

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015805.D
 Acq On : 03 Oct 2023 14:57
 Operator : SY/MD
 Sample : 04685-04
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B4A-13-15

Quant Time: Oct 04 01:11:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

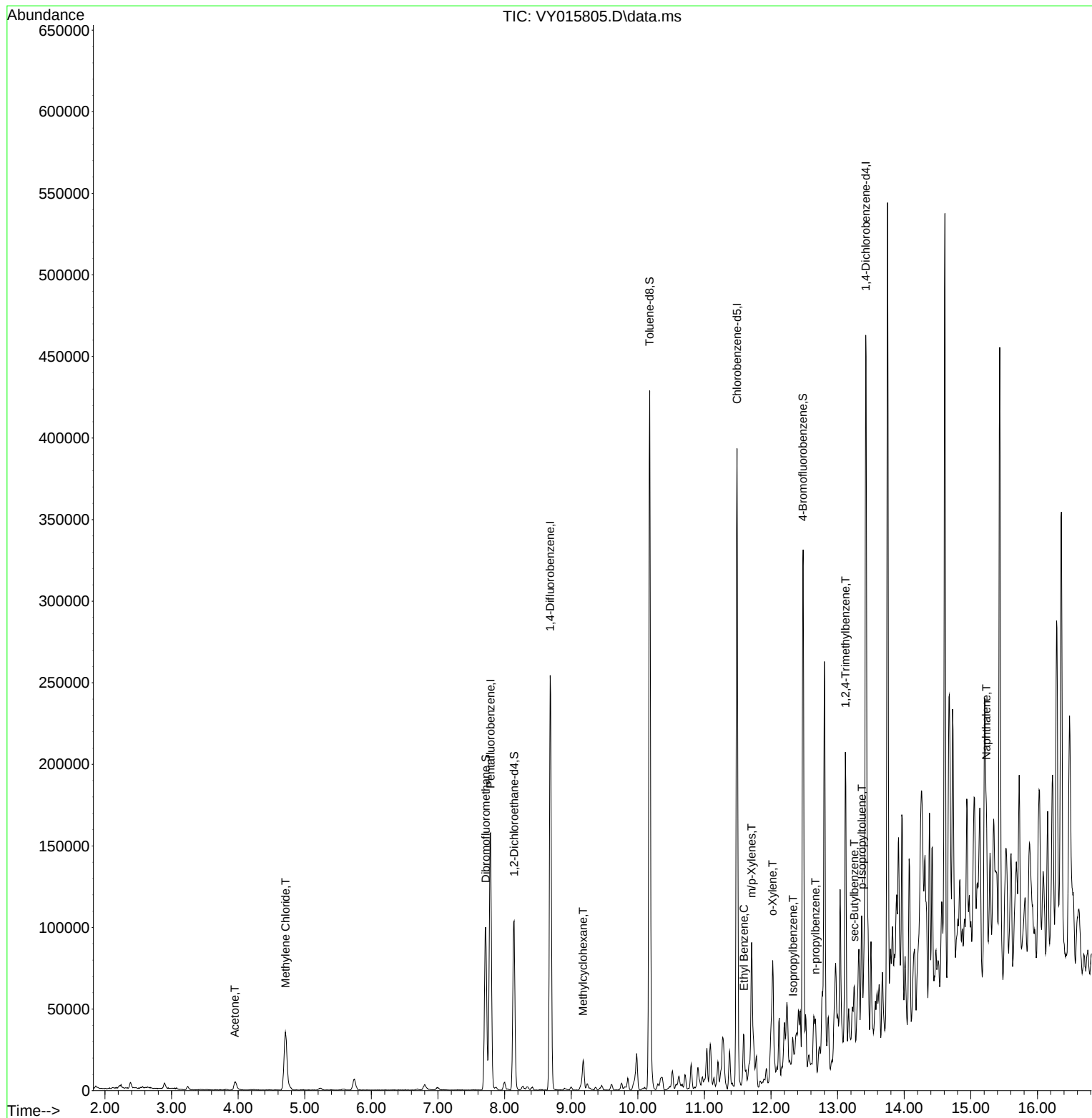
Internal Standards						
1) Pentafluorobenzene	7.789	168	121460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81728	61.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.320%	
35) Dibromofluoromethane	7.716	113	71599	54.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.320%	
50) Toluene-d8	10.179	98	266691	60.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.080%	
62) 4-Bromofluorobenzene	12.477	95	94659	54.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10074	14.086	ug/l #	86
20) Methylene Chloride	4.710	84	27074	13.780	ug/l	92
39) Methylcyclohexane	9.179	83	7021	3.277	ug/l	92
67) Ethyl Benzene	11.593	91	20216	2.521	ug/l	99
68) m/p-Xylenes	11.709	106	8706	2.857	ug/l	99
69) o-Xylene	12.026	106	16214	5.426	ug/l	96
73) Isopropylbenzene	12.331	105	11204	1.484	ug/l	99
78) n-propylbenzene	12.666	91	23754	2.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	93382	14.766	ug/l	98
85) sec-Butylbenzene	13.251	105	17448	2.106	ug/l	91
86) p-Isopropyltoluene	13.367	119	9370	1.354	ug/l	99
95) Naphthalene	15.233	128	59462	10.673	ug/l	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015805.D
Acq On : 03 Oct 2023 14:57
Operator : SY/MD
Sample : 04685-04
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

Quant Time: Oct 04 01:11:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

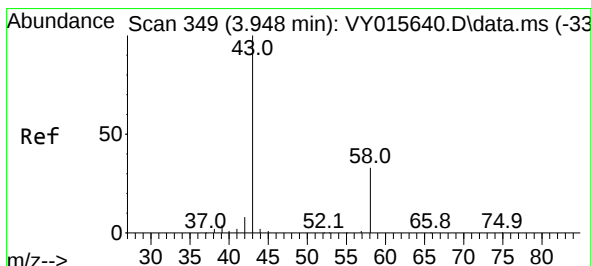
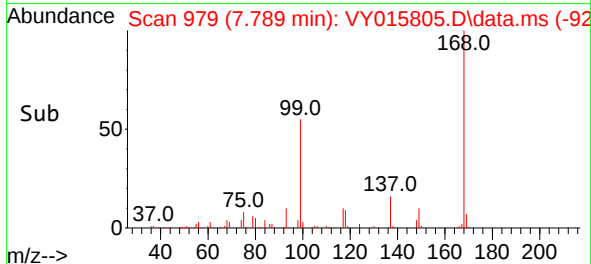
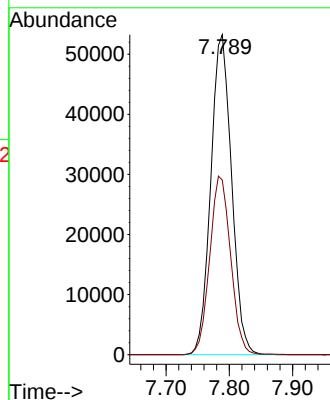
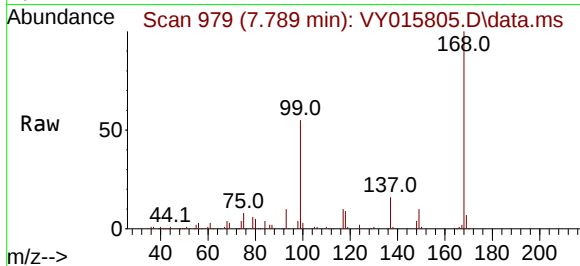




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

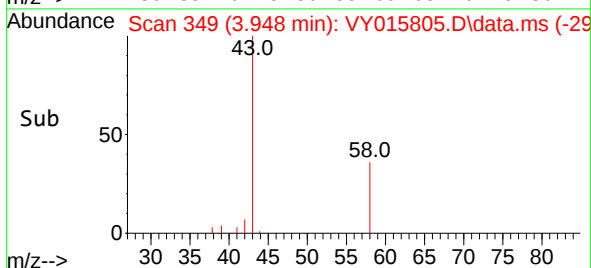
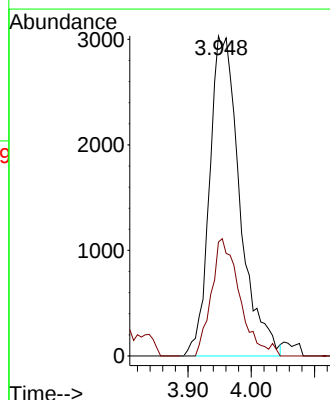
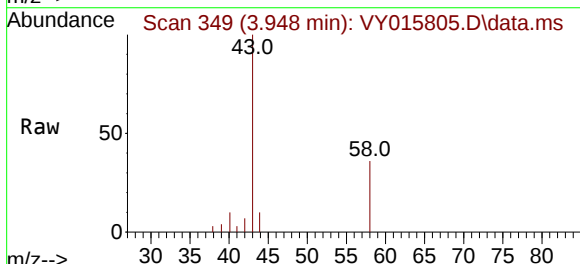
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

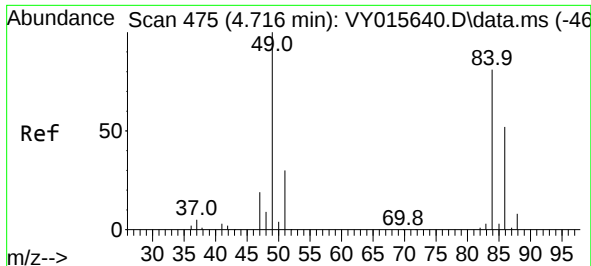
Tgt Ion:168 Resp: 121460
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 14.086 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion: 43 Resp: 10074
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#

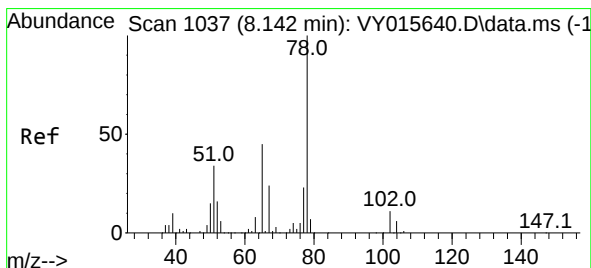
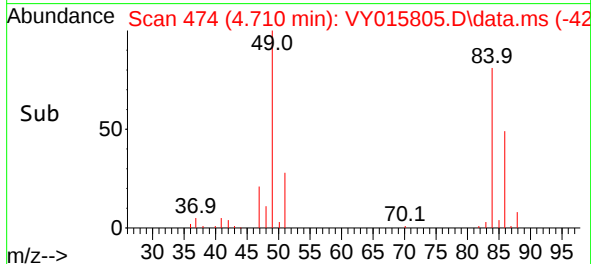
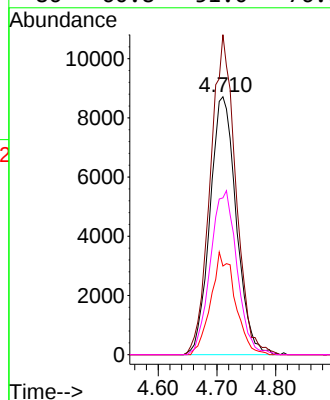
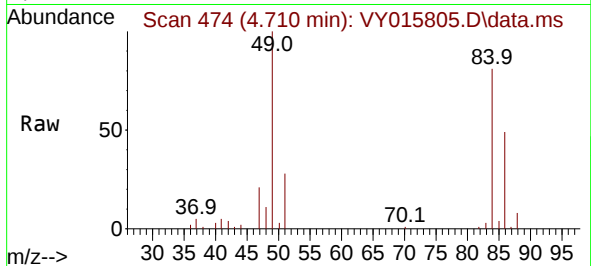




#20
Methylene Chloride
Concen: 13.780 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

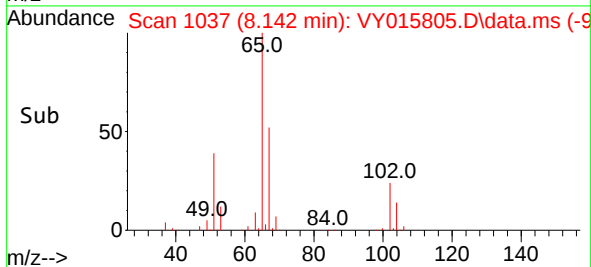
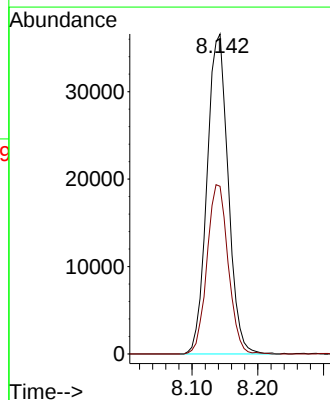
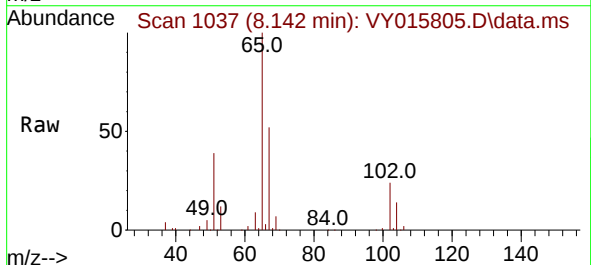
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

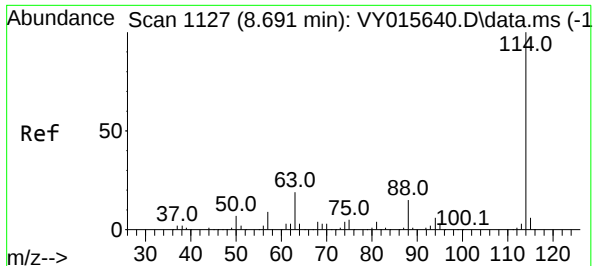
Tgt Ion:	84	Resp:	27074
Ion	Ratio	Lower	Upper
84	100		
49	124.1	106.9	160.3
51	34.4	33.2	49.8
86	60.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 61.155 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:	65	Resp:	81728
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.8

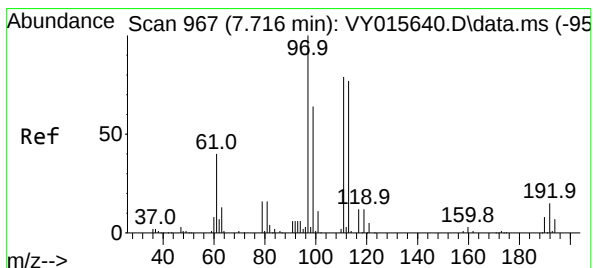
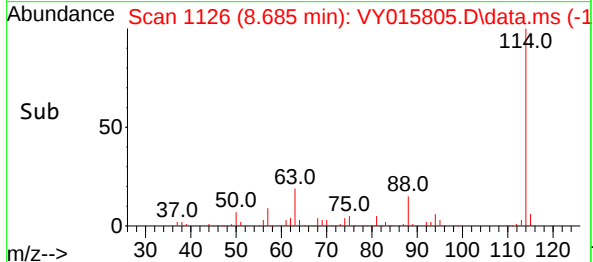
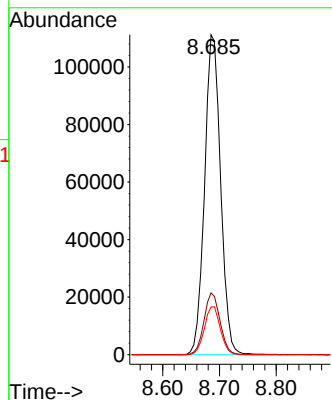
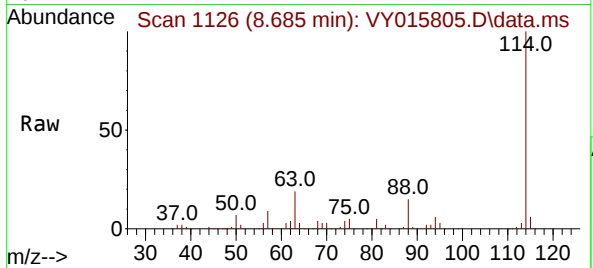




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

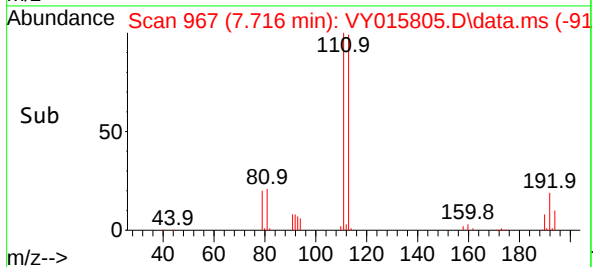
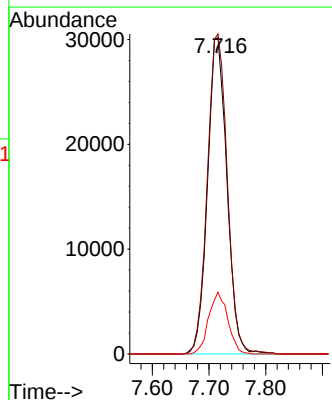
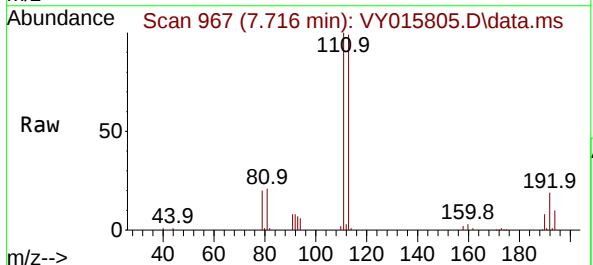
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

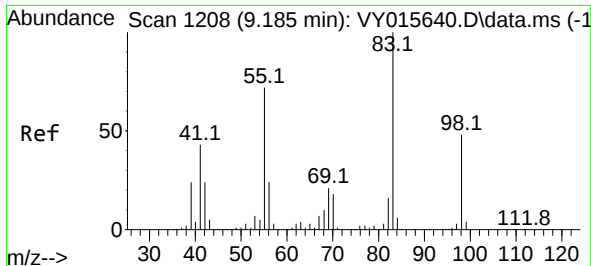
Tgt Ion:114 Resp: 218860
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.658 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:113 Resp: 71599
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 19.3 16.9 25.3





#39

Methylcyclohexane

Concen: 3.277 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY015805.D

Acq: 03 Oct 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

PP-20230928-B4A-13-15

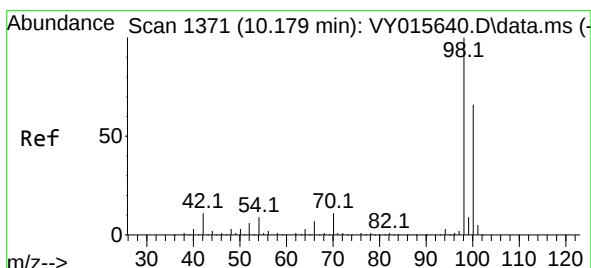
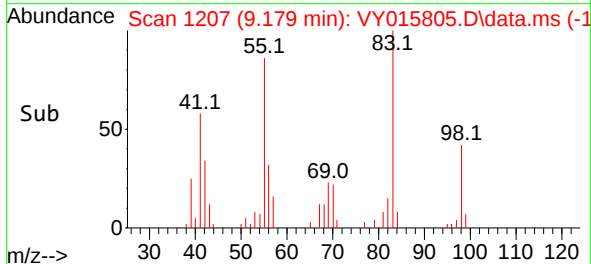
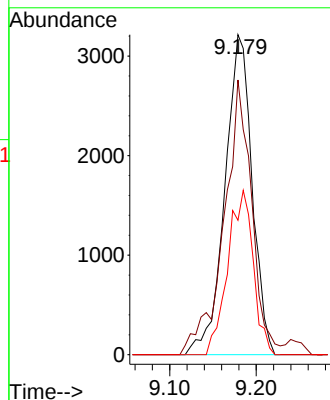
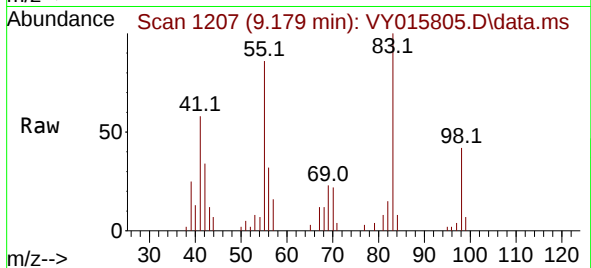
Tgt Ion: 83 Resp: 7021

Ion Ratio Lower Upper

83 100

55 85.8 63.0 94.4

98 42.0 37.4 56.2



#50

Toluene-d8

Concen: 60.044 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015805.D

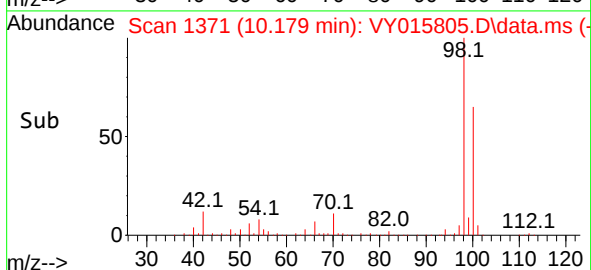
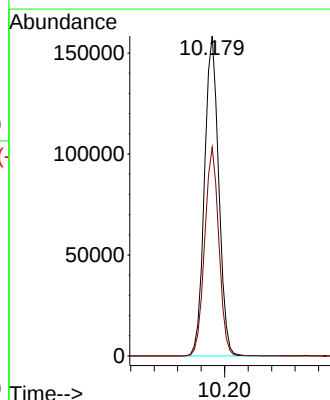
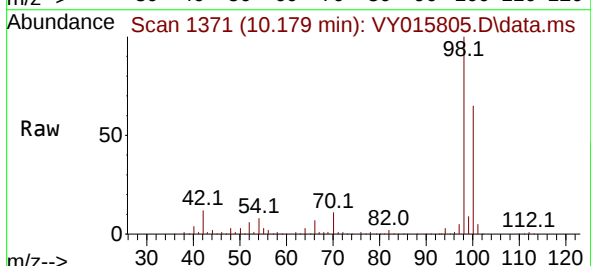
Acq: 03 Oct 2023 14:57

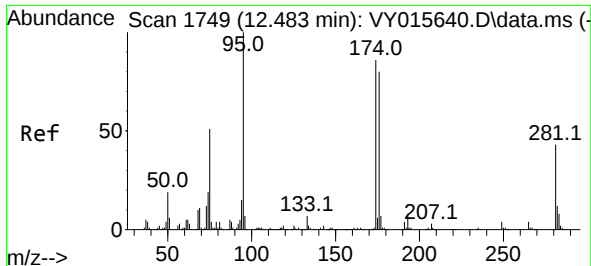
Tgt Ion: 98 Resp: 266691

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

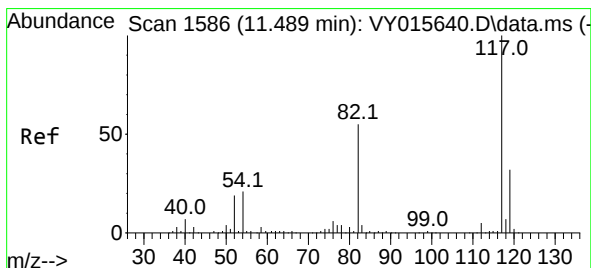
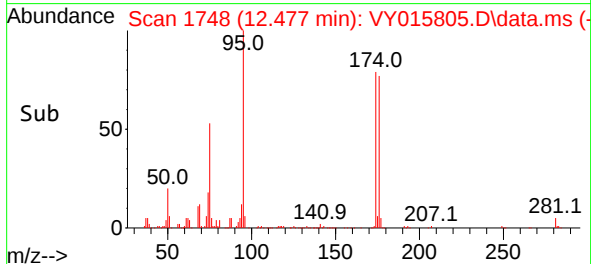
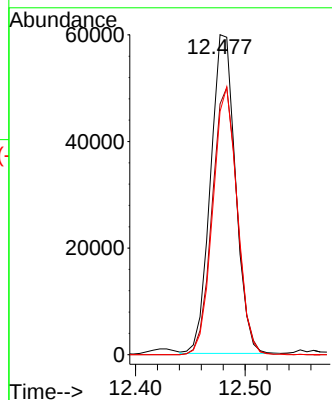
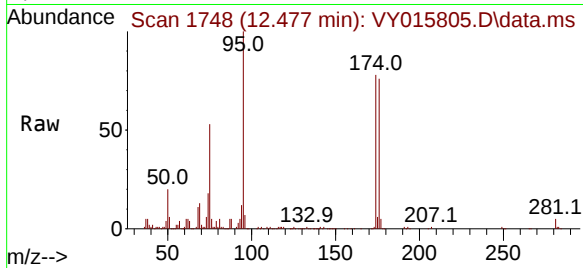




#62
4-Bromofluorobenzene
Concen: 54.307 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

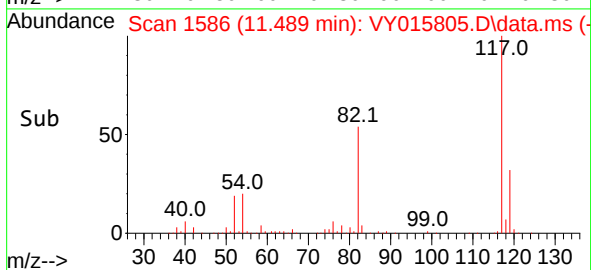
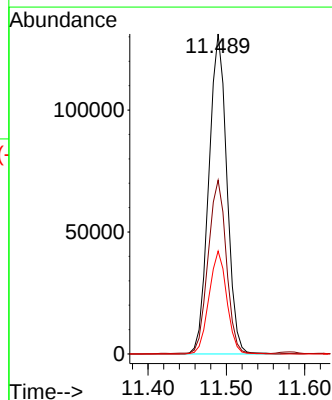
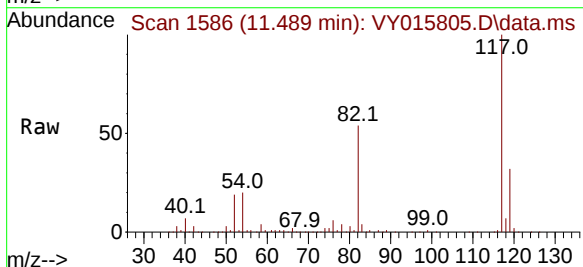
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

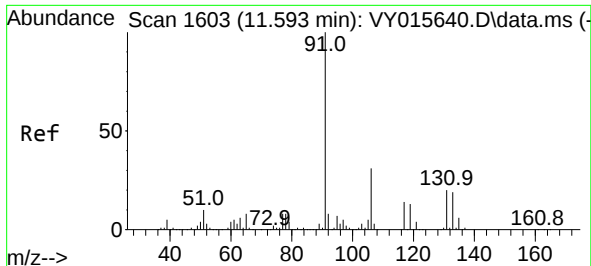
Tgt Ion:	95	Resp:	94659
Ion Ratio	Lower	Upper	
95	100		
174	84.2	0.0	178.2
176	81.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:	117	Resp:	210155
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.4	65.0
119	32.1	26.3	39.5





#67

Ethyl Benzene

Concen: 2.521 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015805.D

Acq: 03 Oct 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

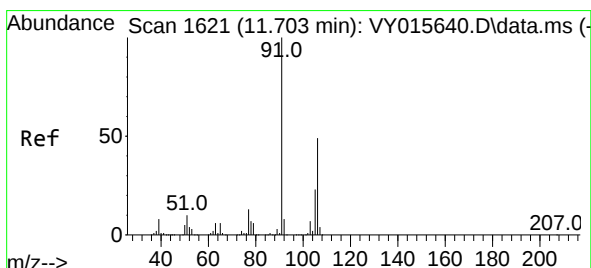
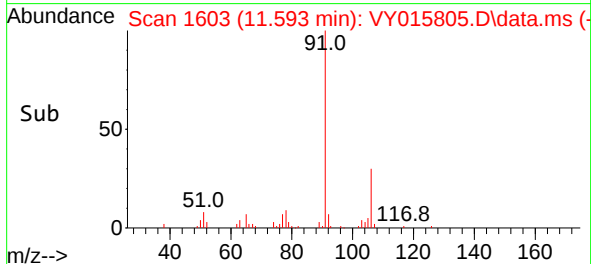
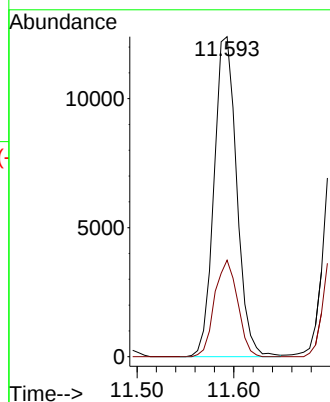
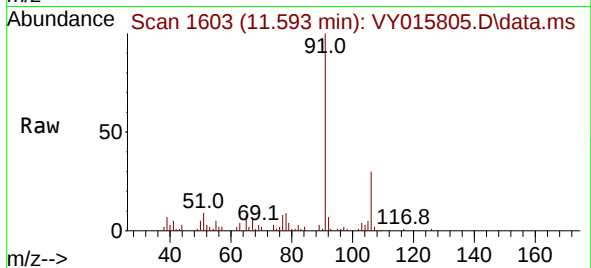
PP-20230928-B4A-13-15

Tgt Ion: 91 Resp: 20216

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 2.857 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015805.D

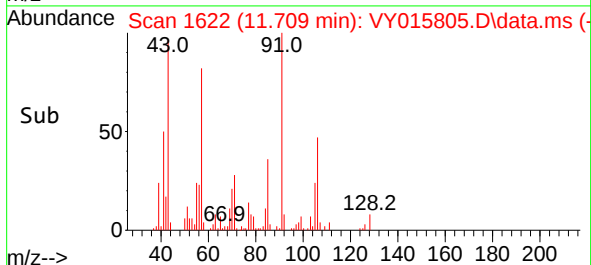
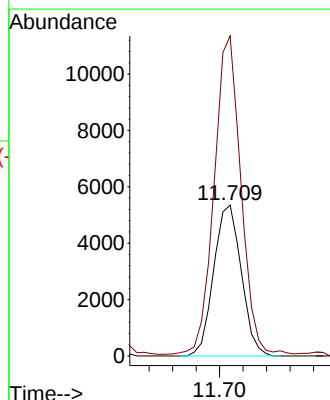
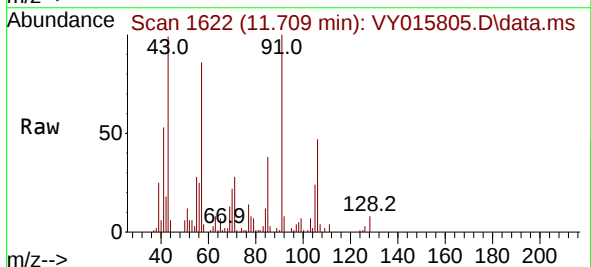
Acq: 03 Oct 2023 14:57

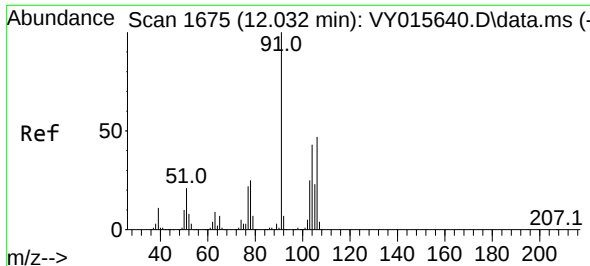
Tgt Ion: 106 Resp: 8706

Ion Ratio Lower Upper

106 100

91 205.3 166.1 249.1

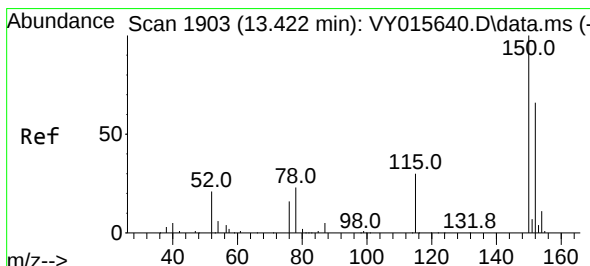
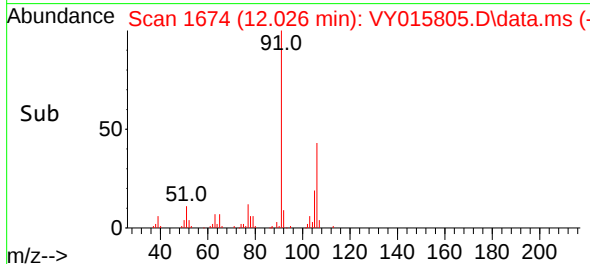
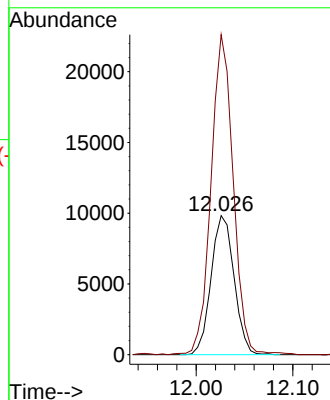
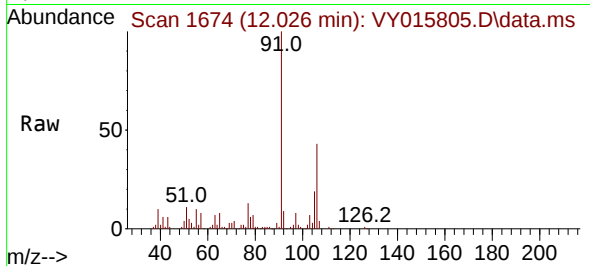




#69
o-Xylene
Concen: 5.426 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

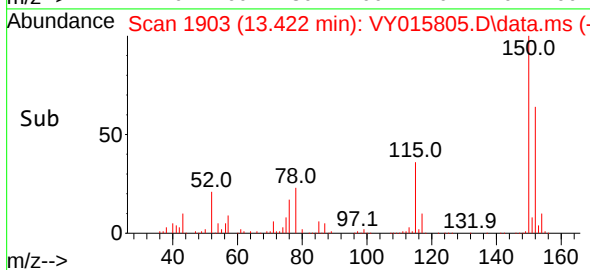
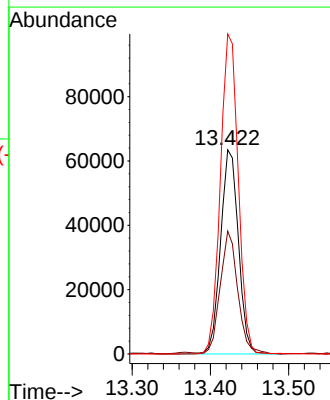
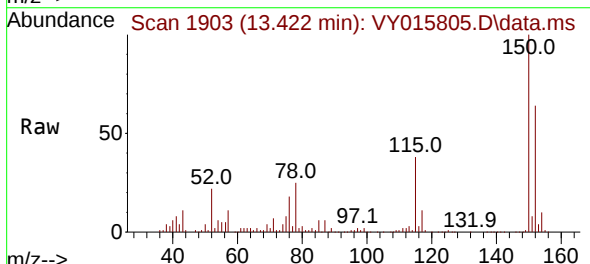
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

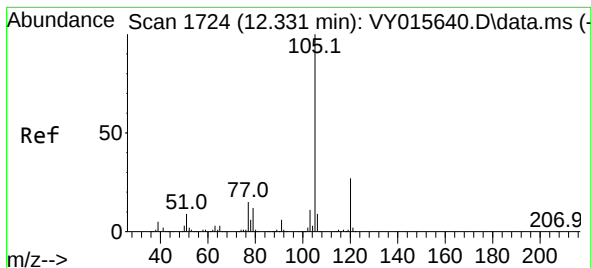
Tgt Ion:106 Resp: 16214
Ion Ratio Lower Upper
106 100
91 222.3 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:152 Resp: 100641
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 156.8 0.0 348.8





#73

Isopropylbenzene

Concen: 1.484 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015805.D

Acq: 03 Oct 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

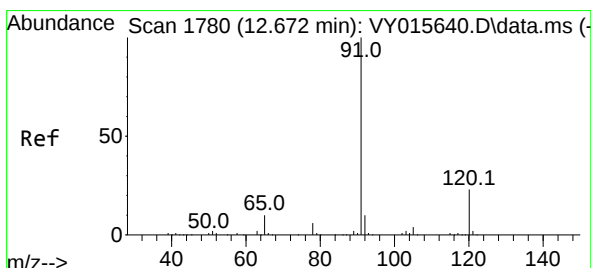
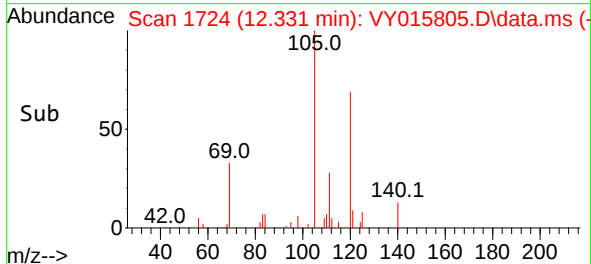
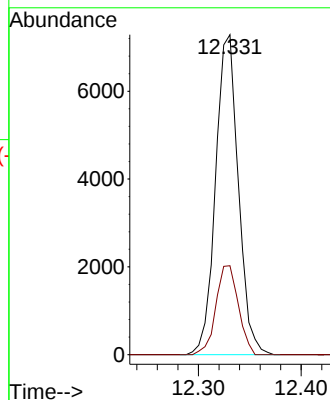
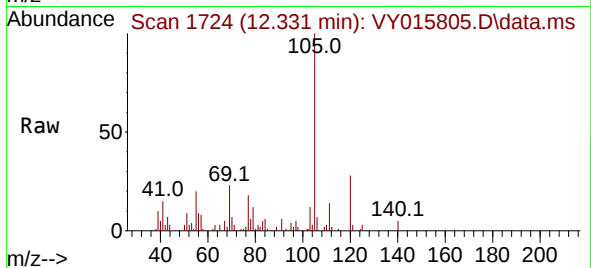
PP-20230928-B4A-13-15

Tgt Ion:105 Resp: 11204

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#78

n-propylbenzene

Concen: 2.590 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015805.D

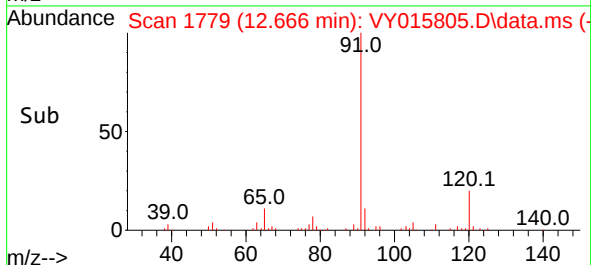
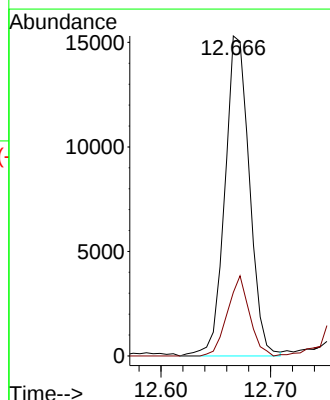
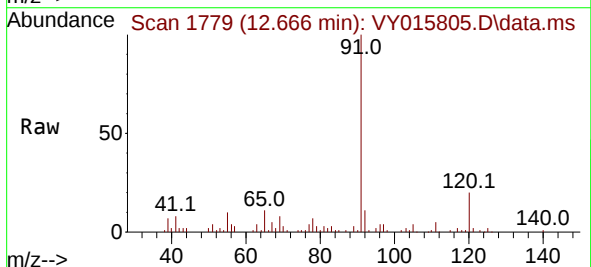
Acq: 03 Oct 2023 14:57

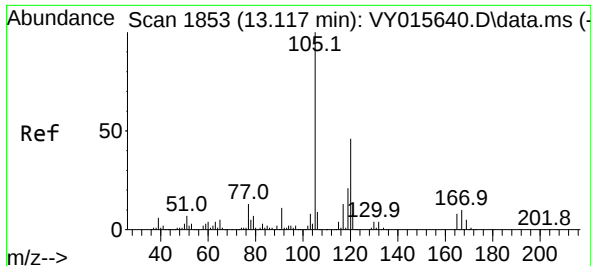
Tgt Ion: 91 Resp: 23754

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

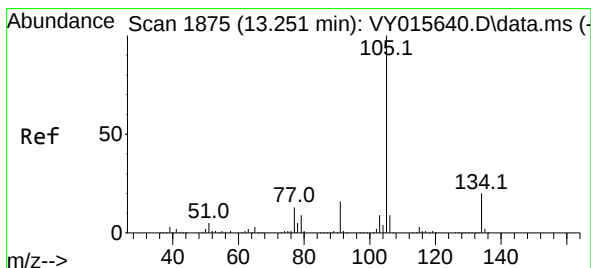
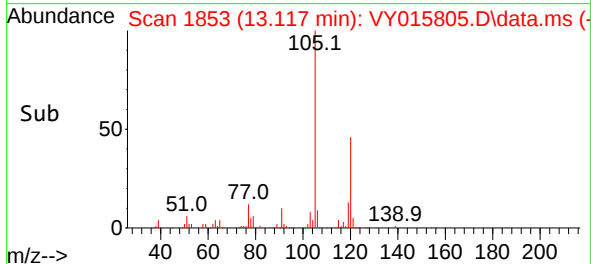
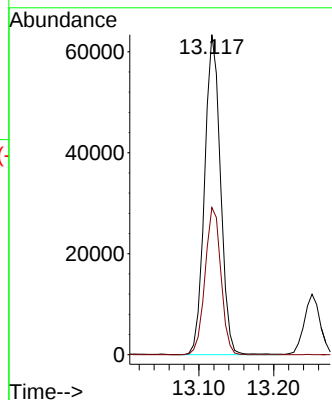
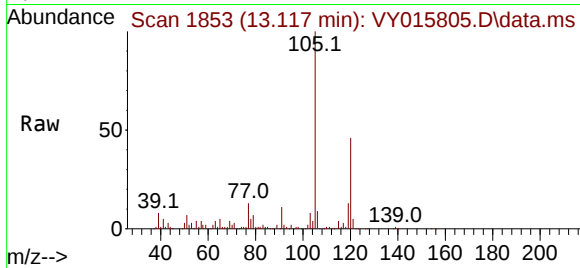




#84
1,2,4-Trimethylbenzene
Concen: 14.766 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

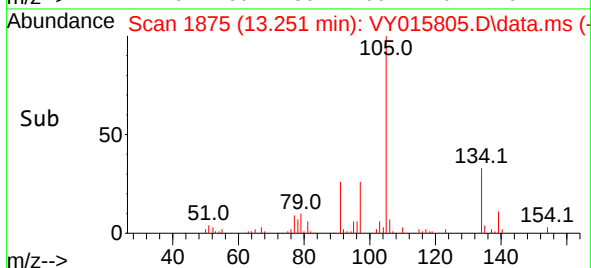
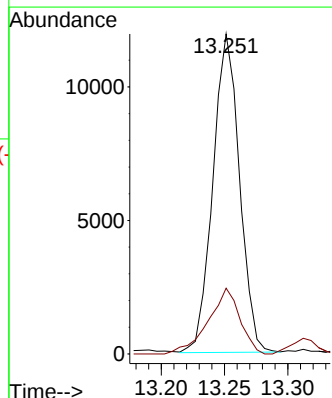
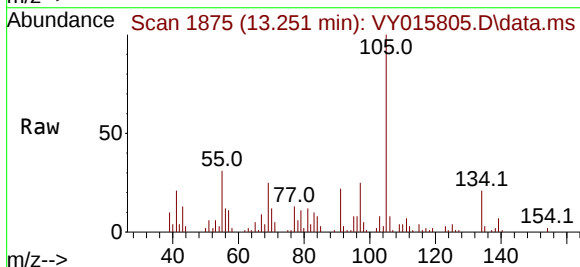
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

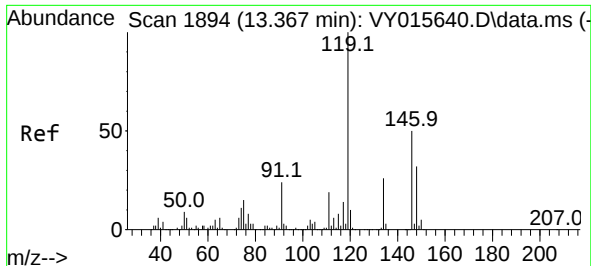
Tgt Ion:105 Resp: 93382
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6



#85
sec-Butylbenzene
Concen: 2.106 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:105 Resp: 17448
Ion Ratio Lower Upper
105 100
134 24.5 10.2 30.6

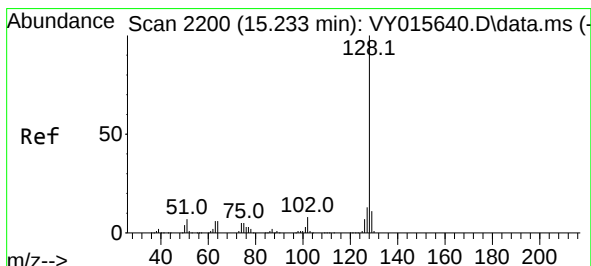
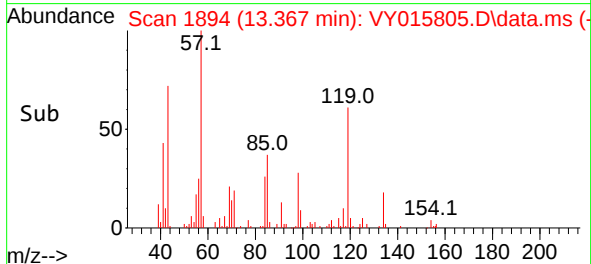
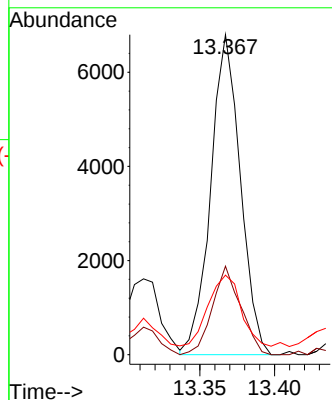
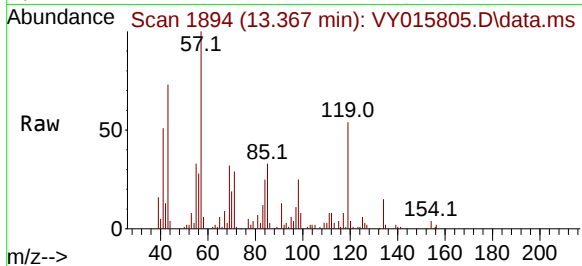




#86
p-Isopropyltoluene
Concen: 1.354 ug/l
RT: 13.367 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B4A-13-15

Tgt Ion:	119	Resp:	9370
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	24.2	12.4	37.4



#95
Naphthalene
Concen: 10.673 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015805.D
Acq: 03 Oct 2023 14:57

Tgt Ion:	128	Resp:	59462
Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.8	16.2
129	12.8	8.6	13.0

