

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016187.D
 Acq On : 02 Nov 2023 14:01
 Operator : SY/MD
 Sample : 05207-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Nov 03 01:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

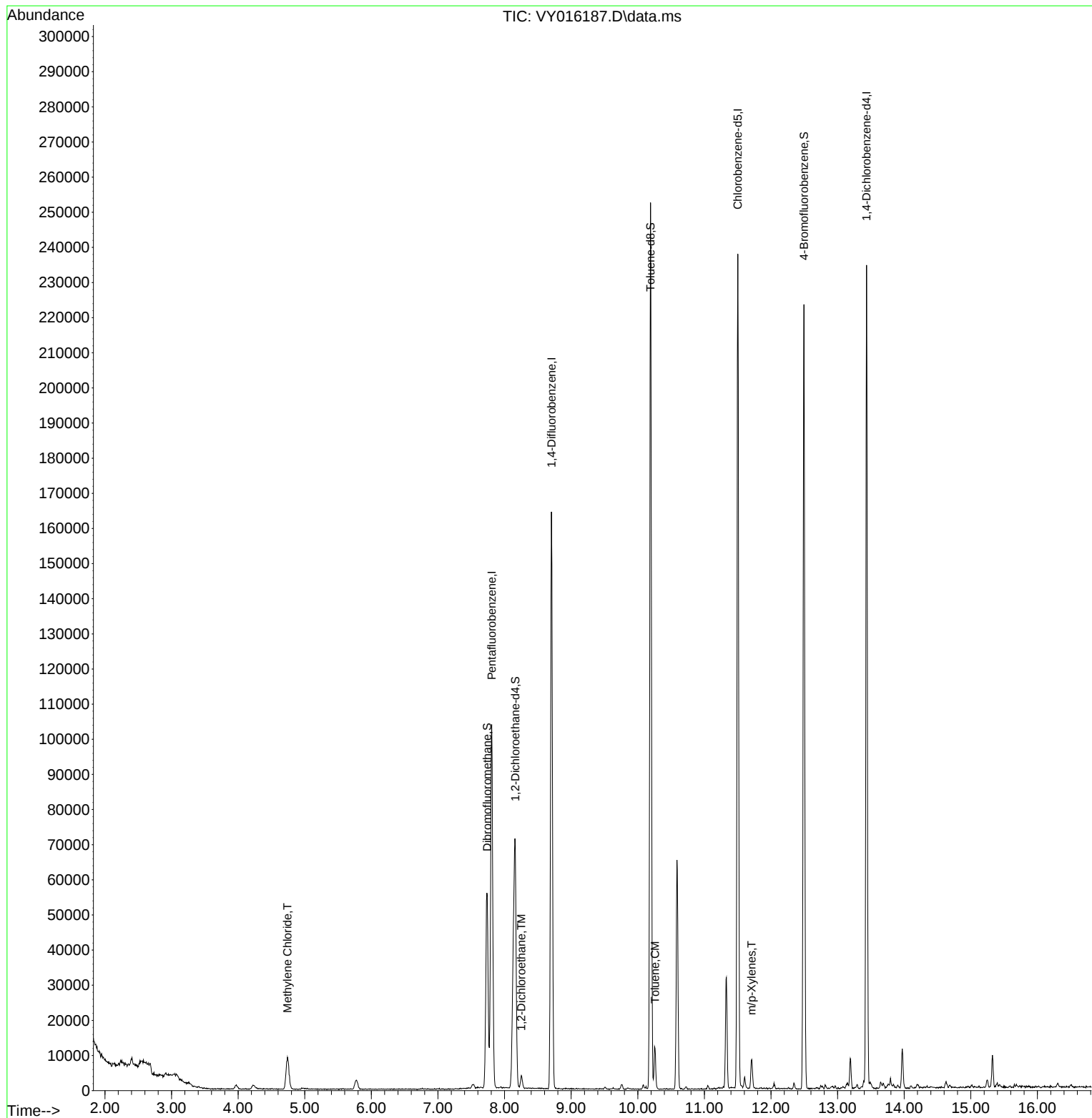
Internal Standards						
1) Pentafluorobenzene	7.807	168	81736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	141418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	131634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	59098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	47456	62.048	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.100%
35) Dibromofluoromethane	7.740	113	40554	48.101	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.191	98	165883	49.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.496	95	56422	49.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.720%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.741	84	7181	6.587	ug/l	96
42) 1,2-Dichloroethane	8.252	62	3165	3.245	ug/l	96
52) Toluene	10.258	92	5347	2.361	ug/l	94
68) m/p-Xylenes	11.709	106	2566	1.420	ug/l	96

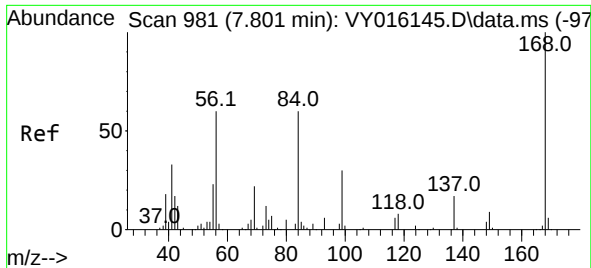
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 01 03:33:29 2023
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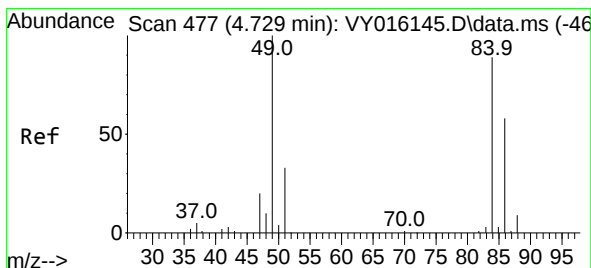
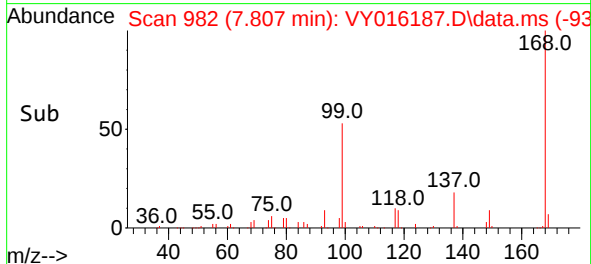
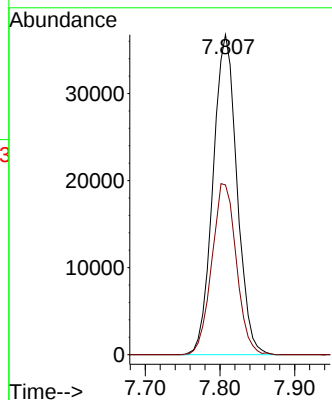
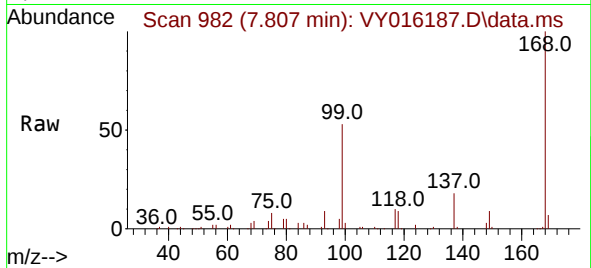




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

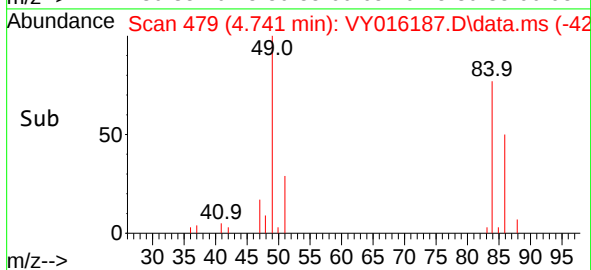
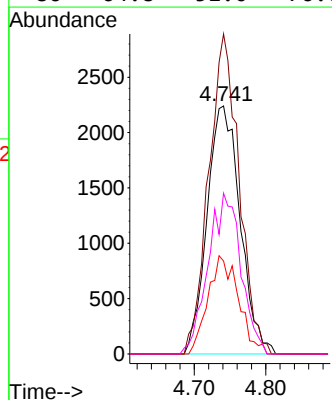
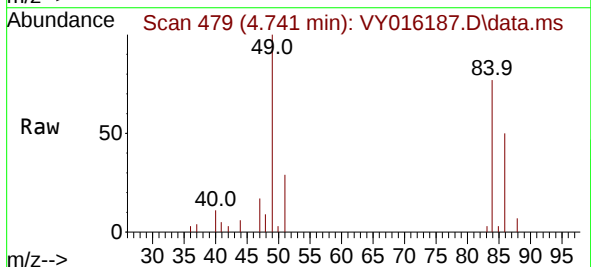
Instrument :
MSVOA_Y
ClientSampleId :
VOC

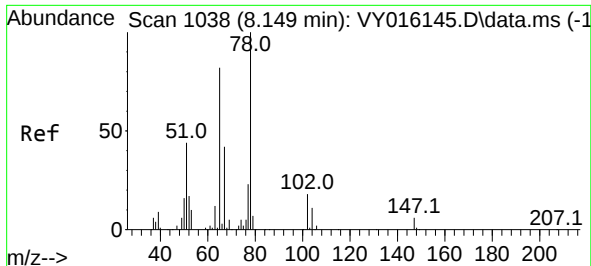
Tgt Ion:168 Resp: 81736
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.587 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

Tgt Ion: 84 Resp: 7181
Ion Ratio Lower Upper
84 100
49 129.1 106.9 160.3
51 37.5 33.2 49.8
86 64.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.048 ug/l

RT: 8.161 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016187.D

Acq: 02 Nov 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

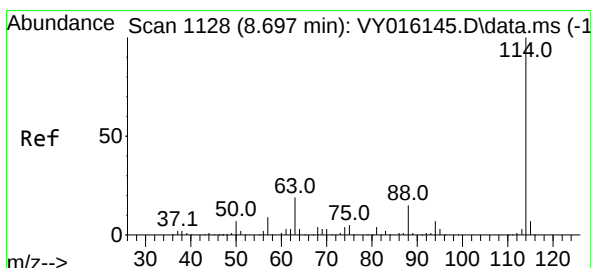
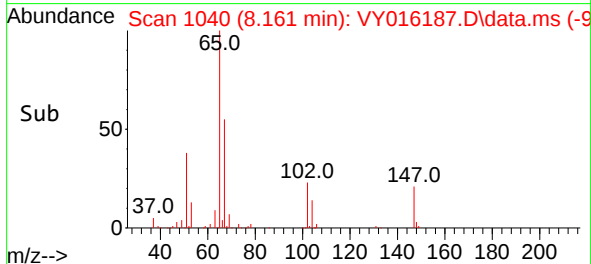
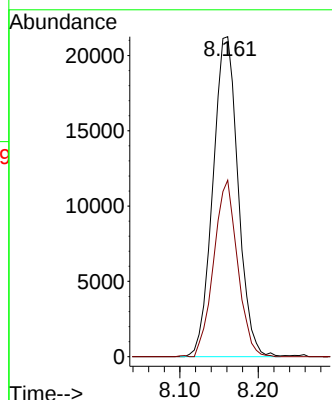
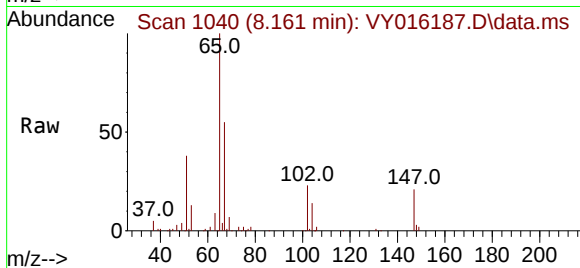
VOC

Tgt Ion: 65 Resp: 47456

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016187.D

Acq: 02 Nov 2023 14:01

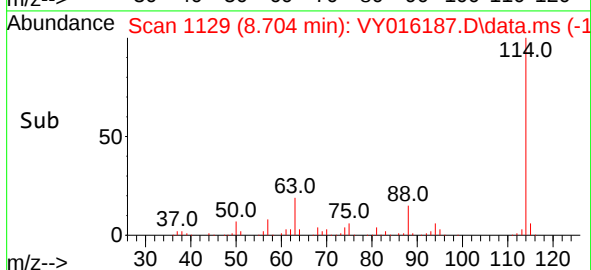
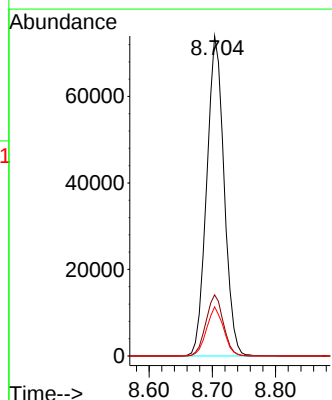
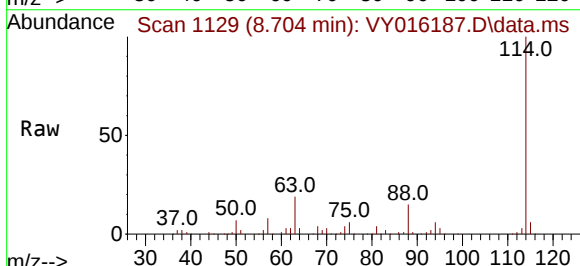
Tgt Ion: 114 Resp: 141418

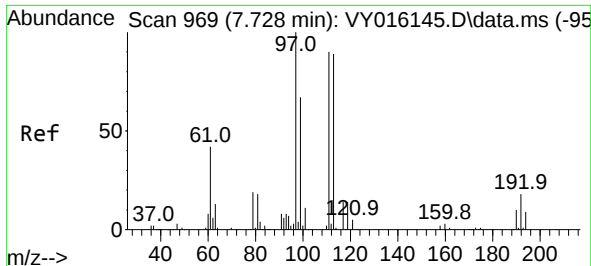
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

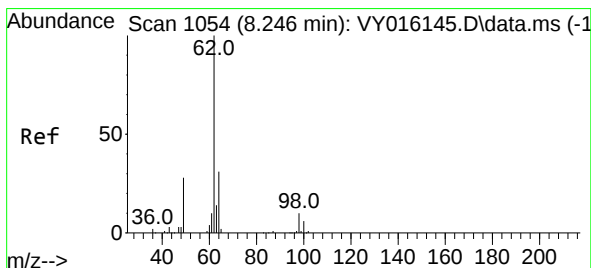
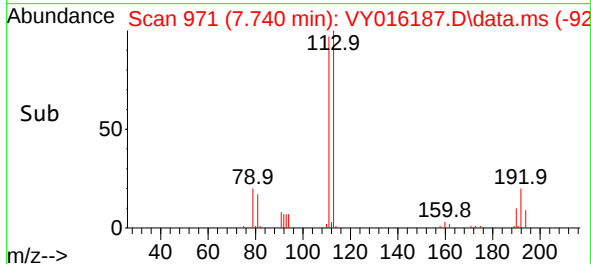
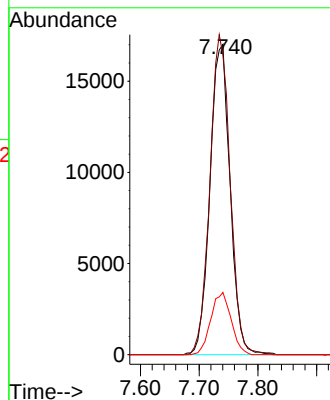
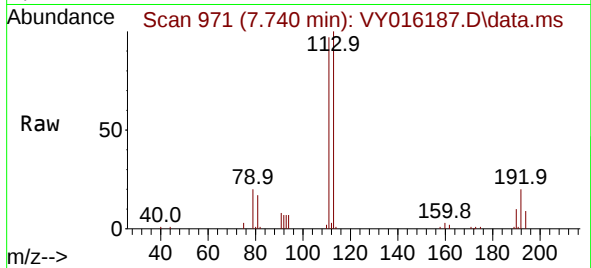




#35
Dibromofluoromethane
Concen: 48.101 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

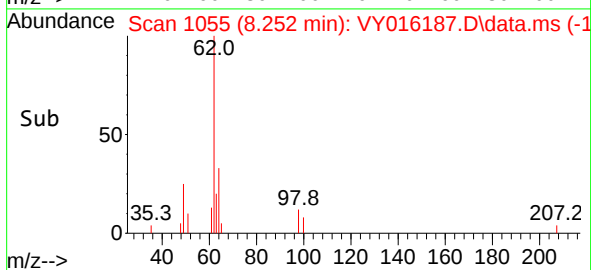
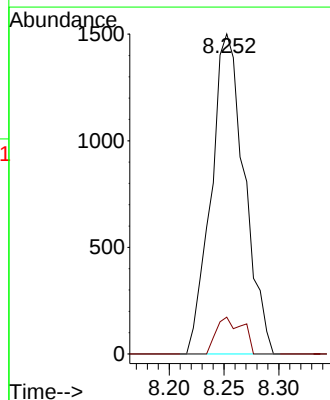
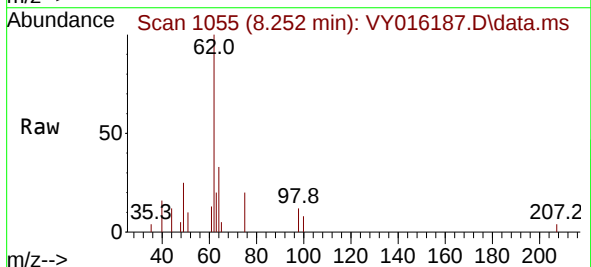
Instrument :
MSVOA_Y
ClientSampleId :
VOC

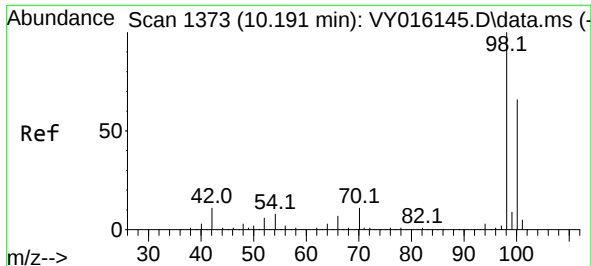
Tgt Ion:113 Resp: 40554
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.2 16.9 25.3



#42
1,2-Dichloroethane
Concen: 3.245 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

Tgt Ion: 62 Resp: 3165
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8





#50

Toluene-d8

Concen: 49.625 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016187.D

Acq: 02 Nov 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

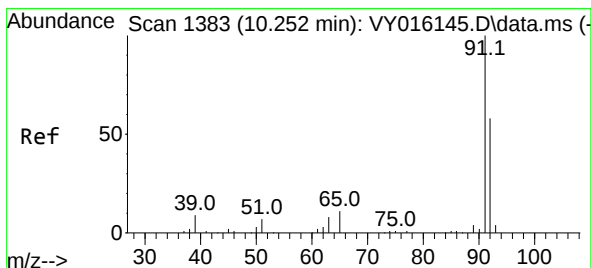
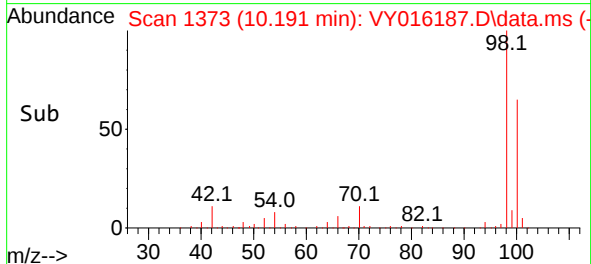
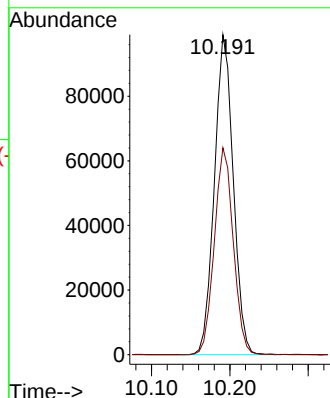
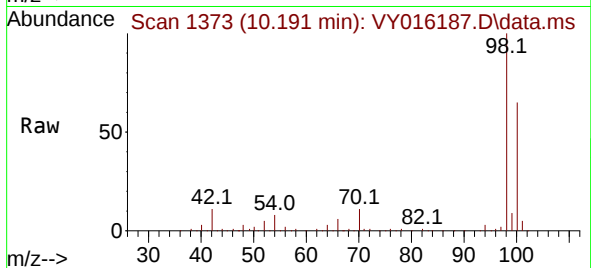
VOC

Tgt Ion: 98 Resp: 165883

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#52

Toluene

Concen: 2.361 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016187.D

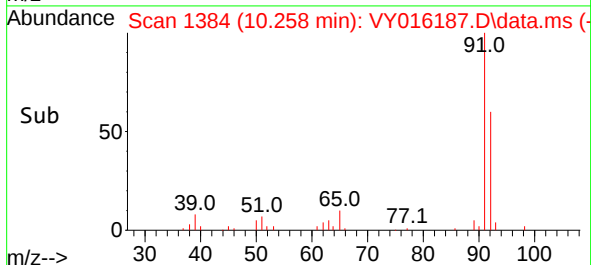
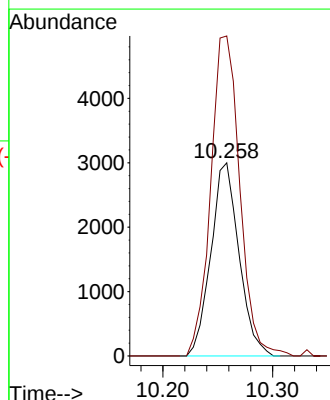
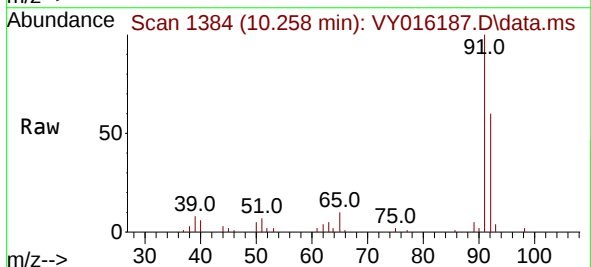
Acq: 02 Nov 2023 14:01

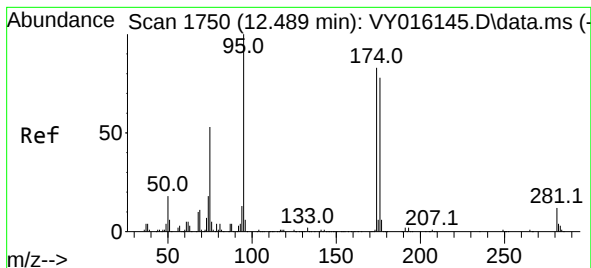
Tgt Ion: 92 Resp: 5347

Ion Ratio Lower Upper

92 100

91 171.2 143.8 215.6

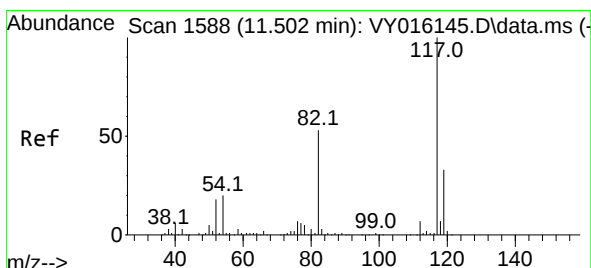
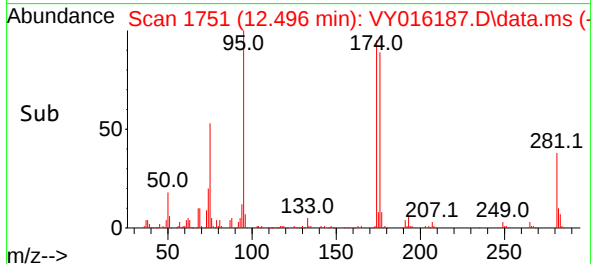
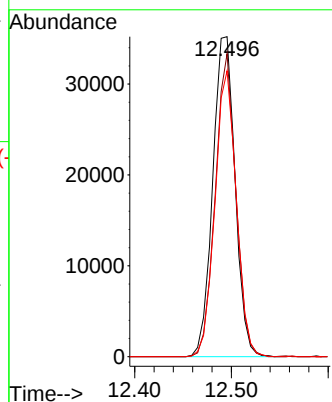
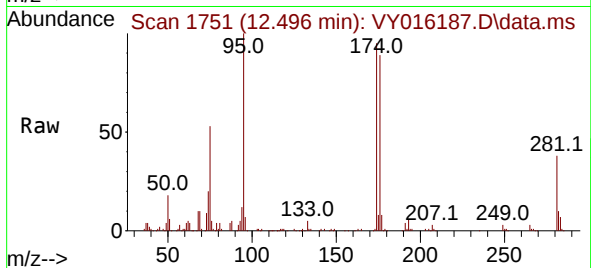




#62
4-Bromofluorobenzene
Concen: 49.362 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

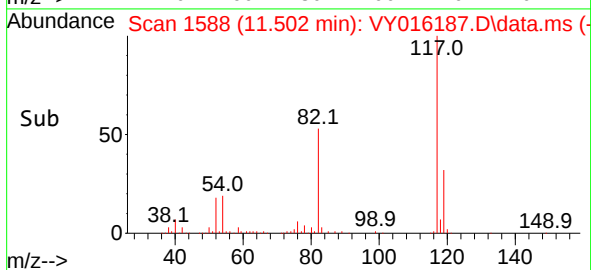
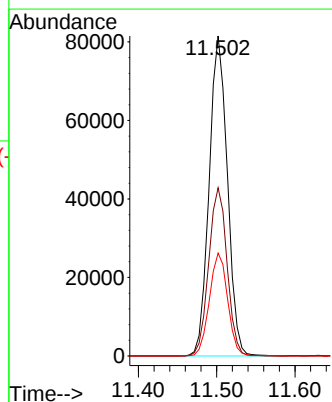
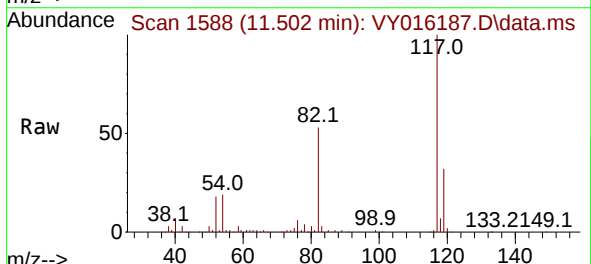
Instrument :
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VOC

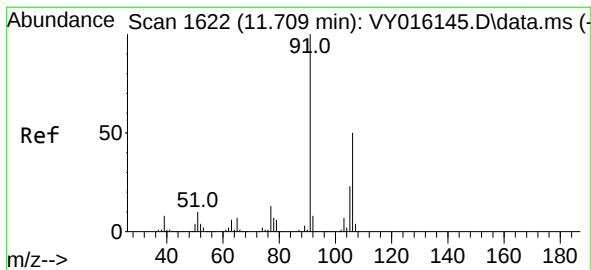
Tgt Ion: 95 Resp: 56422
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 85.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016187.D
Acq: 02 Nov 2023 14:01

Tgt Ion: 117 Resp: 131634
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.1 26.3 39.5





#68

m/p-Xylenes

Concen: 1.420 ug/l

RT: 11.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016187.D

Acq: 02 Nov 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

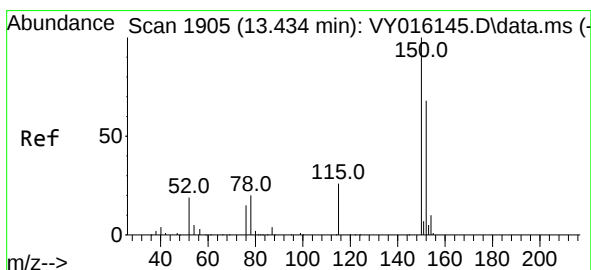
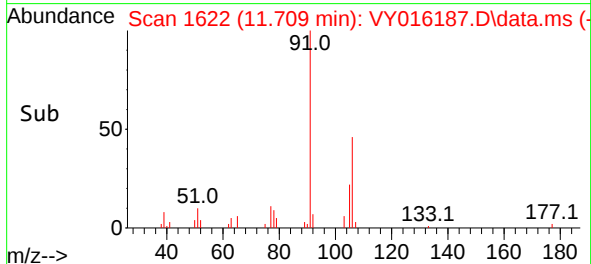
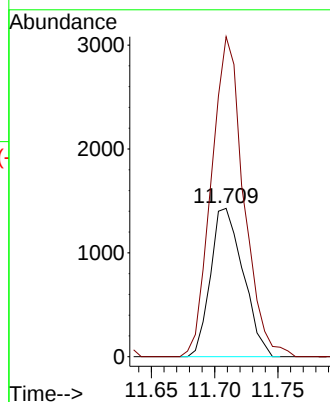
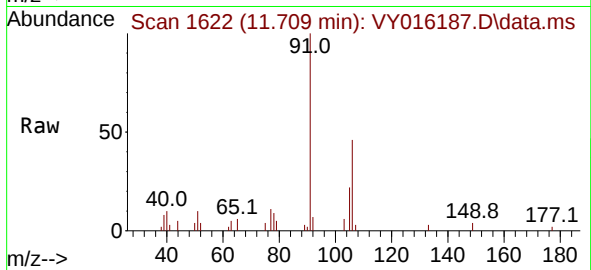
VOC

Tgt Ion:106 Resp: 2566

Ion Ratio Lower Upper

106 100

91 213.4 166.1 249.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016187.D

Acq: 02 Nov 2023 14:01

Tgt Ion:152 Resp: 59098

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 160.3 0.0 348.8

