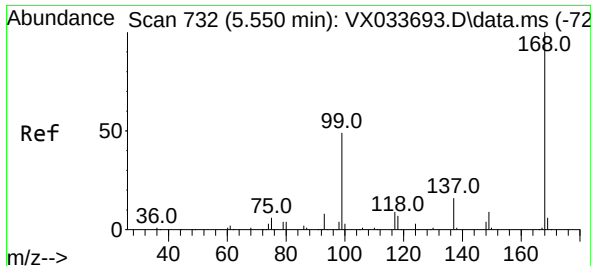
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 24 05:14:48 2023
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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

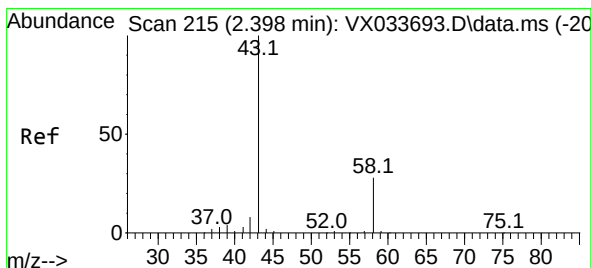
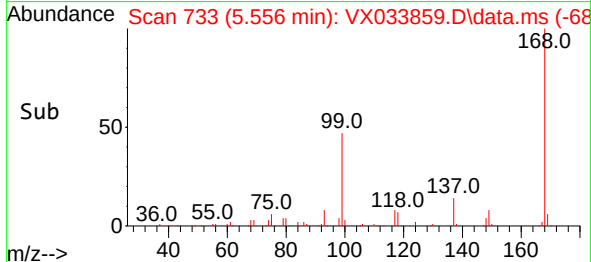
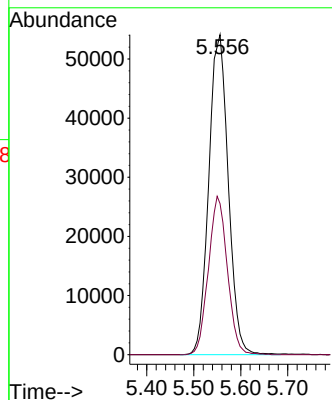
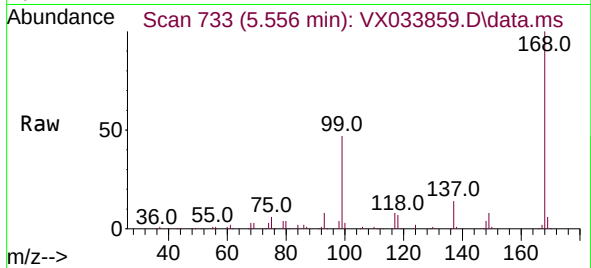




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

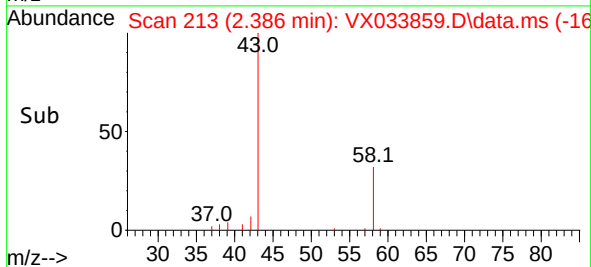
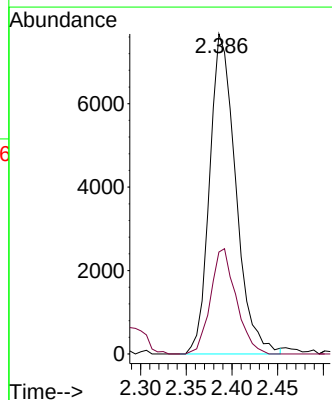
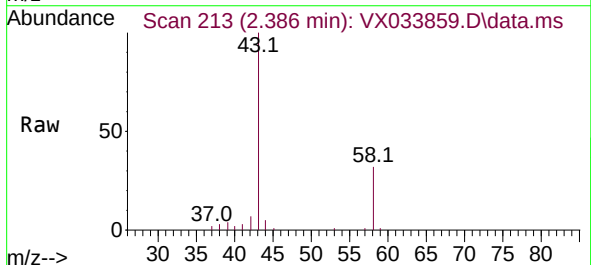
Instrument :
MSVOA_X
ClientSampleId :
WASTE-VOA-2

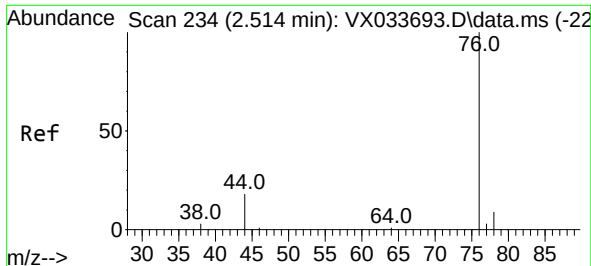
Tgt Ion:168 Resp: 155848
Ion Ratio Lower Upper
168 100
99 47.2 39.6 59.4



#16
Acetone
Concen: 13.886 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion: 43 Resp: 15258
Ion Ratio Lower Upper
43 100
58 31.9 22.6 33.8





#17

Carbon Disulfide

Concen: 1.947 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033859.D

Acq: 23 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

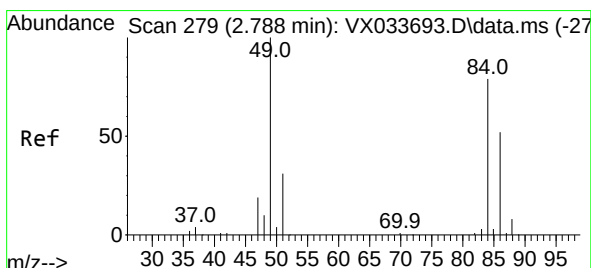
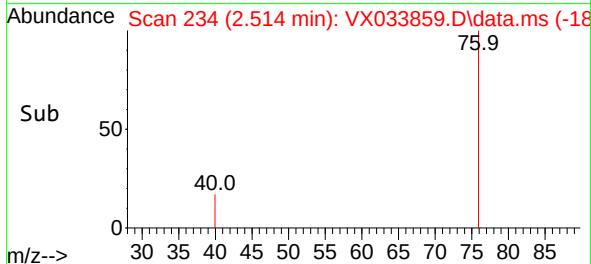
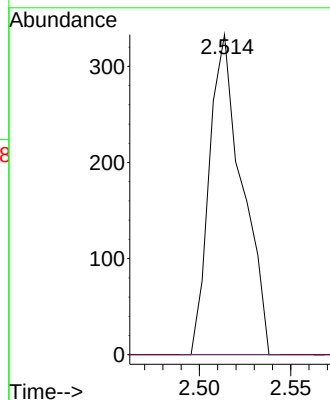
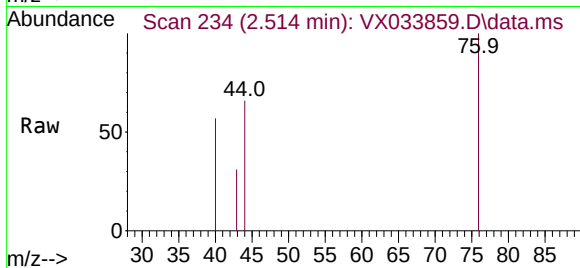
WASTE-VOA-2

Tgt Ion: 76 Resp: 417

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 4.041 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033859.D

Acq: 23 Jan 2023 19:02

Tgt Ion: 84 Resp: 9051

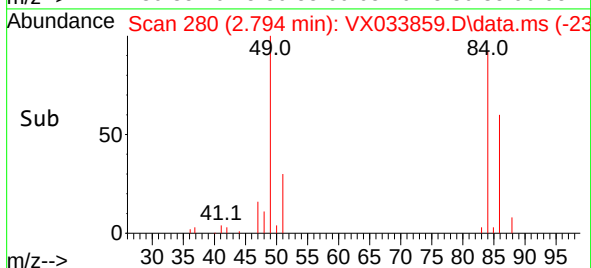
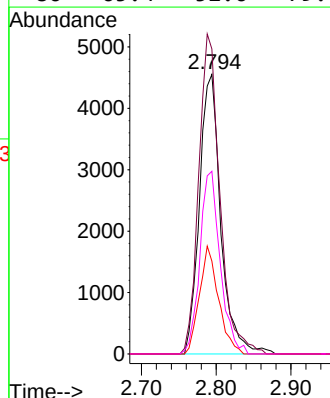
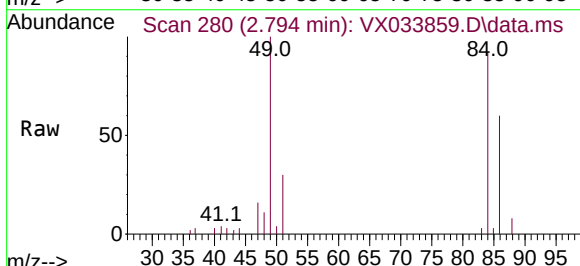
Ion Ratio Lower Upper

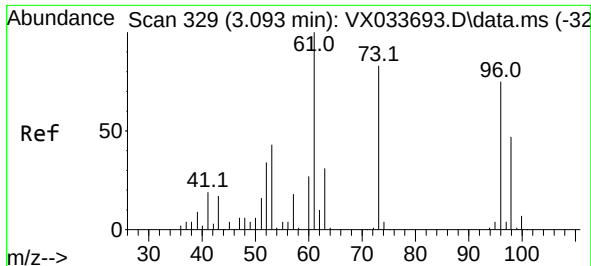
84 100

49 109.0 101.1 151.7

51 33.2 31.0 46.6

86 65.4 52.6 79.0

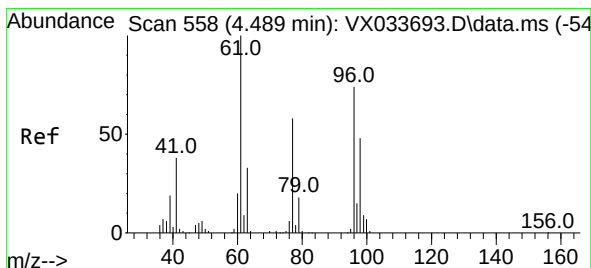
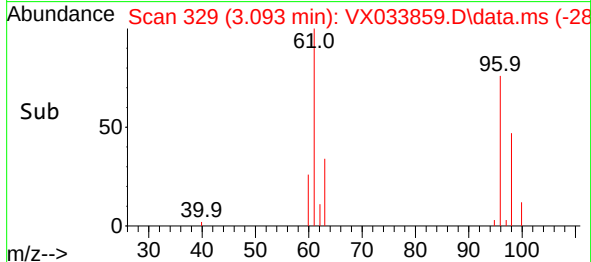
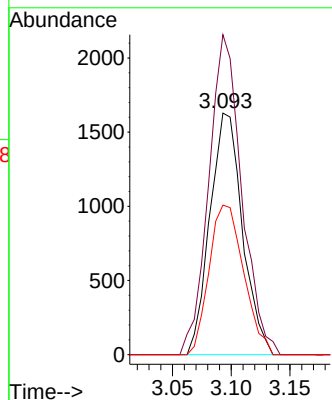
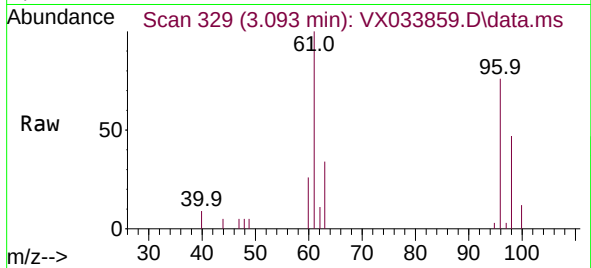




#21
trans-1,2-Dichloroethene
Concen: 2.113 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

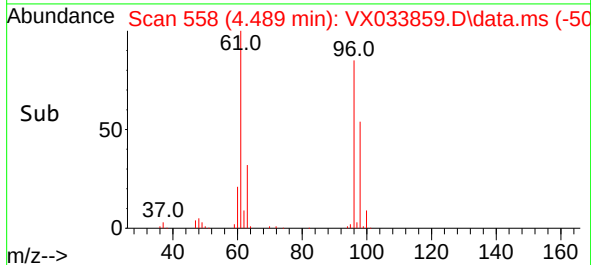
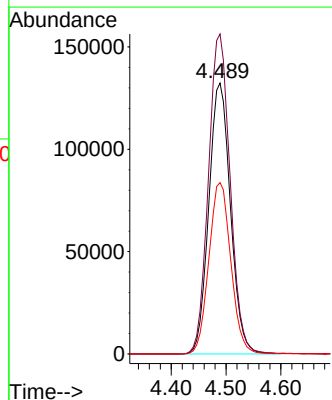
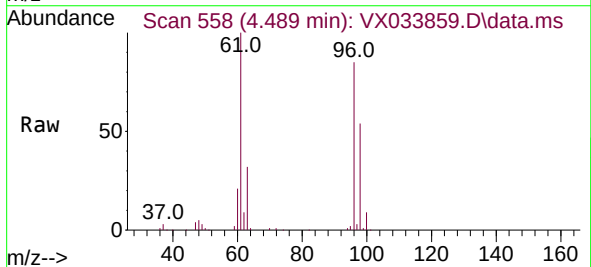
Instrument :
MSVOA_X
ClientSampleId :
WASTE-VOA-2

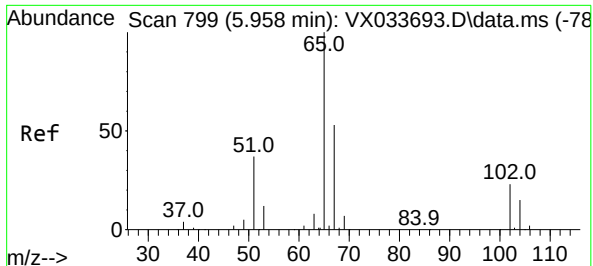
Tgt Ion: 96 Resp: 3133
Ion Ratio Lower Upper
96 100
61 132.4 106.7 160.1
98 61.9 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 213.055 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion: 96 Resp: 363118
Ion Ratio Lower Upper
96 100
61 118.6 0.0 277.6
98 64.2 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 46.424 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033859.D

Acq: 23 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

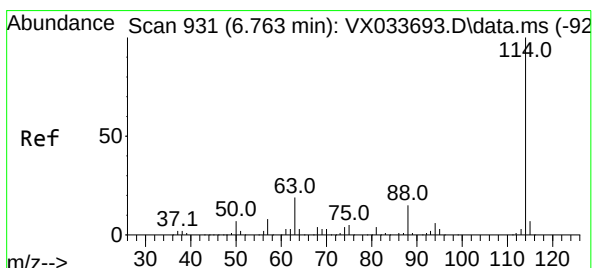
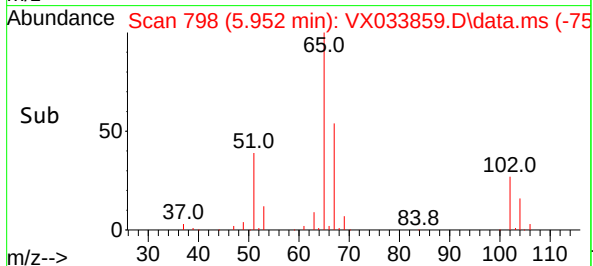
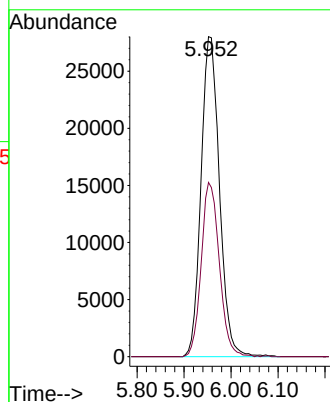
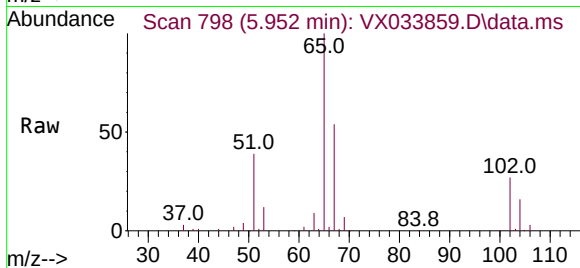
WASTE-VOA-2

Tgt Ion: 65 Resp: 76178

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033859.D

Acq: 23 Jan 2023 19:02

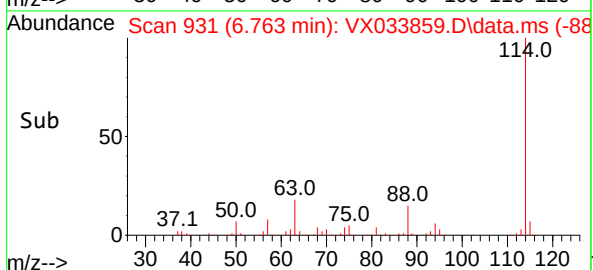
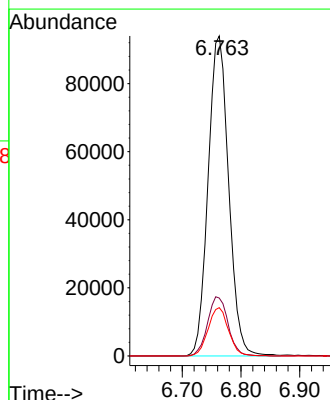
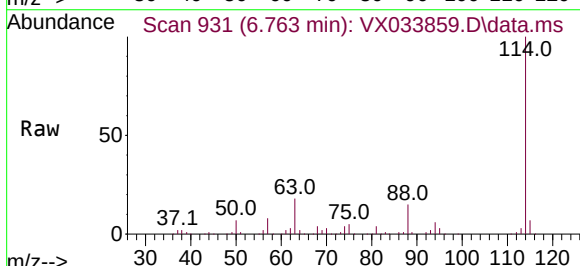
Tgt Ion: 114 Resp: 228053

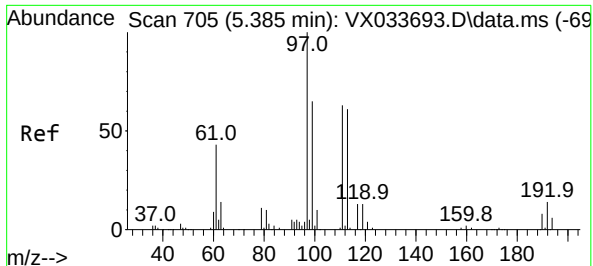
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 15.1 0.0 30.6

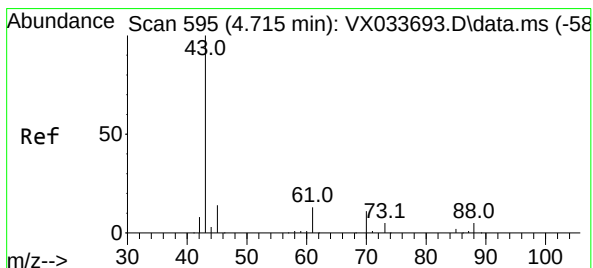
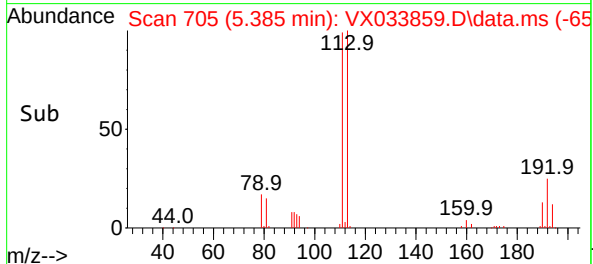
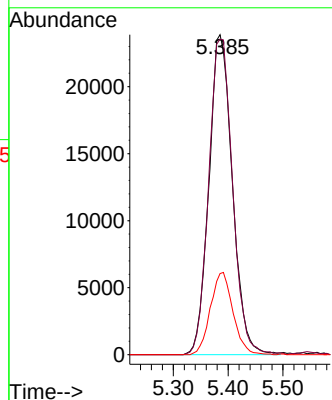
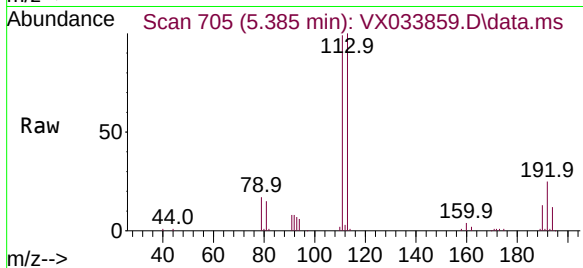




#35
Dibromofluoromethane
Concen: 50.067 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

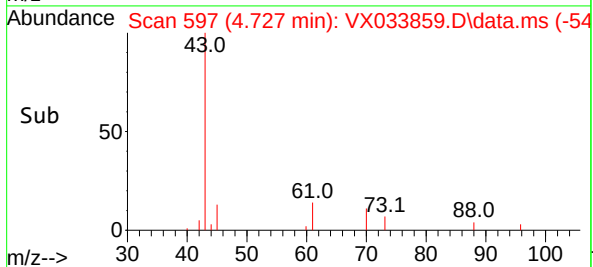
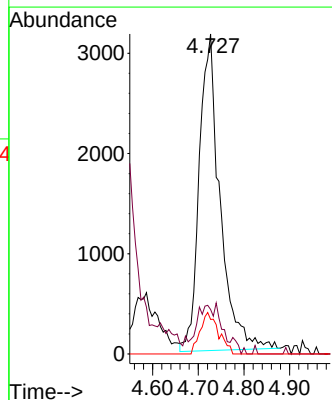
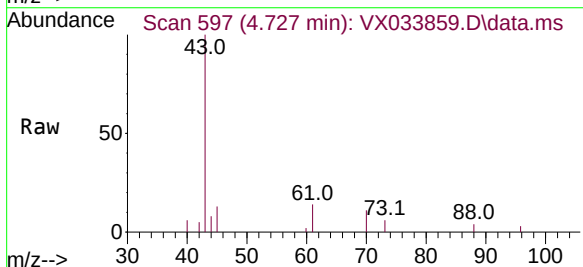
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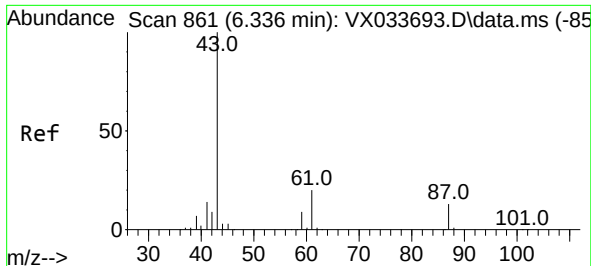
Tgt Ion:113 Resp: 70899
Ion Ratio Lower Upper
113 100
111 100.5 83.0 124.6
192 24.7 19.0 28.4



#37
Ethyl Acetate
Concen: 2.328 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion: 43 Resp: 9964
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 11.5 8.5 12.7





#43

Isopropyl Acetate

Concen: 13.497 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX033859.D

Acq: 23 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

WASTE-VOA-2

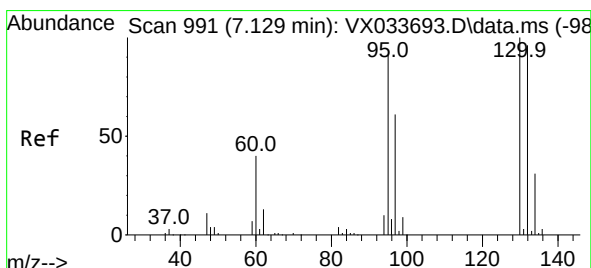
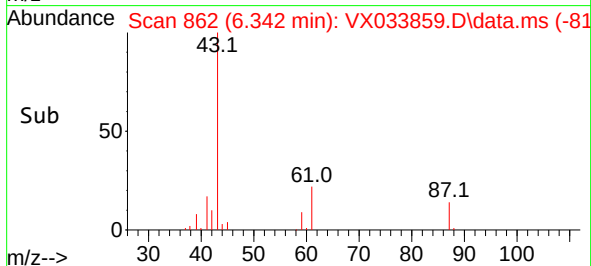
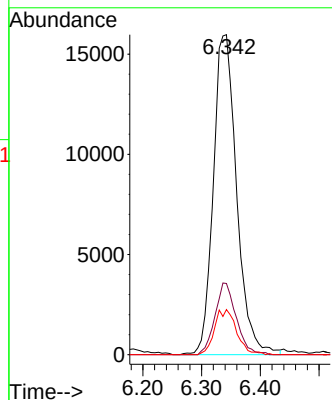
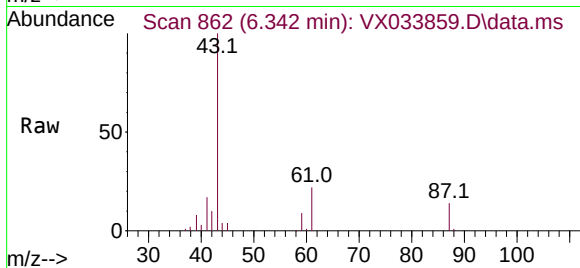
Tgt Ion: 43 Resp: 44038

Ion Ratio Lower Upper

43 100

61 20.4 15.7 23.5

87 13.4 10.6 15.8



#44

Trichloroethene

Concen: 80.796 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX033859.D

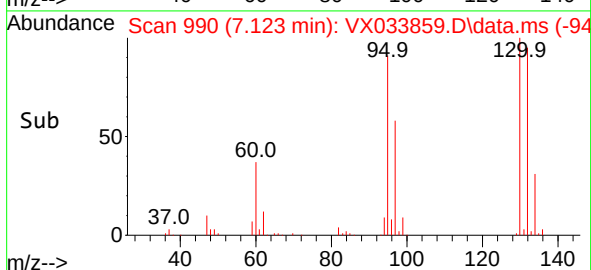
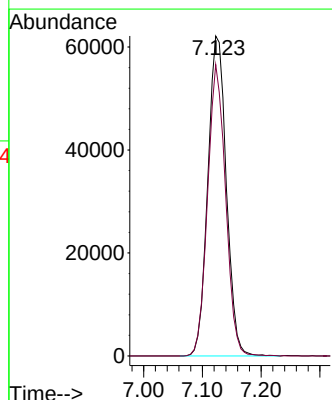
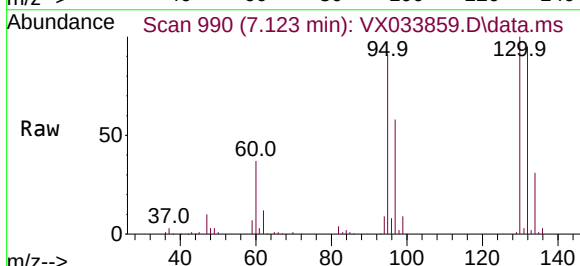
Acq: 23 Jan 2023 19:02

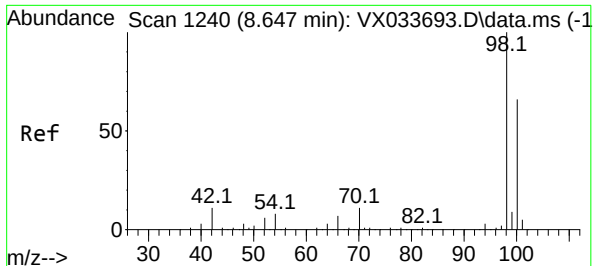
Tgt Ion:130 Resp: 136103

Ion Ratio Lower Upper

130 100

95 91.1 0.0 182.6

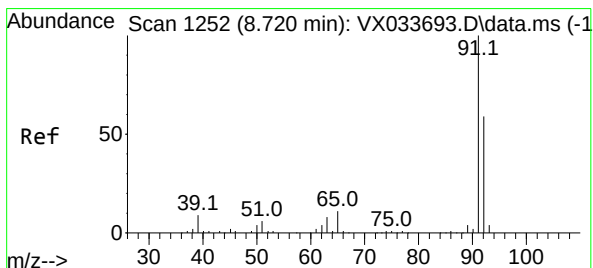
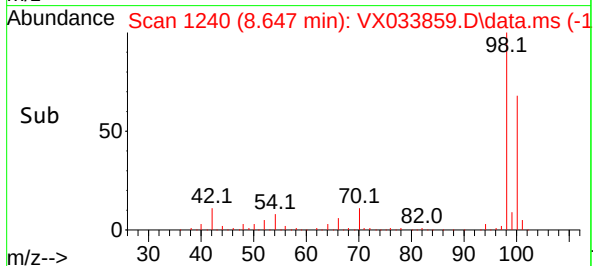
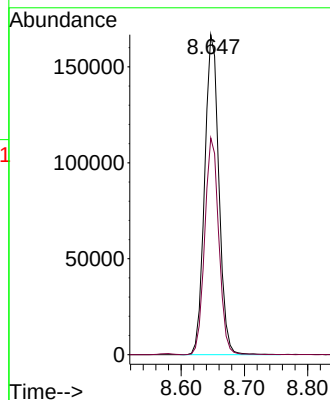
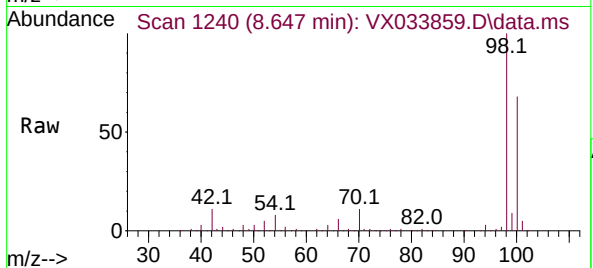




#50
Toluene-d8
Concen: 50.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

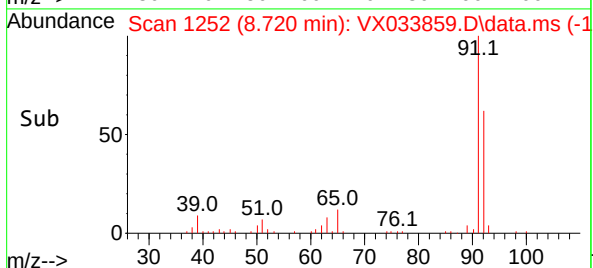
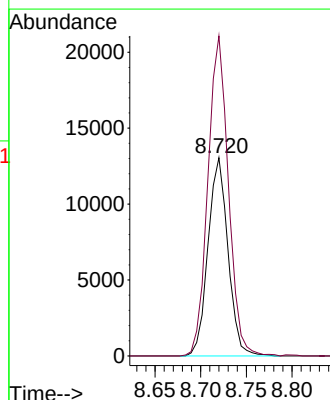
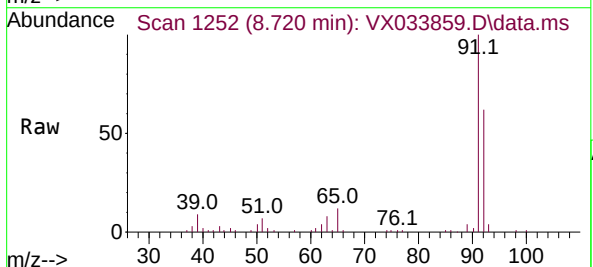
Instrument :
MSVOA_X
ClientSampleId :
WASTE-VOA-2

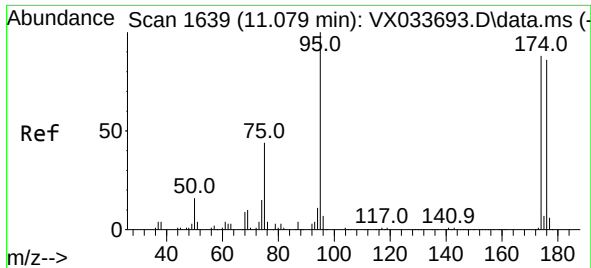
Tgt Ion: 98 Resp: 261150
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4



#52
Toluene
Concen: 5.093 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion: 92 Resp: 19812
Ion Ratio Lower Upper
92 100
91 165.9 135.5 203.3

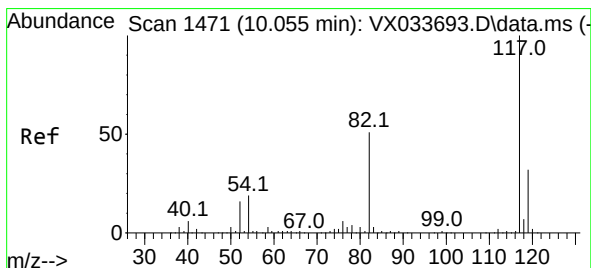
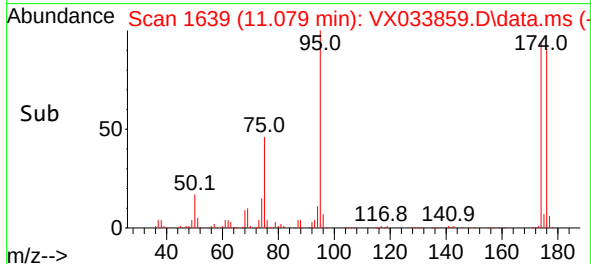
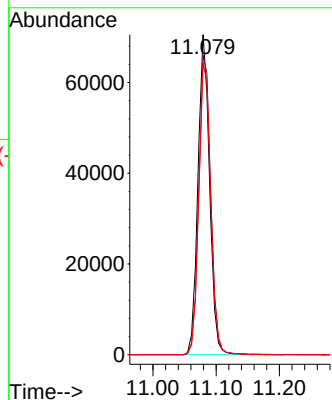
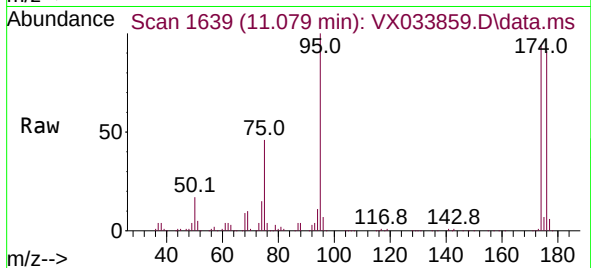




#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

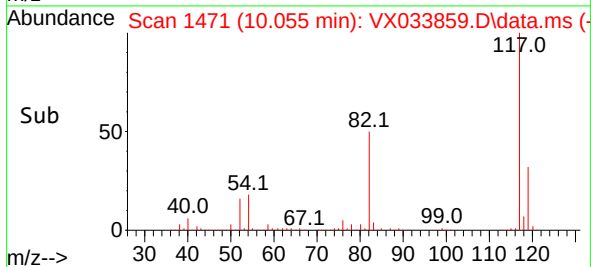
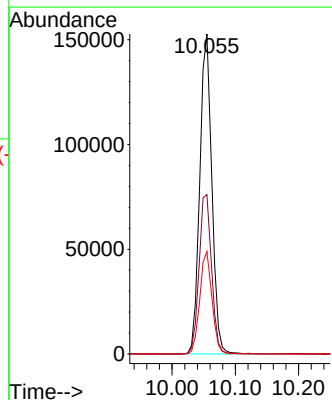
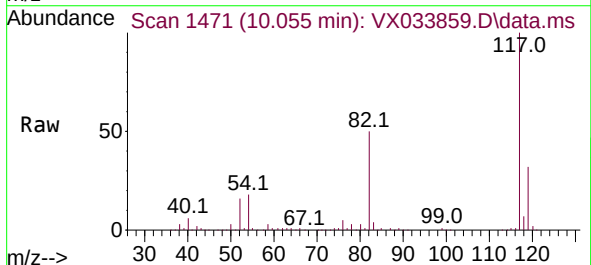
Instrument :
MSVOA_X
ClientSampleId :
WASTE-VOA-2

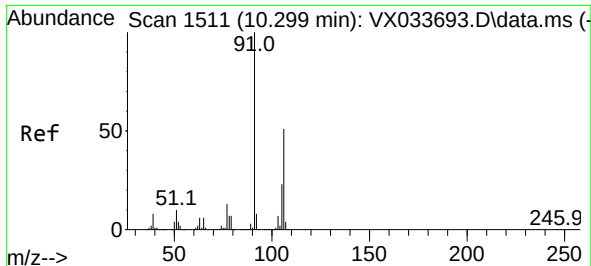
Tgt Ion: 95 Resp: 90170
Ion Ratio Lower Upper
95 100
174 97.0 0.0 184.4
176 93.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion: 117 Resp: 203032
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.0 25.6 38.4

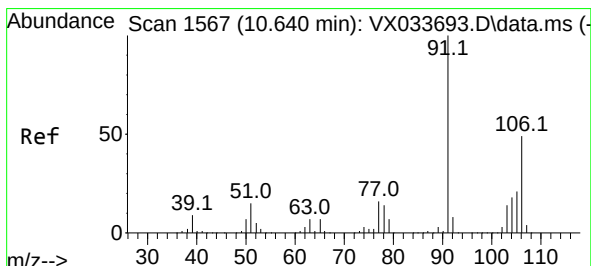
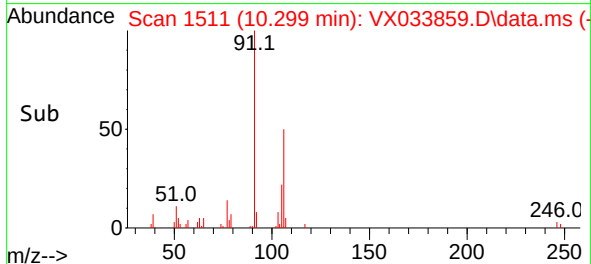
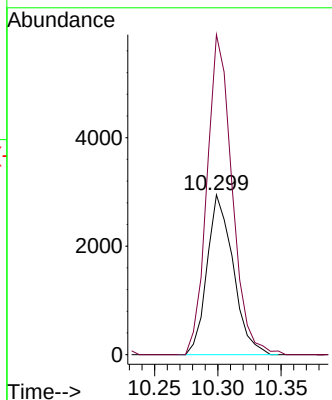
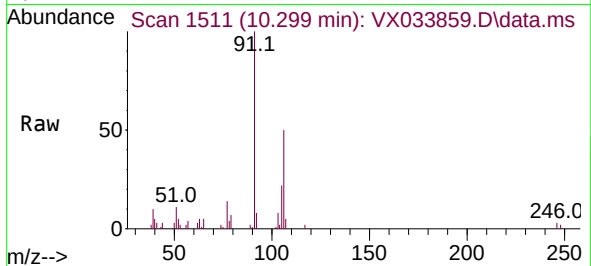




#68
m/p-Xylenes
Concen: 1.499 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

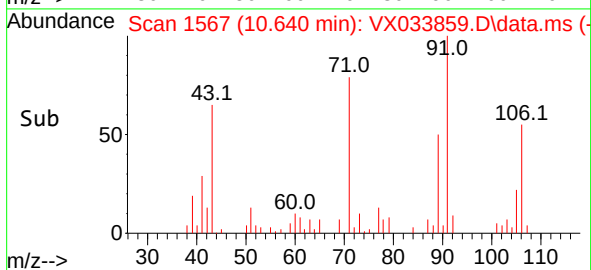
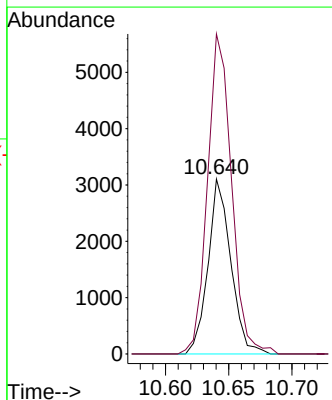
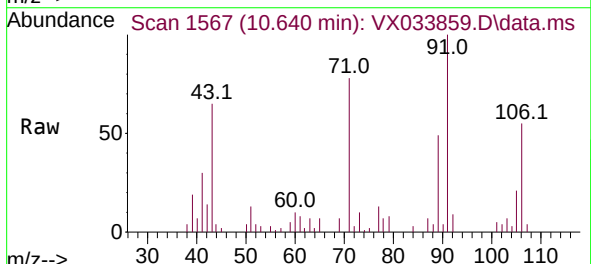
Instrument :
MSVOA_X
ClientSampleId :
WASTE-VOA-2

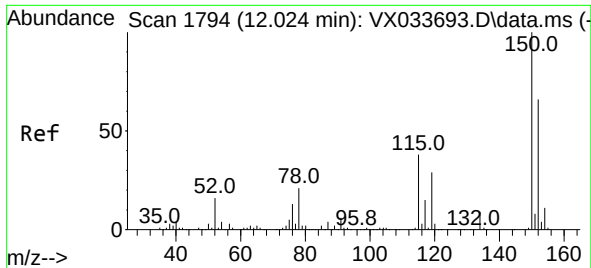
Tgt Ion:106 Resp: 4231
Ion Ratio Lower Upper
106 100
91 192.8 156.4 234.6



#69
o-Xylene
Concen: 1.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033859.D
Acq: 23 Jan 2023 19:02

Tgt Ion:106 Resp: 3896
Ion Ratio Lower Upper
106 100
91 192.5 103.1 309.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033859.D

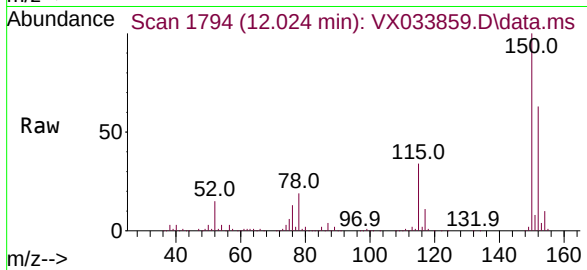
Acq: 23 Jan 2023 19:02

Instrument :

MSVOA_X

ClientSampleId :

WASTE-VOA-2



Tgt Ion:152 Resp: 99194

Ion Ratio Lower Upper

152 100

115 53.8 38.7 116.1

150 156.2 0.0 348.2

