

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012272.D
 Acq On : 19 Jan 2023 17:44
 Operator : KP/MD
 Sample : 01190-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Jan 20 03:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

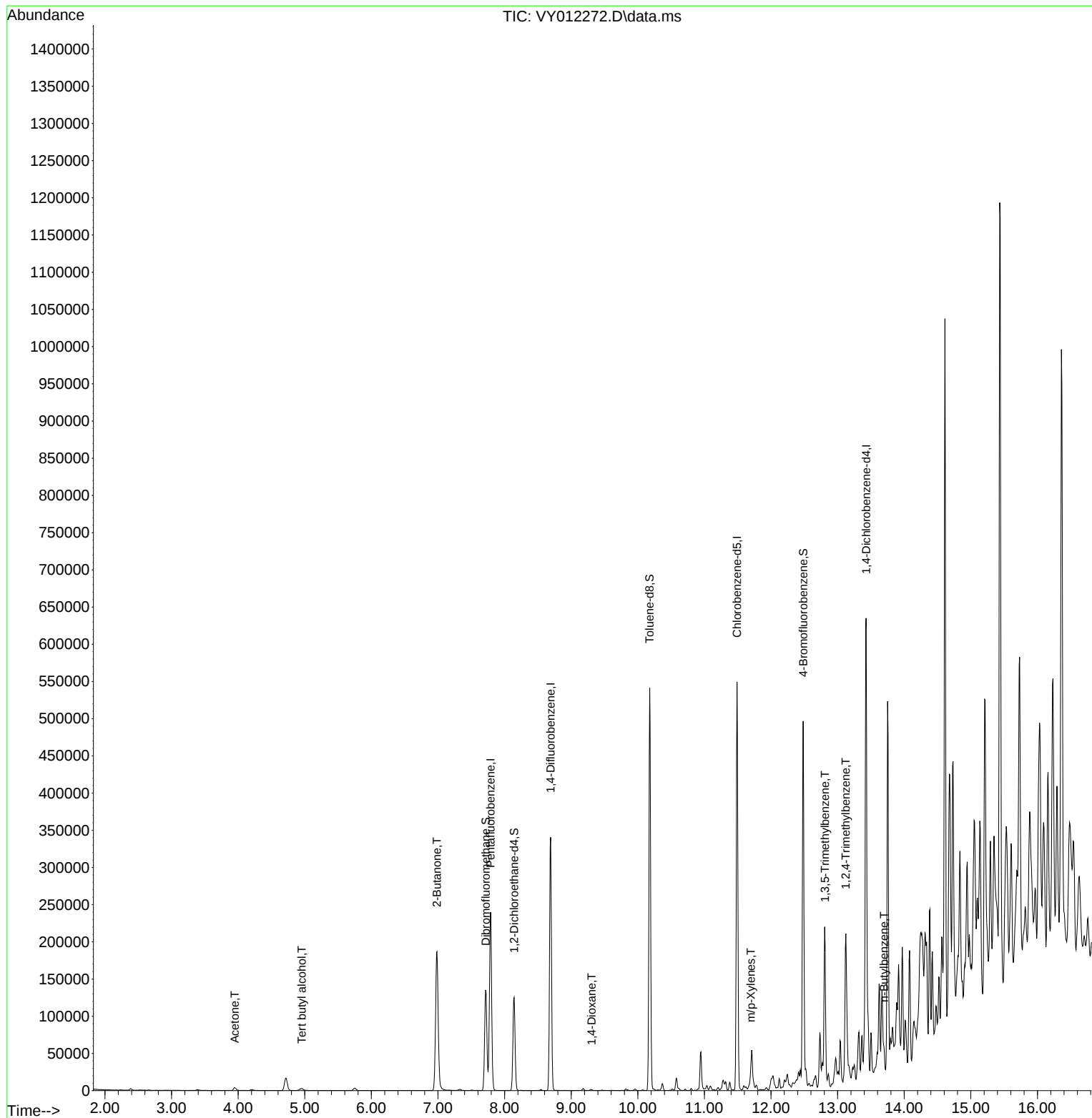
Internal Standards						
1) Pentafluorobenzene	7.789	168	192805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106335	67.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.900%			
35) Dibromofluoromethane	7.716	113	93650	56.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.980%			
50) Toluene-d8	10.179	98	365809	65.604	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.200%			
62) 4-Bromofluorobenzene	12.483	95	136451	58.907	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.820%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	6060	20.658	ug/l	95
16) Acetone	3.948	43	7035	13.104	ug/l	92
25) 2-Butanone	6.984	43	272042	458.985	ug/l #	87
49) 1,4-Dioxane	9.307	88	1540	100.377	ug/l #	86
68) m/p-Xylenes	11.697	106	6050	1.356	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	24447	2.482	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	123524	12.719	ug/l	85
89) n-Butylbenzene	13.696	91	14730	1.592	ug/l #	75

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
Data File : VY012272.D
Acq On : 19 Jan 2023 17:44
Operator : KP/MD
Sample : 01190-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Quant Time: Jan 20 03:25:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

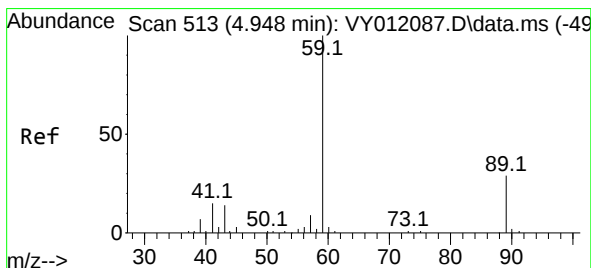
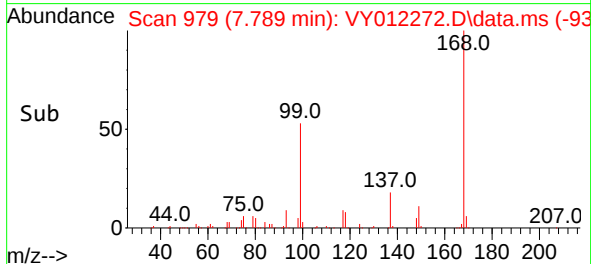
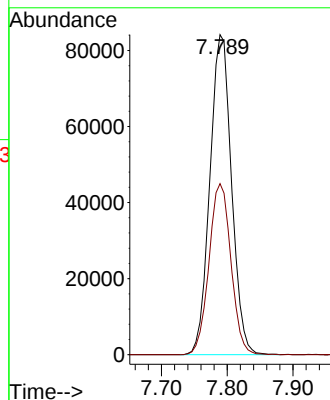
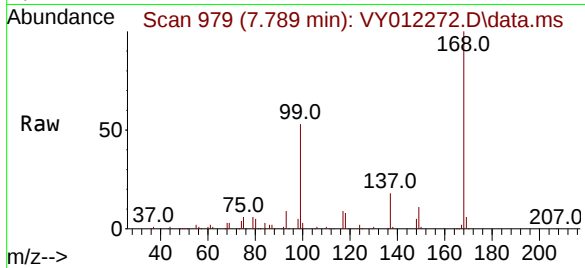




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

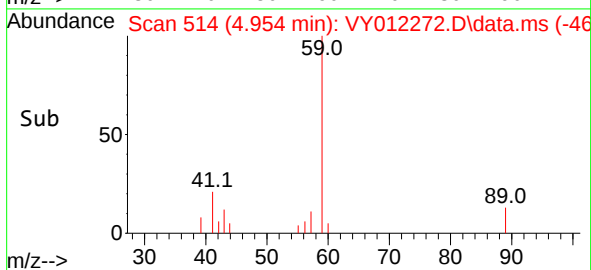
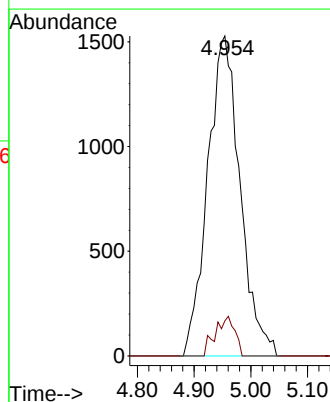
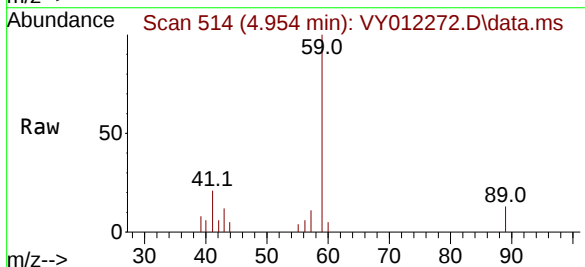
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

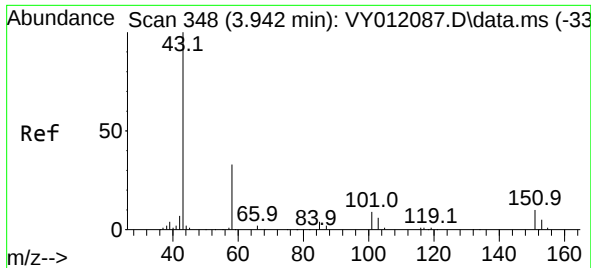
Tgt Ion:168 Resp: 192805
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#11
Tert butyl alcohol
Concen: 20.658 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

Tgt Ion: 59 Resp: 6060
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.2





#16

Acetone

Concen: 13.104 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

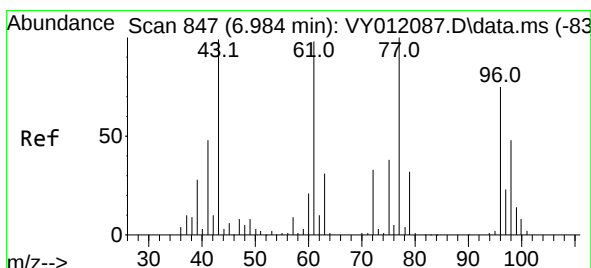
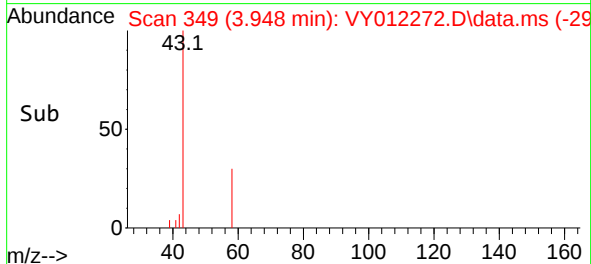
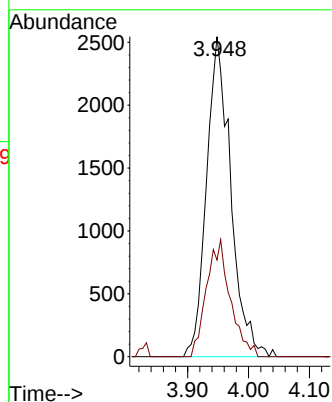
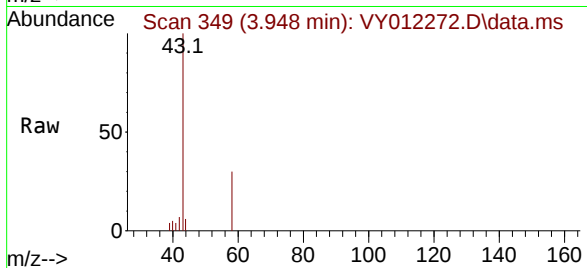
PE-3

Tgt Ion: 43 Resp: 7035

Ion Ratio Lower Upper

43 100

58 30.2 27.9 41.9



#25

2-Butanone

Concen: 458.985 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012272.D

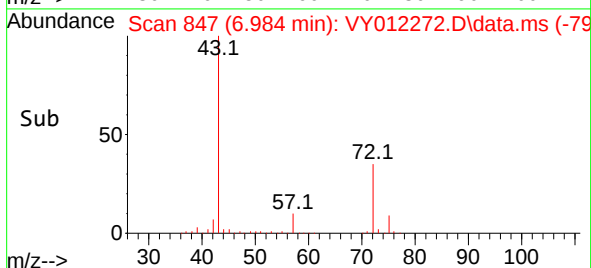
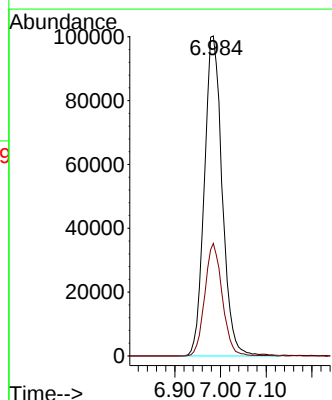
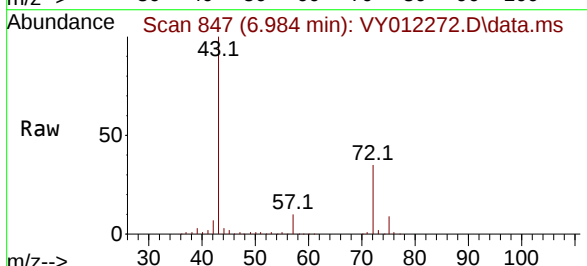
Acq: 19 Jan 2023 17:44

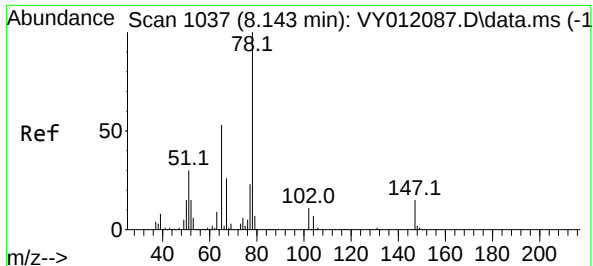
Tgt Ion: 43 Resp: 272042

Ion Ratio Lower Upper

43 100

72 35.2 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 67.948 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

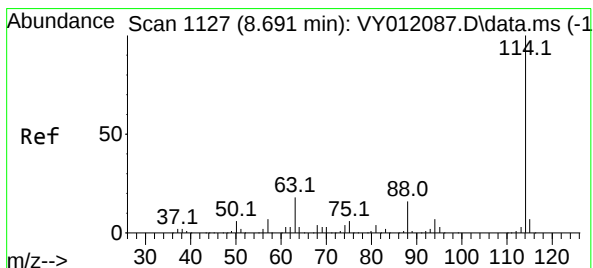
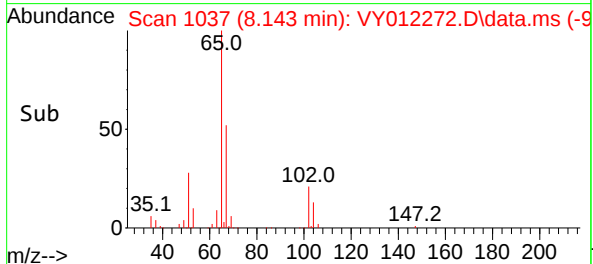
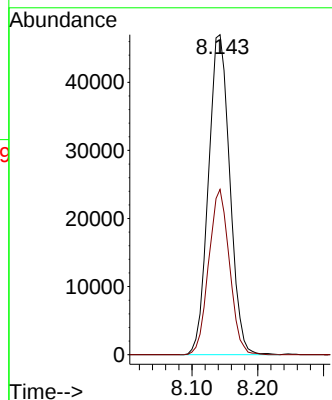
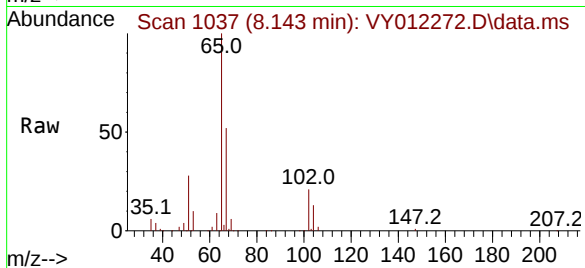
PE-3

Tgt Ion: 65 Resp: 106335

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

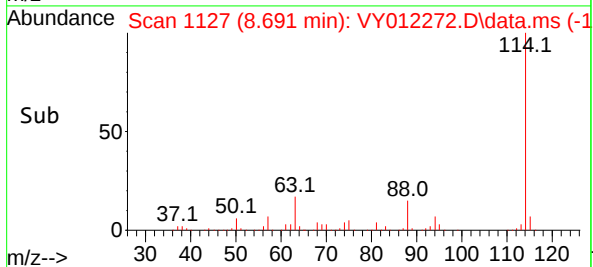
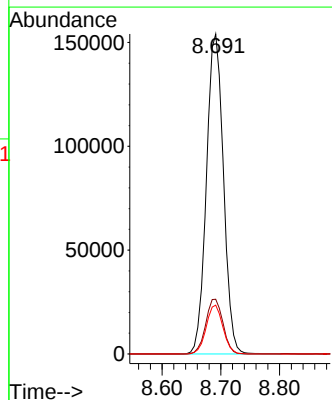
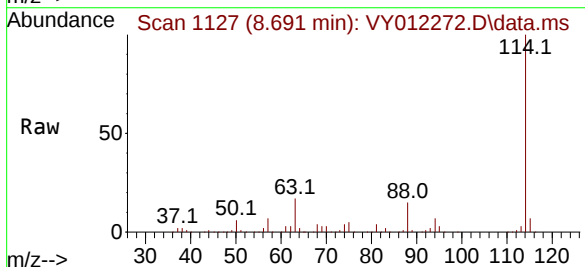
Tgt Ion: 114 Resp: 310327

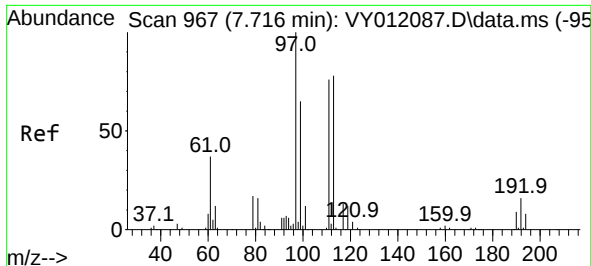
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.3 0.0 32.2

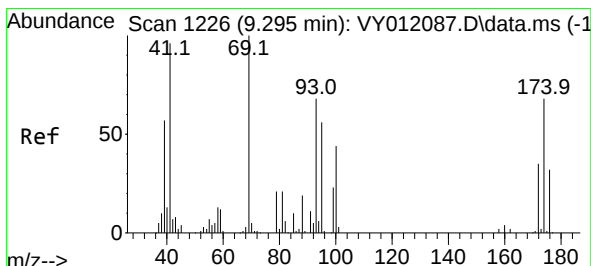
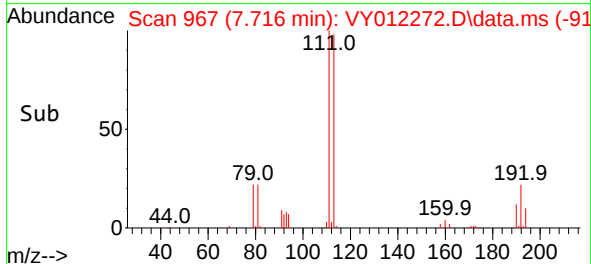
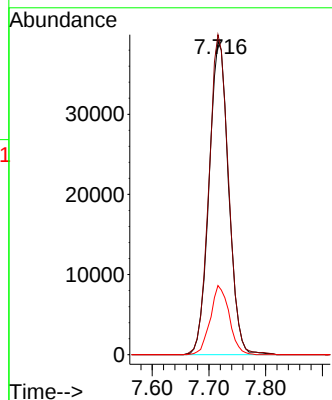
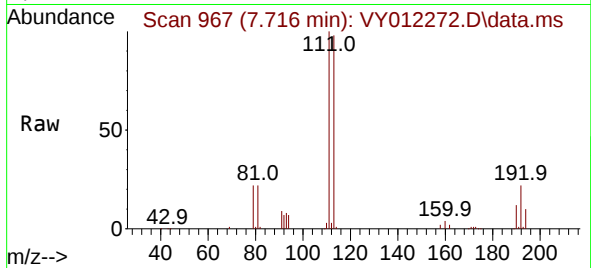




#35
Dibromofluoromethane
Concen: 56.993 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

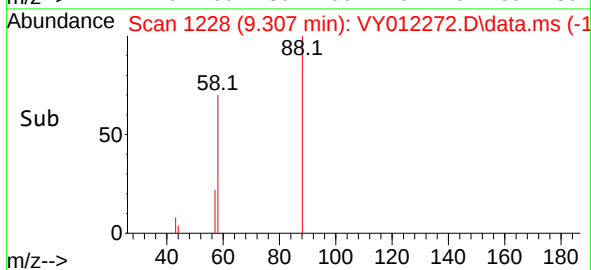
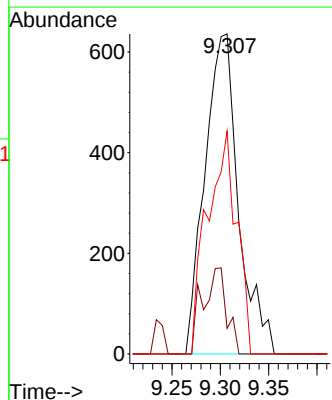
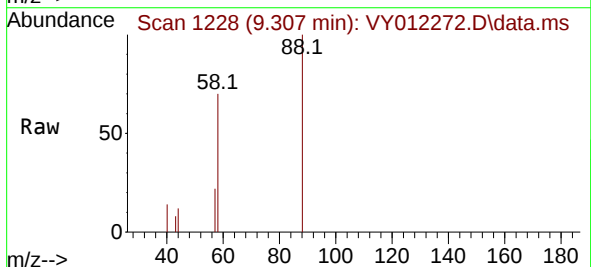
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

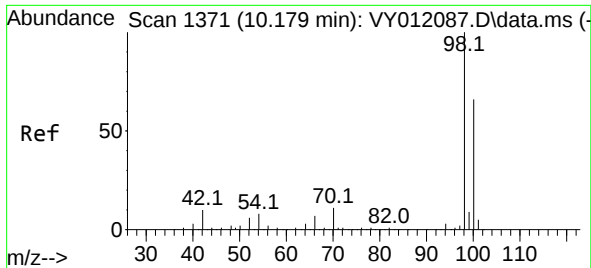
Tgt Ion:113 Resp: 93650
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 21.3 16.0 24.0



#49
1,4-Dioxane
Concen: 100.377 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

Tgt Ion: 88 Resp: 1540
Ion Ratio Lower Upper
88 100
43 19.0 26.2 39.2#
58 60.6 54.3 81.5

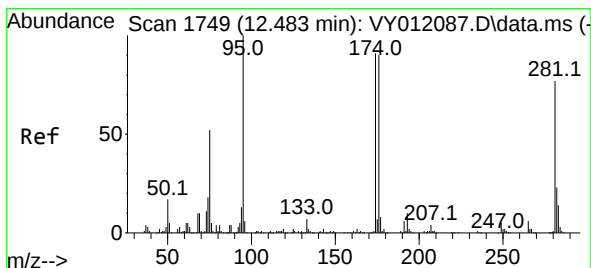
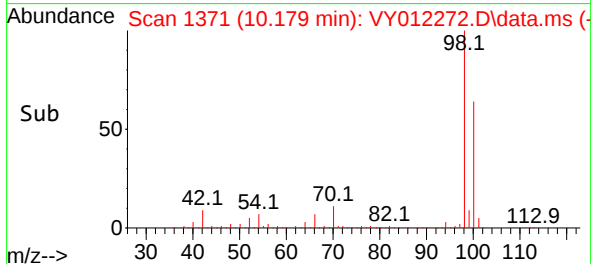
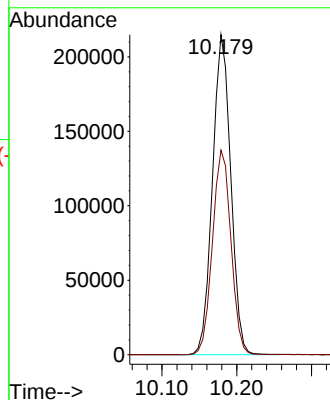
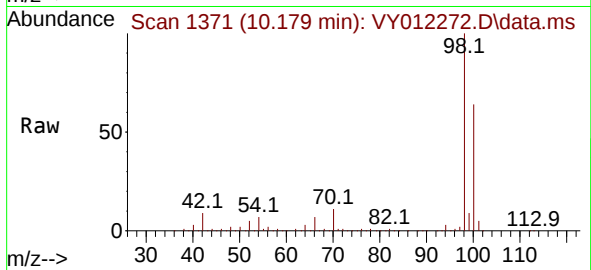




#50
Toluene-d8
Concen: 65.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

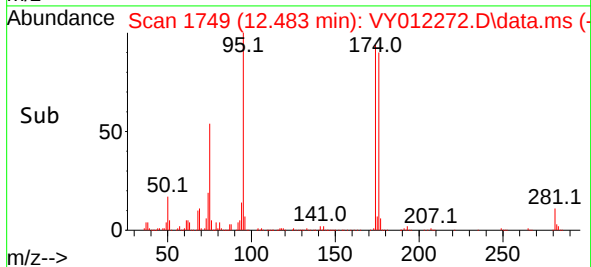
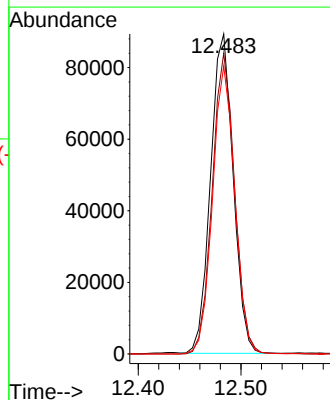
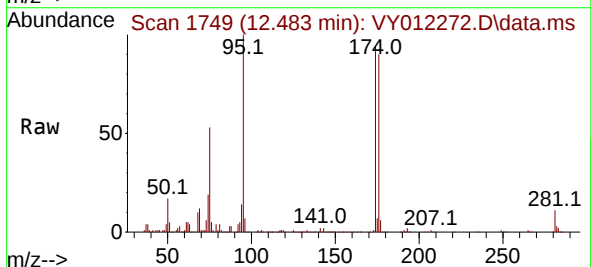
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

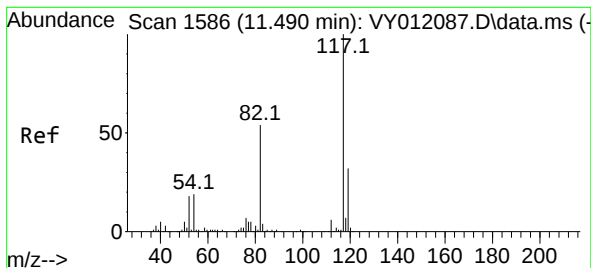
Tgt Ion: 98 Resp: 365809
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 58.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012272.D
Acq: 19 Jan 2023 17:44

Tgt Ion: 95 Resp: 136451
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

PE-3

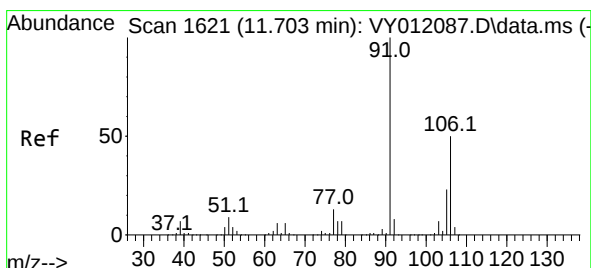
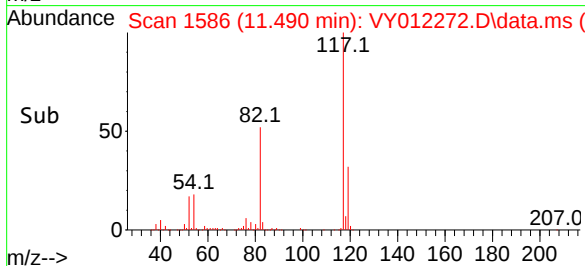
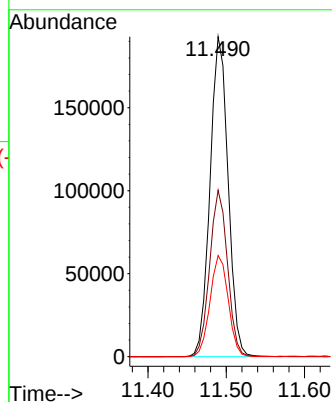
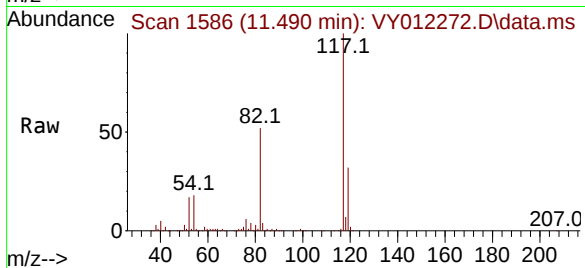
Tgt Ion:117 Resp: 308546

Ion Ratio Lower Upper

117 100

82 52.0 44.8 67.2

119 31.6 25.4 38.2



#68

m/p-Xylenes

Concen: 1.356 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012272.D

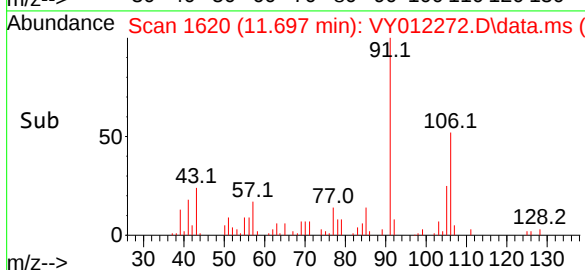
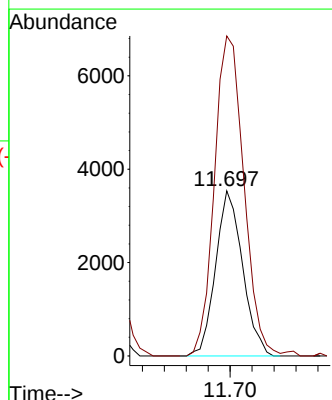
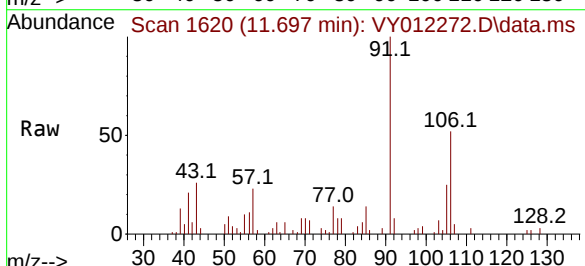
Acq: 19 Jan 2023 17:44

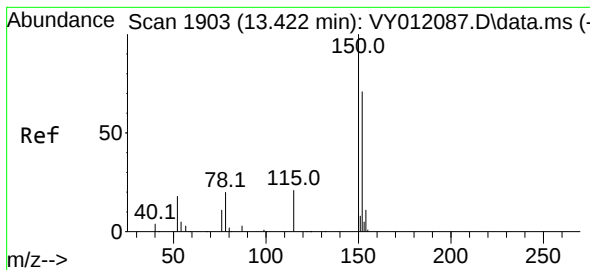
Tgt Ion:106 Resp: 6050

Ion Ratio Lower Upper

106 100

91 212.1 162.5 243.7



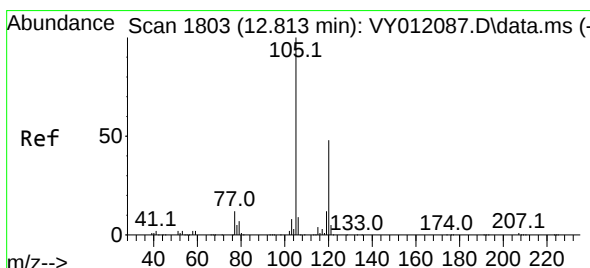
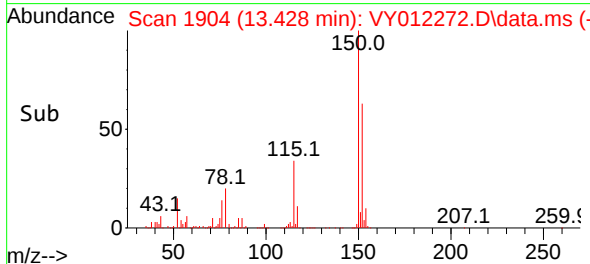
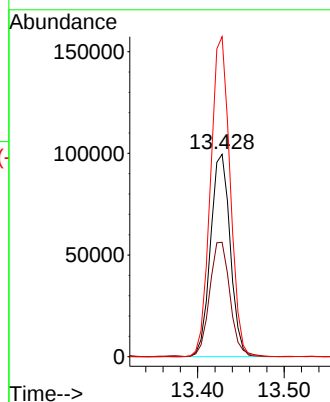
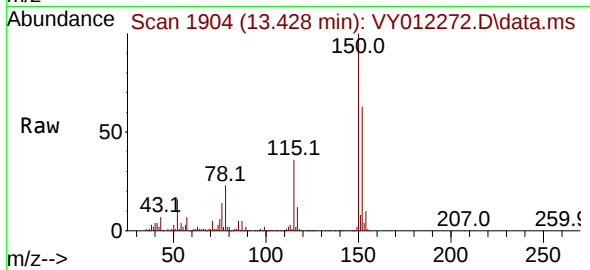


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012272.D
 Acq: 19 Jan 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Tgt Ion:152 Resp: 157105

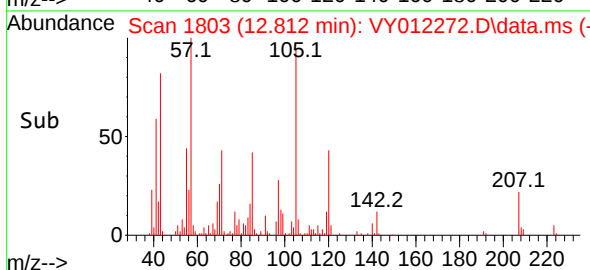
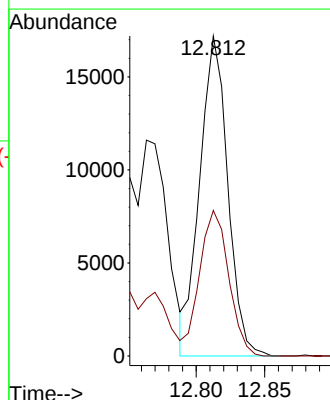
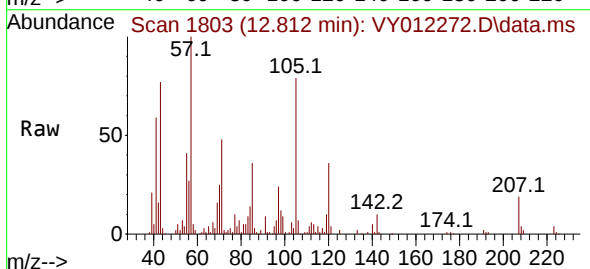
Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.3
150	157.0	0.0	342.6

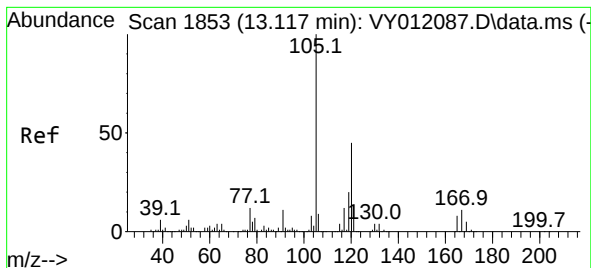


#80
 1,3,5-Trimethylbenzene
 Concen: 2.482 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.001 min
 Lab File: VY012272.D
 Acq: 19 Jan 2023 17:44

Tgt Ion:105 Resp: 24447

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.2	72.6





#84

1,2,4-Trimethylbenzene

Concen: 12.719 ug/l

RT: 13.123 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

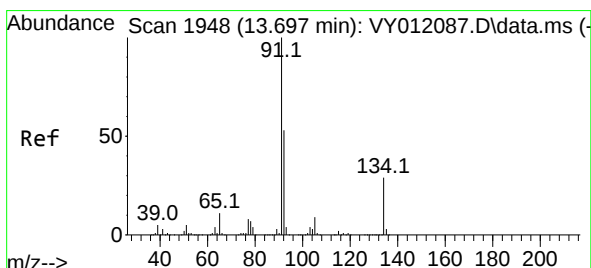
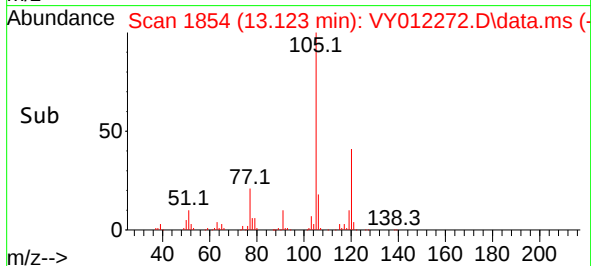
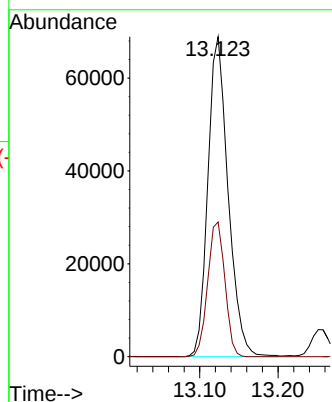
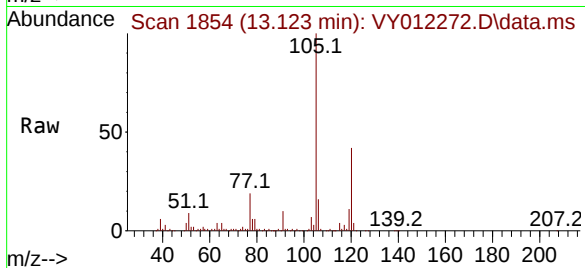
PE-3

Tgt Ion:105 Resp: 123524

Ion Ratio Lower Upper

105 100

120 35.7 22.9 68.7



#89

n-Butylbenzene

Concen: 1.592 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012272.D

Acq: 19 Jan 2023 17:44

Tgt Ion: 91 Resp: 14730

Ion Ratio Lower Upper

91 100

92 61.9 26.8 80.4

134 0.0 13.3 39.8#

