

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013443.D
 Acq On : 25 Apr 2023 13:56
 Operator : KP/MD
 Sample : 02390-10
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

Quant Time: Apr 26 02:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

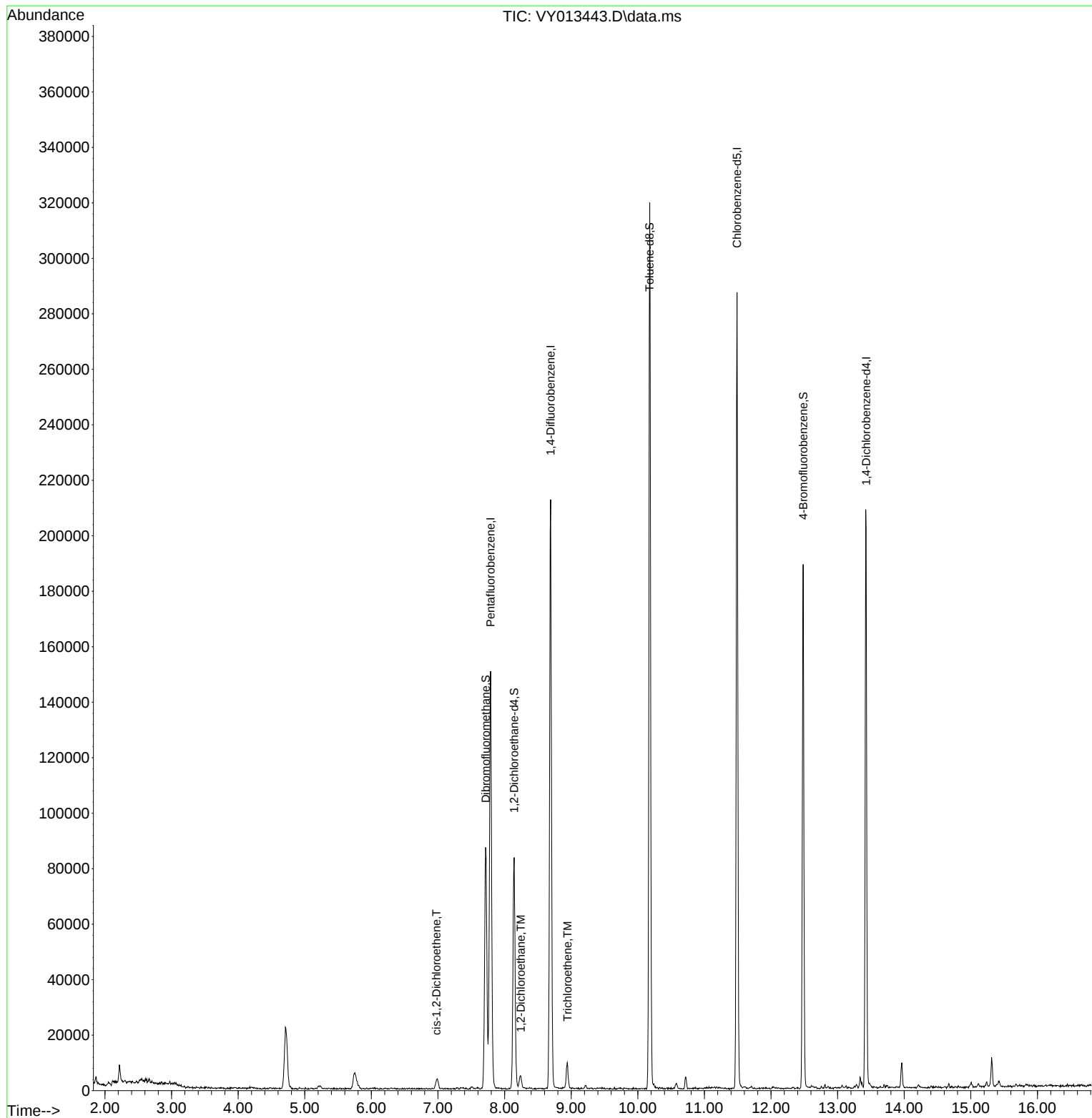
Internal Standards						
1) Pentafluorobenzene	7.789	168	113008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64461	52.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.060%	
35) Dibromofluoromethane	7.716	113	60315	55.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.179	98	209765	53.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.483	95	52915	40.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.800%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	6.978	96	2132	1.503	ug/l	82
42) 1,2-Dichloroethane	8.246	62	3737	2.239	ug/l	98
44) Trichloroethene	8.947	130	3262	2.402	ug/l	85

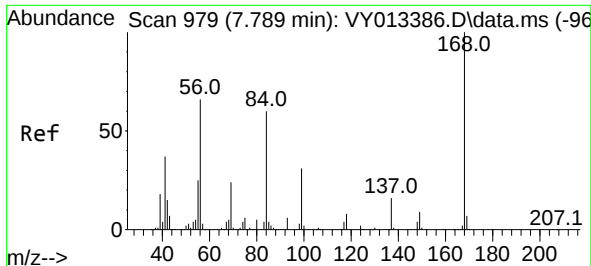
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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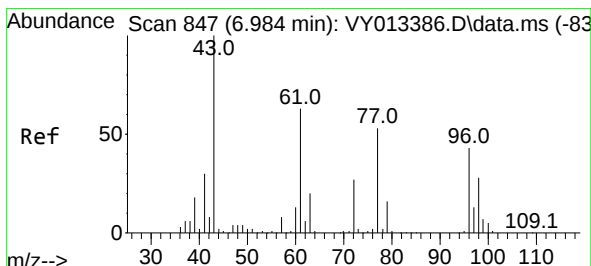
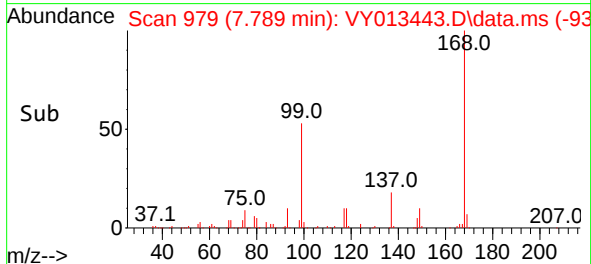
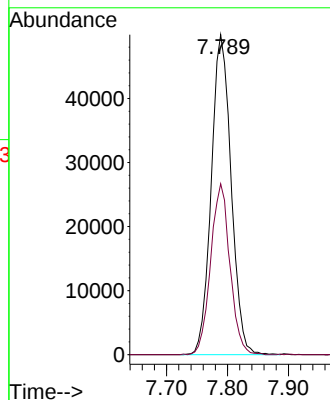
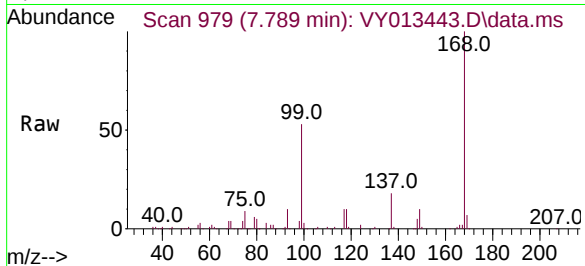




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

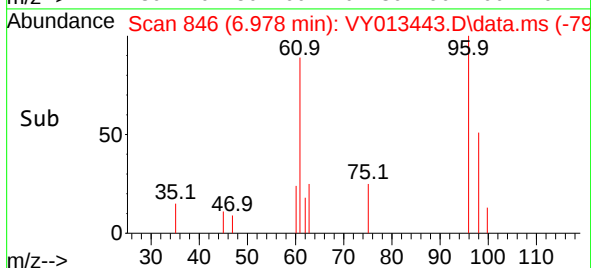
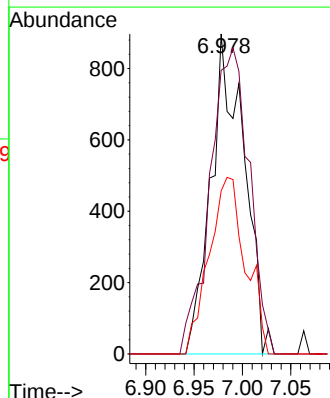
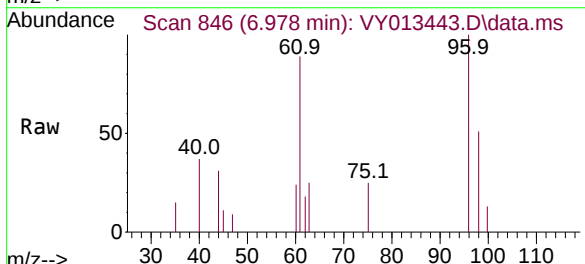
Instrument :
MSVOA_Y
ClientSampleId :
SPC-3WC-23-04-17

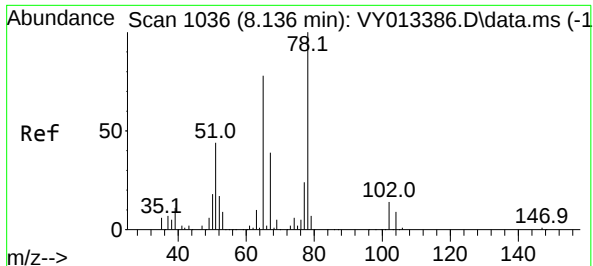
Tgt Ion:168 Resp: 113008
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#27
cis-1,2-Dichloroethene
Concen: 1.503 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 112.8 0.0 285.0
98 61.2 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 52.034 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

Instrument :

MSVOA_Y

ClientSampleId :

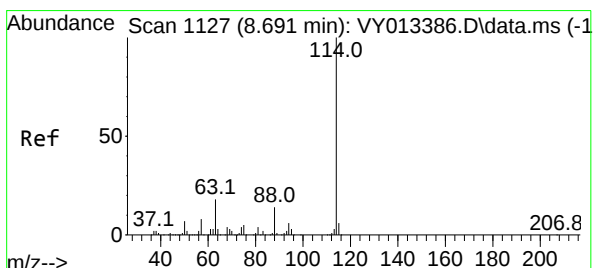
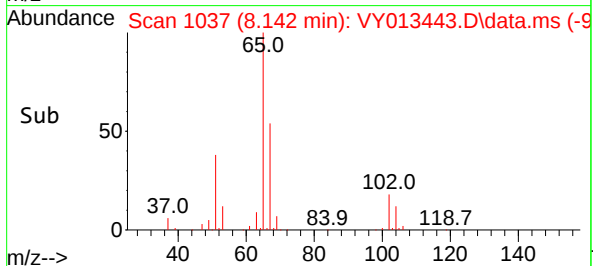
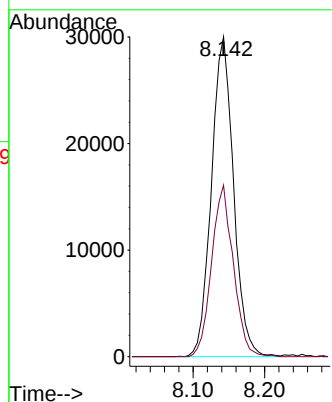
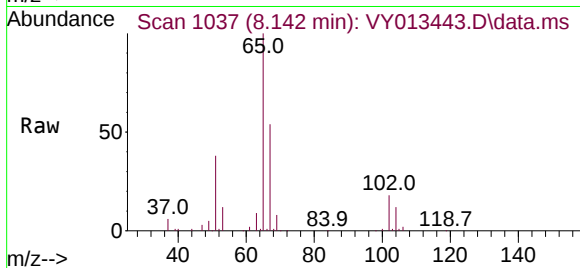
SPC-3WC-23-04-17

Tgt Ion: 65 Resp: 64461

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013443.D

Acq: 25 Apr 2023 13:56

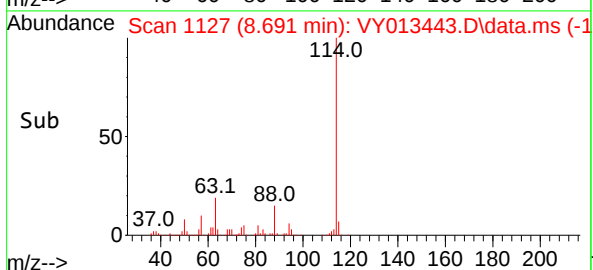
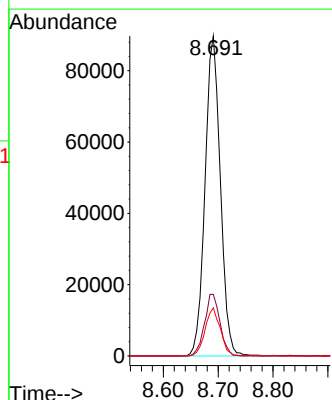
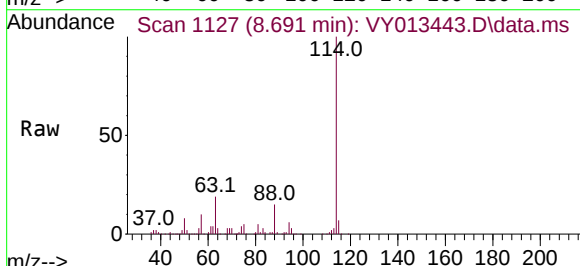
Tgt Ion: 114 Resp: 173637

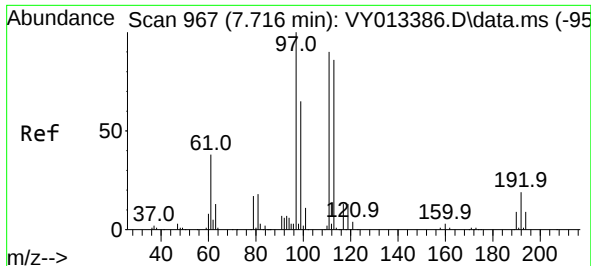
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 15.1 0.0 28.8

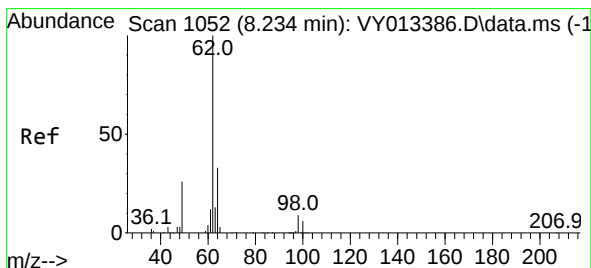
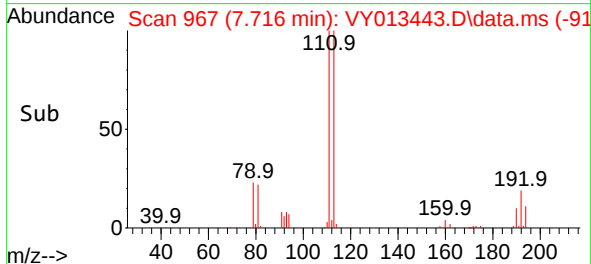
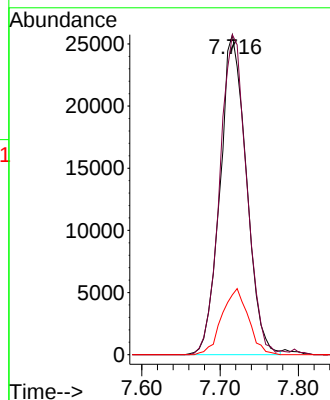
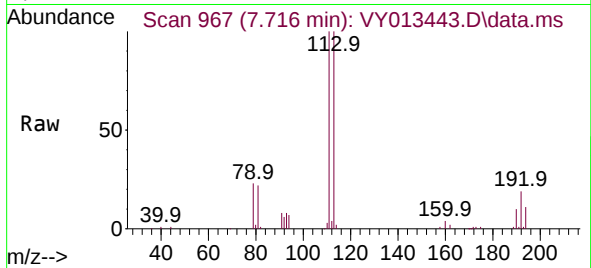




#35
Dibromofluoromethane
Concen: 55.229 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

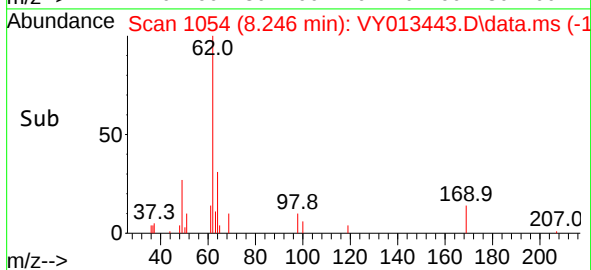
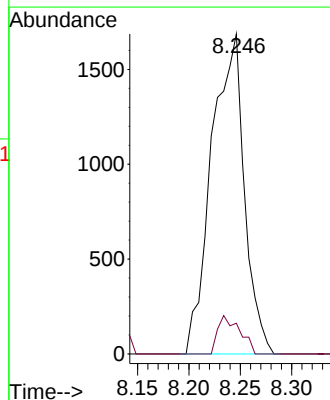
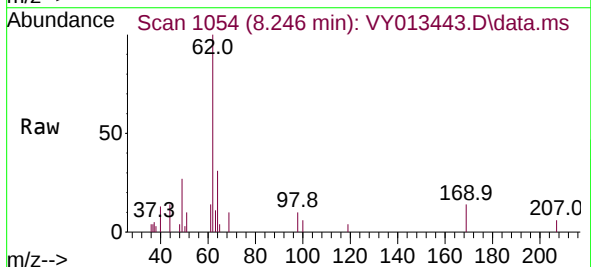
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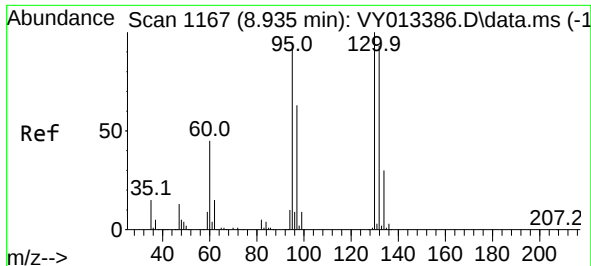
Tgt Ion:113 Resp: 60315
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.7 16.7 25.1



#42
1,2-Dichloroethane
Concen: 2.239 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

Tgt Ion: 62 Resp: 3737
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8

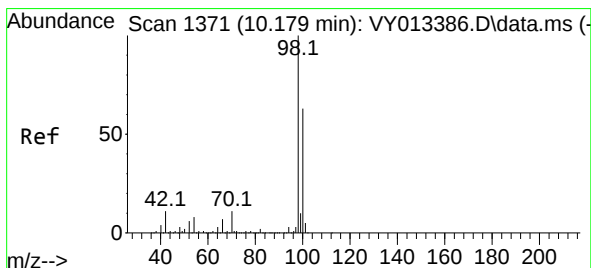
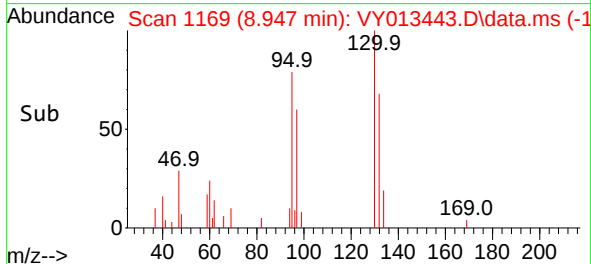
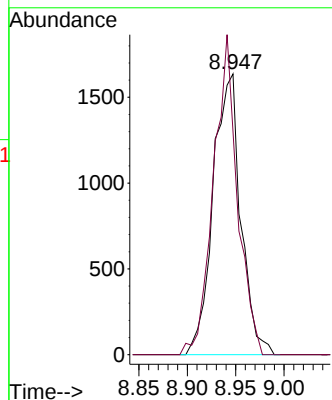
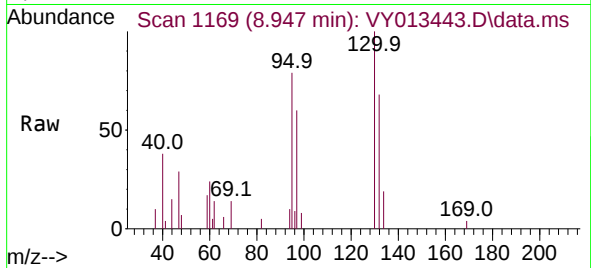




#44
 Trichloroethene
 Concen: 2.402 ug/l
 RT: 8.947 min Scan# 1169
 Delta R.T. 0.012 min
 Lab File: VY013443.D
 Acq: 25 Apr 2023 13:56

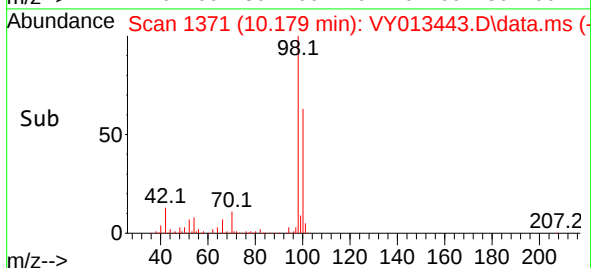
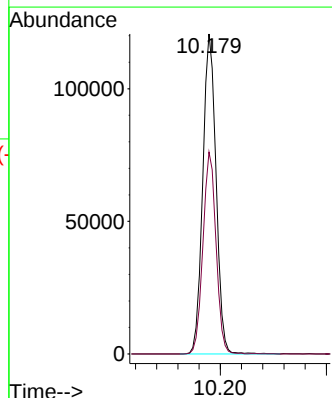
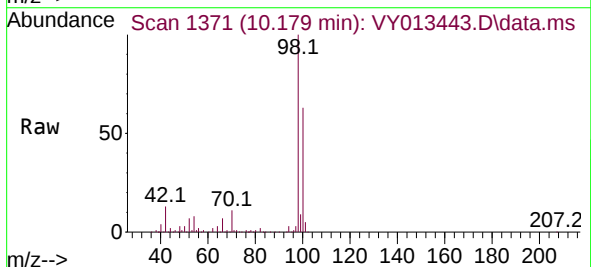
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-3WC-23-04-17

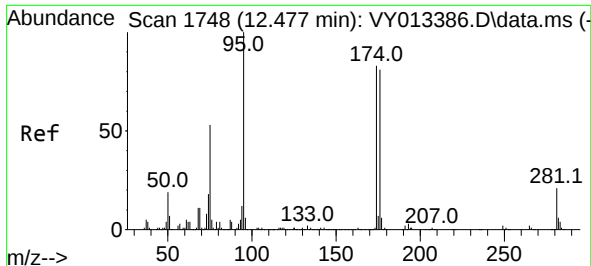
Tgt Ion:130 Resp: 3262
 Ion Ratio Lower Upper
 130 100
 95 79.5 0.0 188.8



#50
 Toluene-d8
 Concen: 53.993 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013443.D
 Acq: 25 Apr 2023 13:56

Tgt Ion: 98 Resp: 209765
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.5 75.7

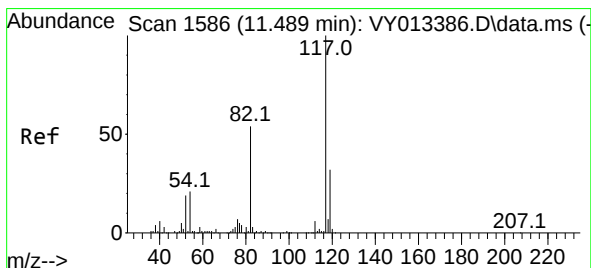
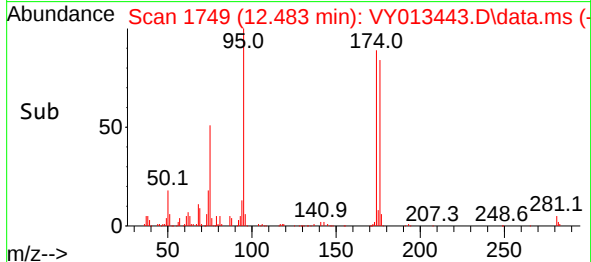
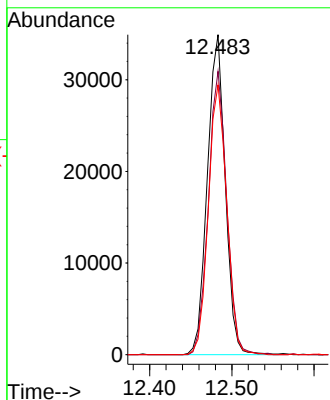
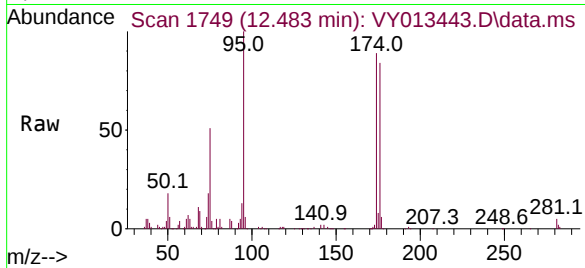




#62
4-Bromofluorobenzene
Concen: 40.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

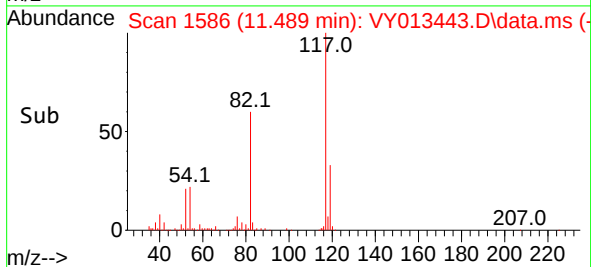
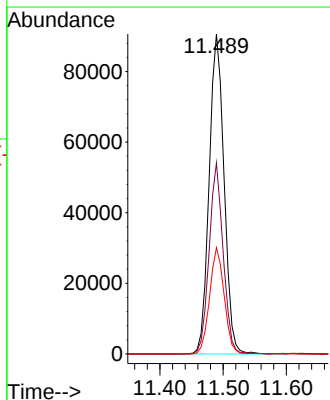
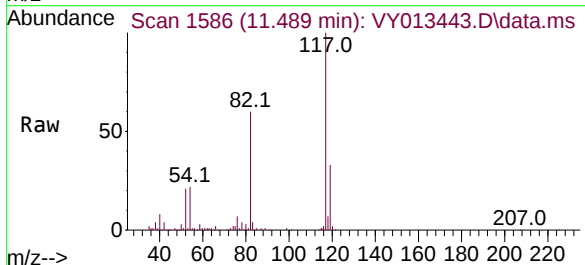
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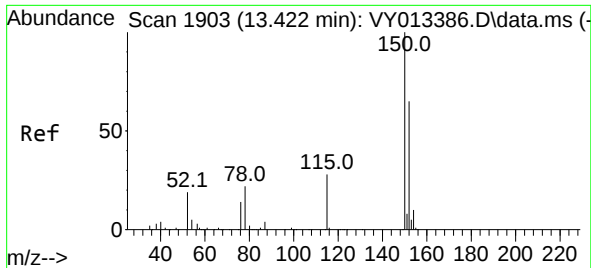
Tgt Ion: 95 Resp: 52915
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 86.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013443.D
Acq: 25 Apr 2023 13:56

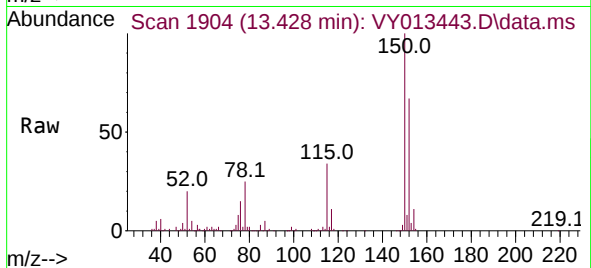
Tgt Ion: 117 Resp: 148191
Ion Ratio Lower Upper
117 100
82 59.7 43.0 64.6
119 33.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013443.D
 Acq: 25 Apr 2023 13:56

Instrument :
 MSVOA_Y
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 SPC-3WC-23-04-17



Tgt Ion:152 Resp: 53761
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.1 84.2
 150 158.2 0.0 352.0

