

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016548.D
 Acq On : 30 Nov 2023 14:39
 Operator : SY/MD
 Sample : 05588-02
 Misc : 21.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TUDOR

Quant Time: Dec 01 00:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

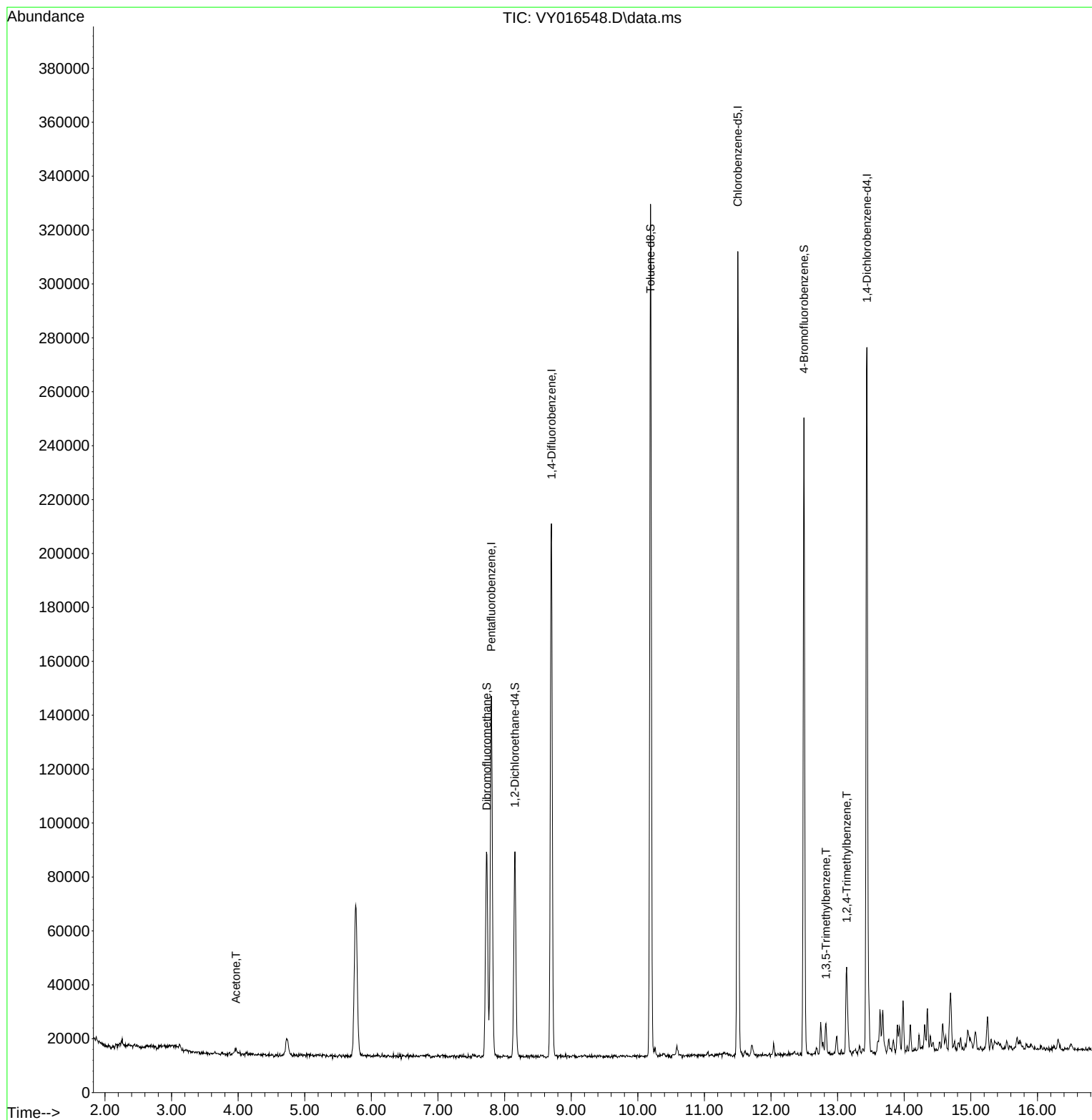
Internal Standards						
1) Pentafluorobenzene	7.801	168	108270	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.703	114	184130	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	175622	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	74043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60433	70.650	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.300%	
35) Dibromofluoromethane	7.734	113	55833	51.665	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.191	98	214660	51.214	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.495	95	70961	53.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	3137	22.511	ug/l	92
80) 1,3,5-Trimethylbenzene	12.825	105	5004	1.109	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	20825	4.739	ug/l	91

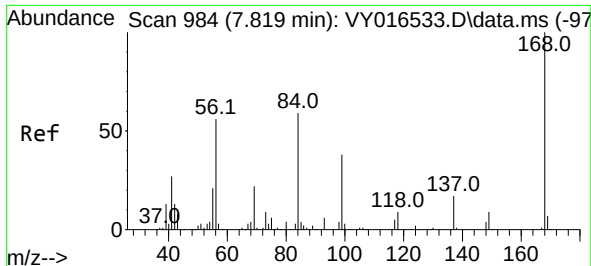
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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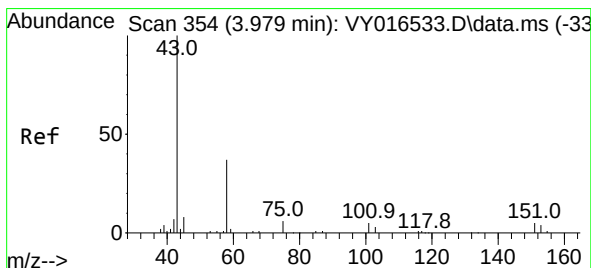
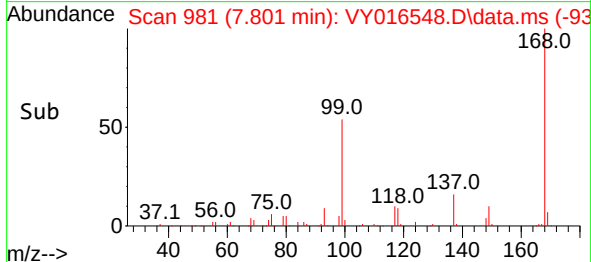
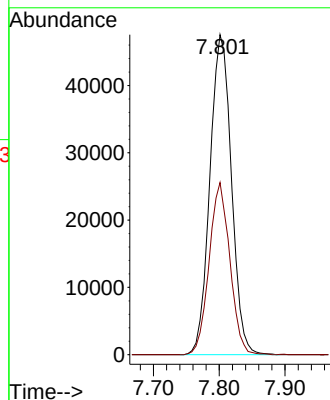
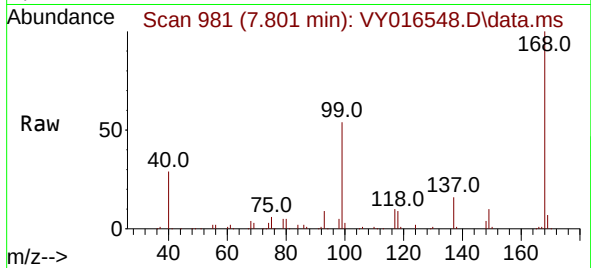




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

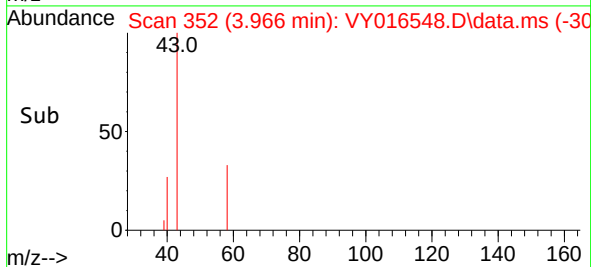
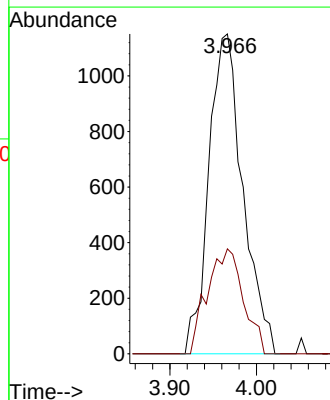
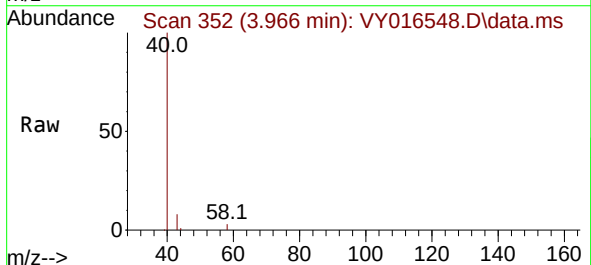
Instrument :
MSVOA_Y
ClientSampleId :
TUDOR

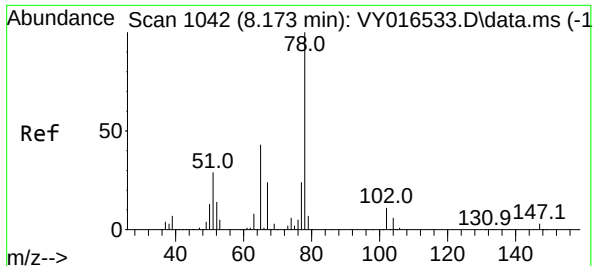
Tgt Ion:168 Resp: 108270
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 22.511 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1

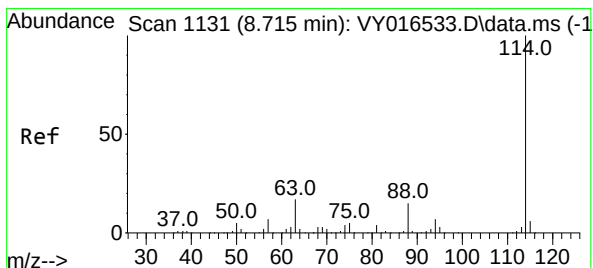
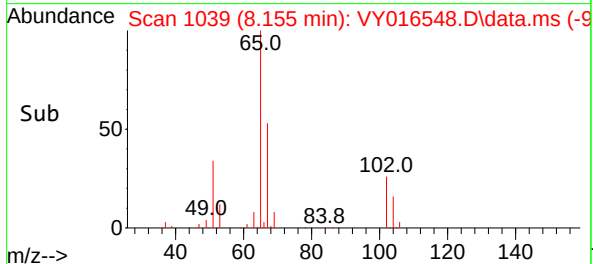
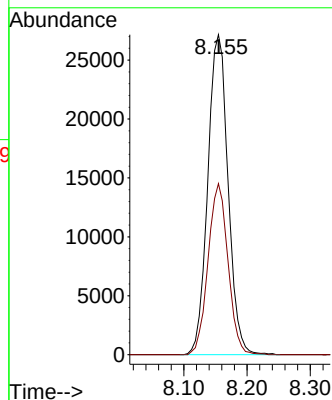
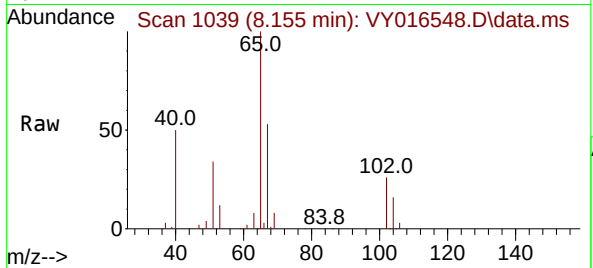




#33
 1,2-Dichloroethane-d4
 Concen: 70.650 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. -0.018 min
 Lab File: VY016548.D
 Acq: 30 Nov 2023 14:39

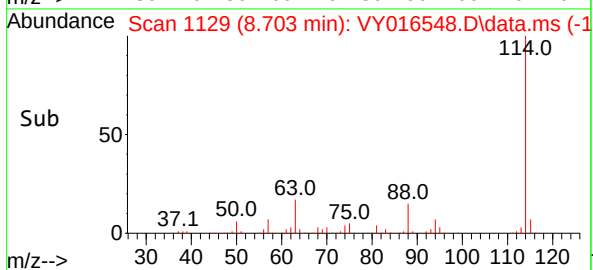
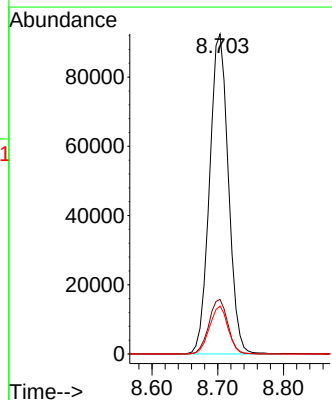
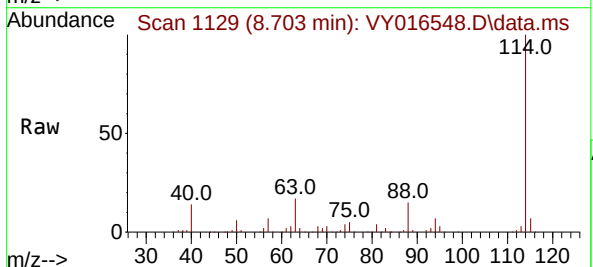
Instrument :
 MSVOA_Y
 ClientSampleId :
 TUDOR

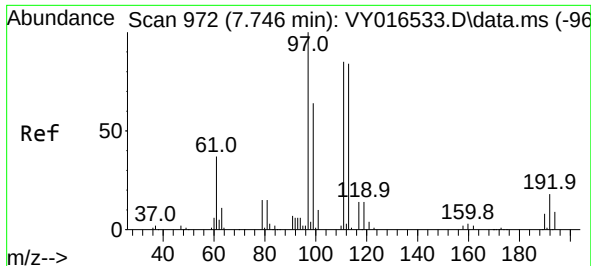
Tgt Ion: 65 Resp: 60433
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.012 min
 Lab File: VY016548.D
 Acq: 30 Nov 2023 14:39

Tgt Ion: 114 Resp: 184130
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 42.4
 88 15.0 0.0 30.6

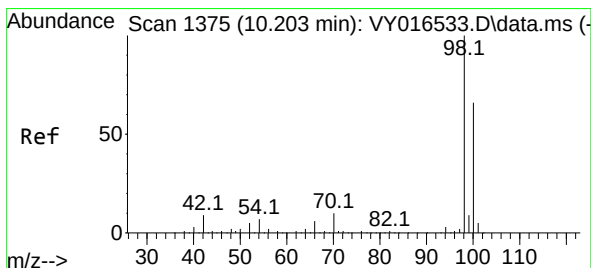
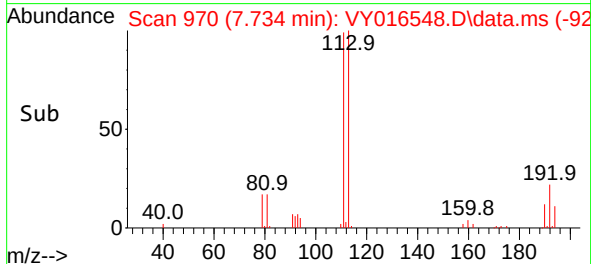
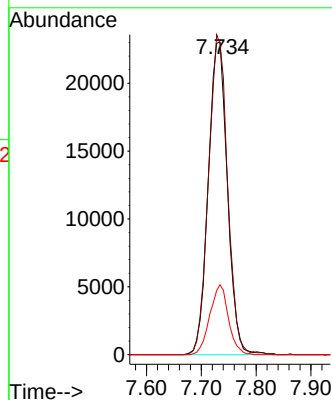
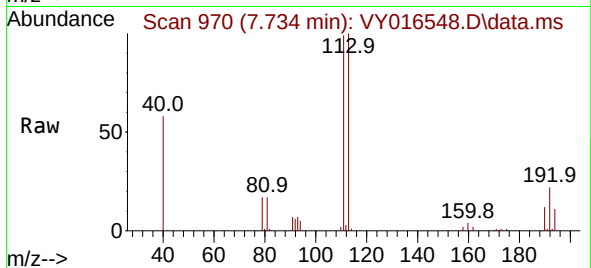




#35
Dibromofluoromethane
Concen: 51.665 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

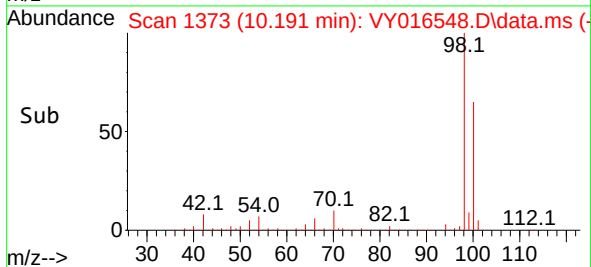
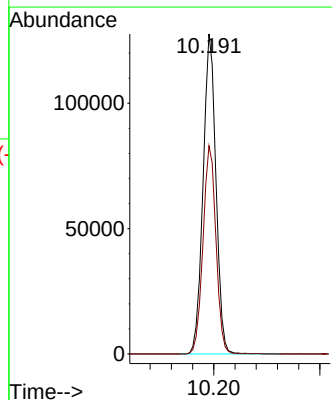
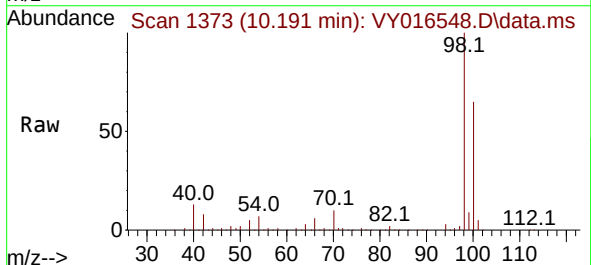
Instrument :
MSVOA_Y
ClientSampleId :
TUDOR

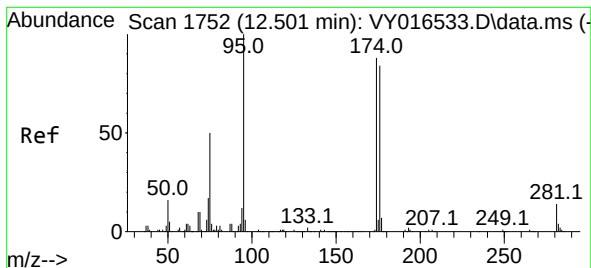
Tgt Ion:113 Resp: 55833
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.012 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

Tgt Ion: 98 Resp: 214660
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

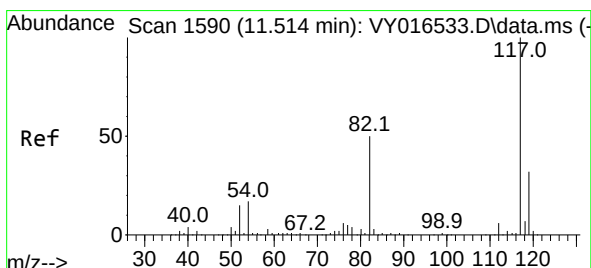
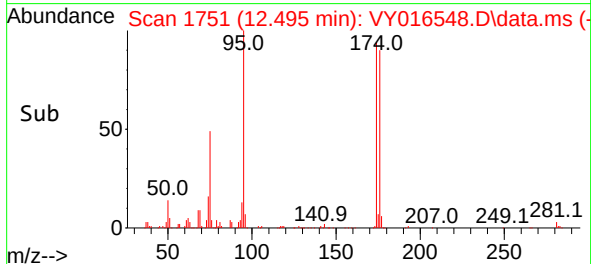
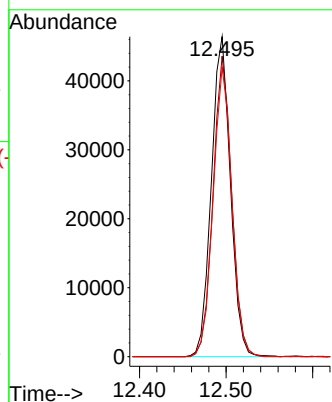
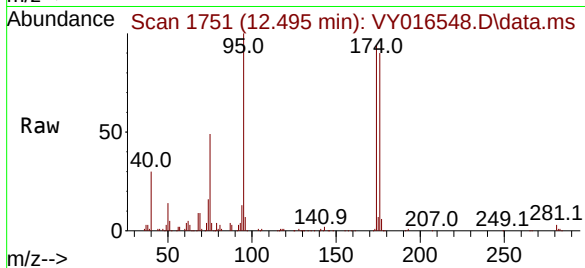




#62
4-Bromofluorobenzene
Concen: 53.968 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

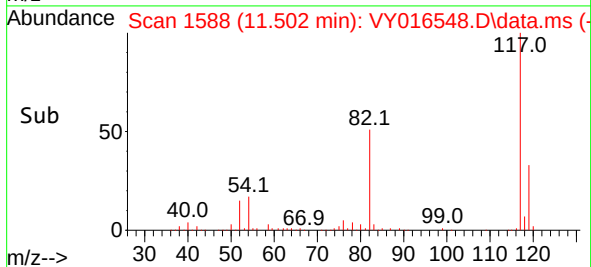
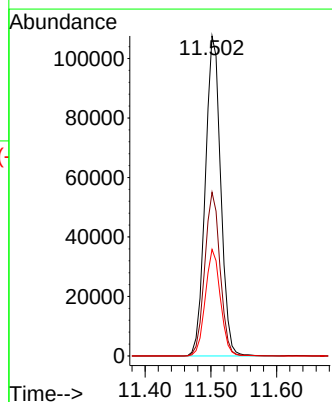
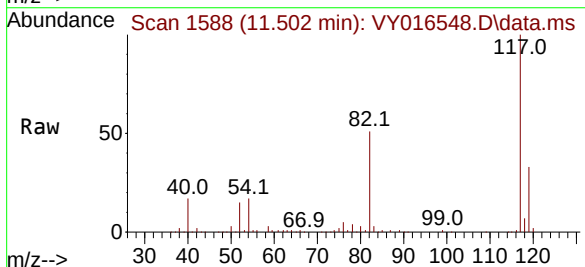
Instrument :
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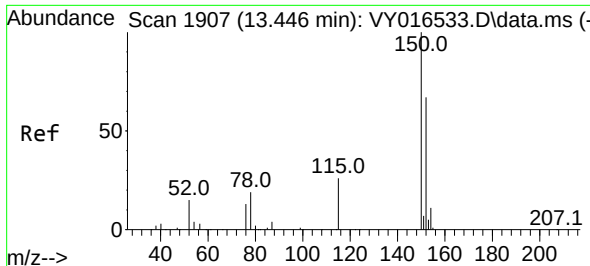
Tgt Ion: 95 Resp: 70961
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 89.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.012 min
Lab File: VY016548.D
Acq: 30 Nov 2023 14:39

Tgt Ion: 117 Resp: 175622
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 33.3 26.3 39.5

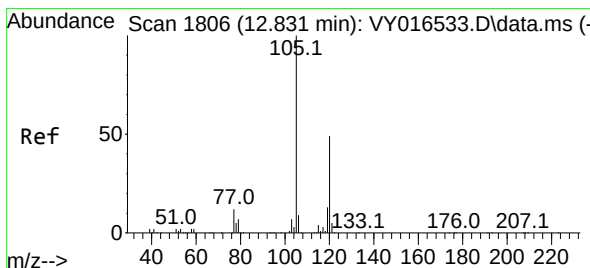
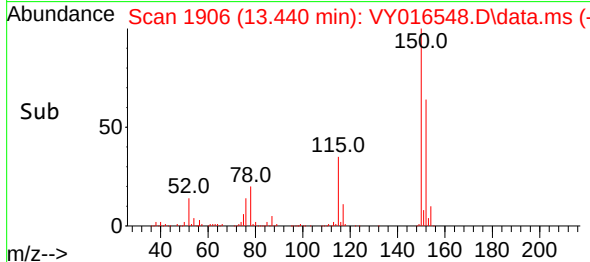
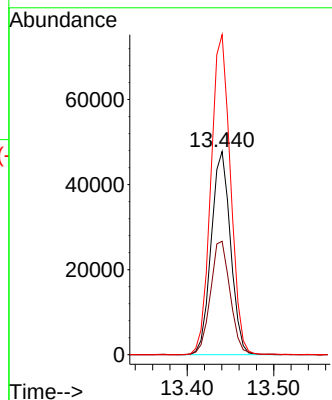
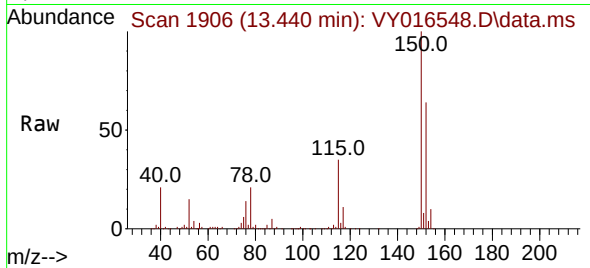




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY016548.D
 Acq: 30 Nov 2023 14:39

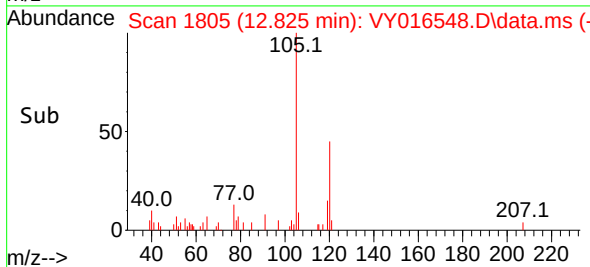
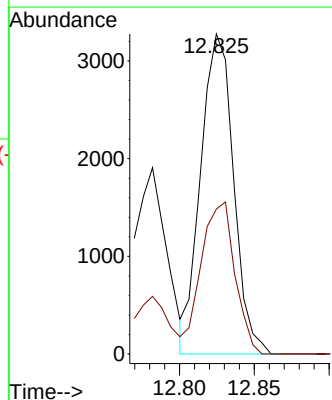
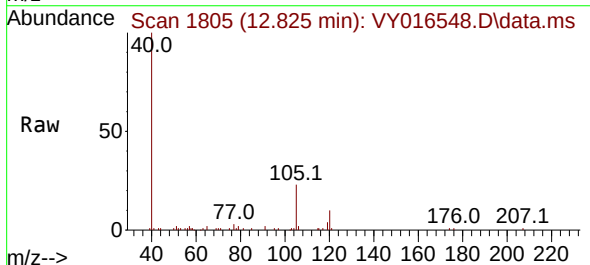
Instrument :
 MSVOA_Y
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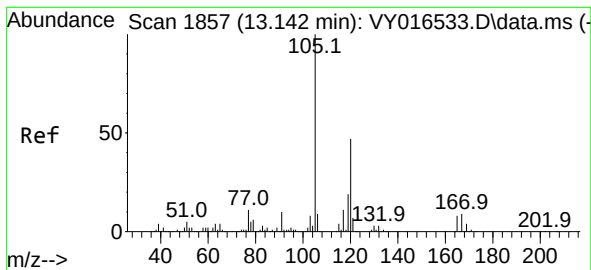
Tgt Ion:152 Resp: 74043
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 159.7 0.0 348.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.109 ug/l
 RT: 12.825 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: VY016548.D
 Acq: 30 Nov 2023 14:39

Tgt Ion:105 Resp: 5004
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 4.739 ug/l

RT: 13.136 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016548.D

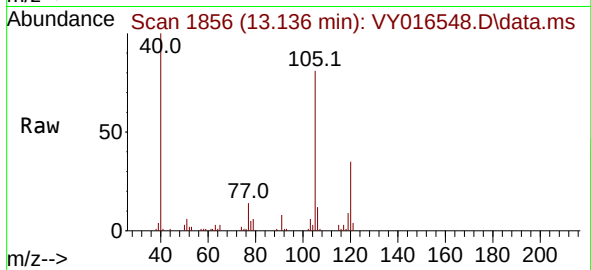
Acq: 30 Nov 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TUDOR



Tgt Ion:105 Resp: 20825

Ion Ratio Lower Upper

105 100

120 38.8 22.2 66.6

