

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019116.D
 Acq On : 19 Aug 2024 14:50
 Operator : SY/MD
 Sample : P3613-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1802

Quant Time: Aug 19 15:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

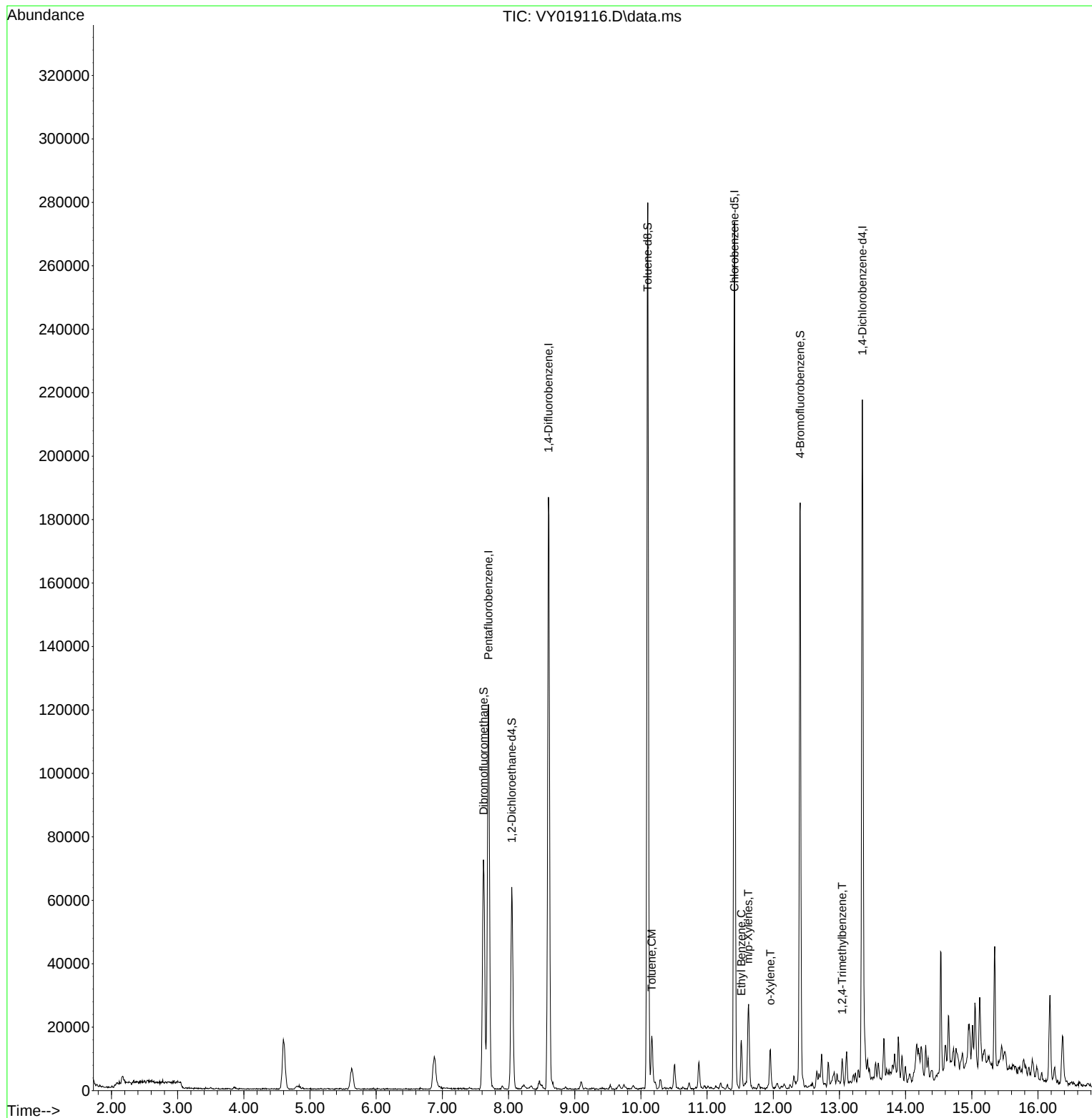
Internal Standards						
1) Pentafluorobenzene	7.695	168	93870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	161034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	50271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	48023	51.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.080%
35) Dibromofluoromethane	7.622	113	50831	48.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.560%
50) Toluene-d8	10.103	98	176862	46.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.408	95	55112	42.666	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.340%
Target Compounds						
					Qvalue	
52) Toluene	10.164	92	6378	2.191	ug/l	92
67) Ethyl Benzene	11.517	91	10197	1.793	ug/l	95
68) m/p-Xylenes	11.621	106	8120	3.599	ug/l	95
69) o-Xylene	11.956	106	2860	1.369	ug/l	86
84) 1,2,4-Trimethylbenzene	13.042	105	4542	1.452	ug/l	99

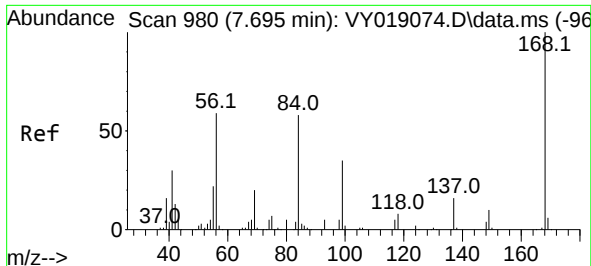
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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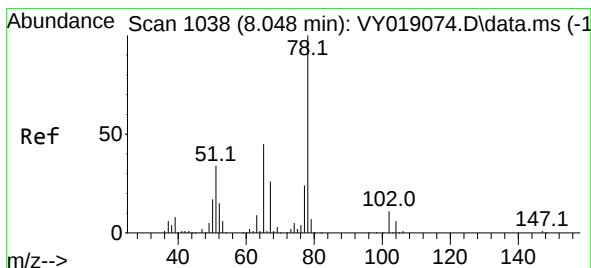
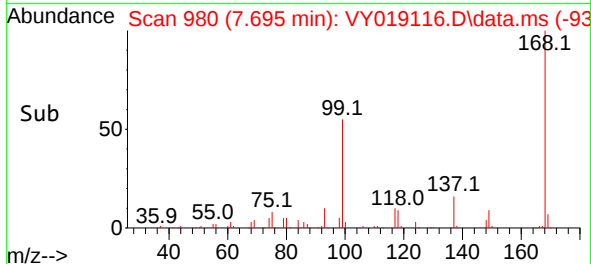
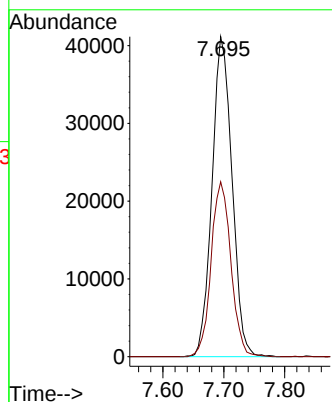
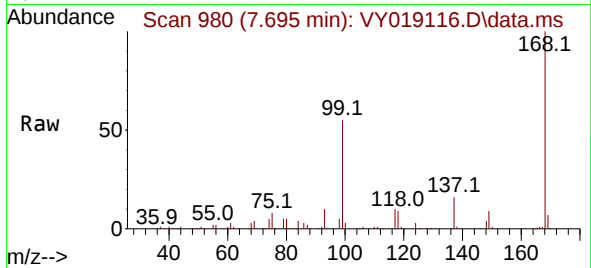




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

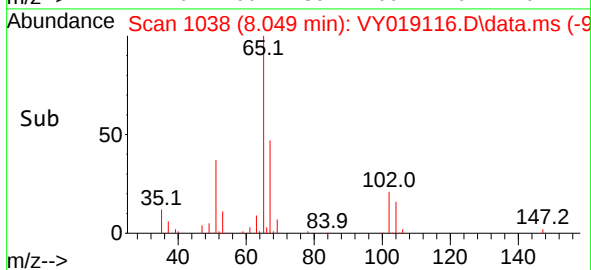
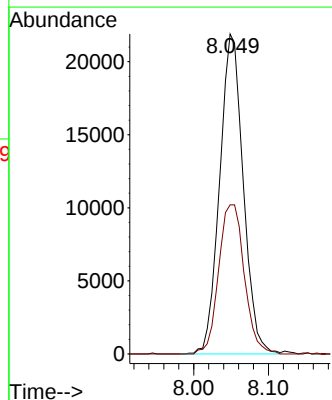
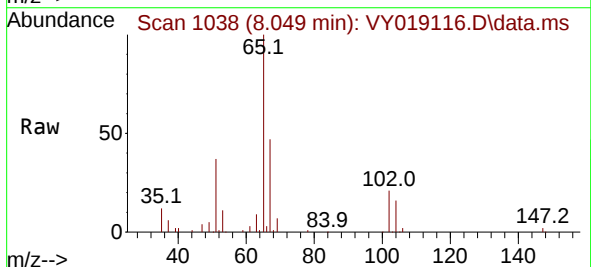
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

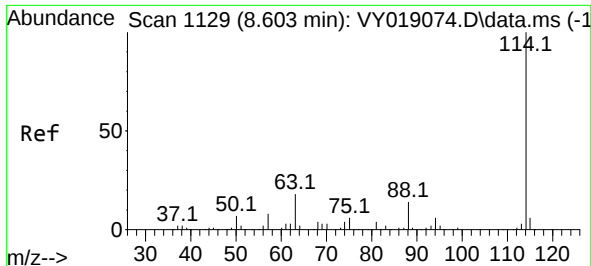
Tgt Ion:168 Resp: 93870
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.035 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

Tgt Ion: 65 Resp: 48023
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019116.D

Acq: 19 Aug 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1802

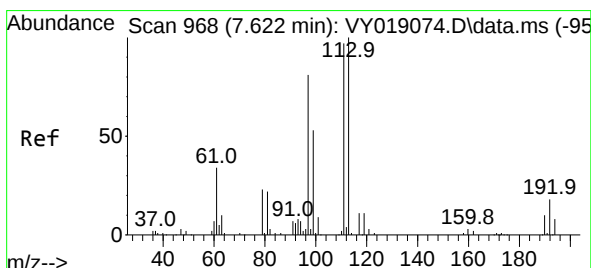
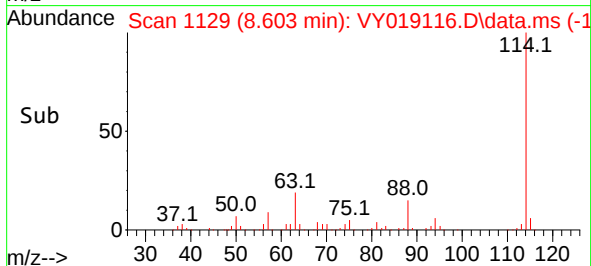
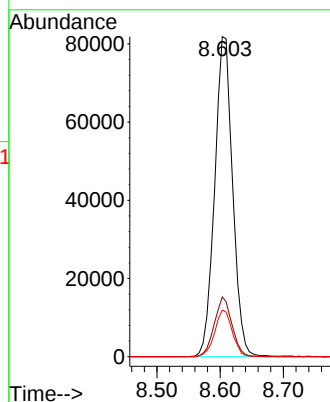
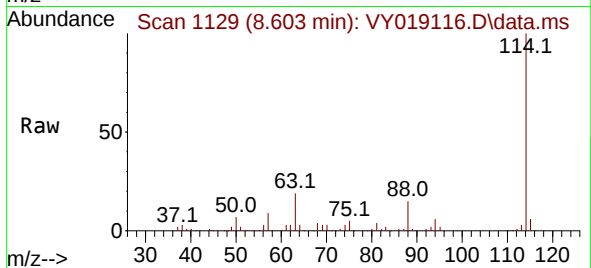
Tgt Ion:114 Resp: 161034

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.275 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019116.D

Acq: 19 Aug 2024 14:50

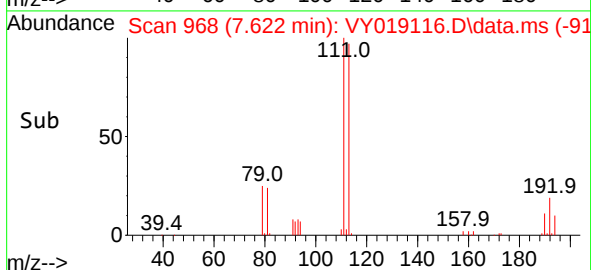
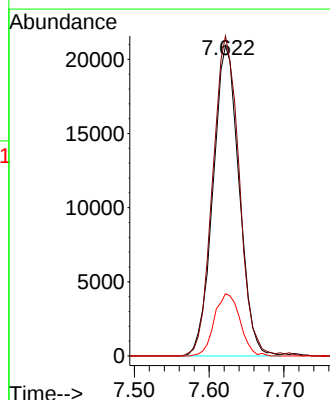
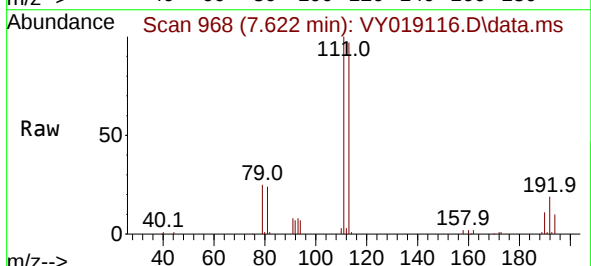
Tgt Ion:113 Resp: 50831

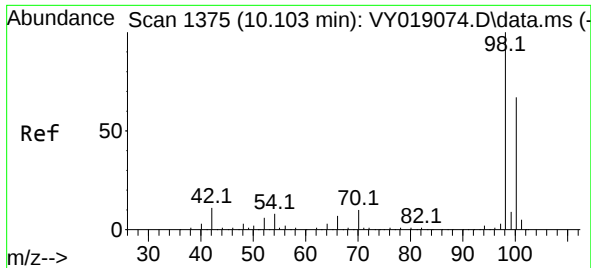
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 19.7 15.9 23.9

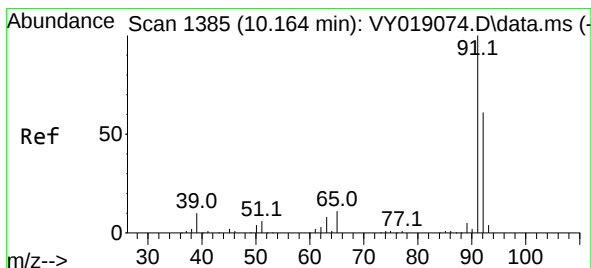
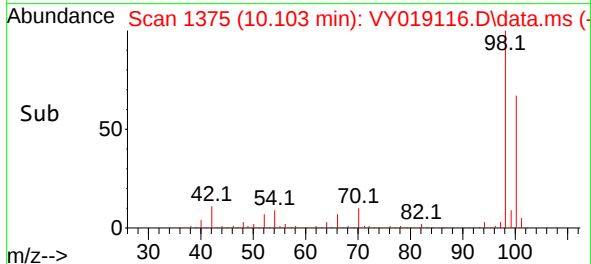
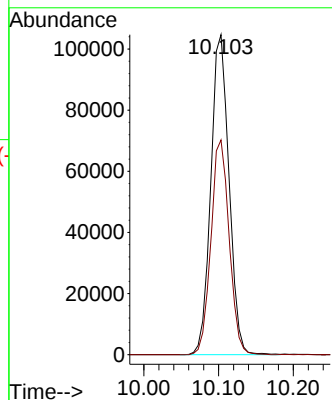
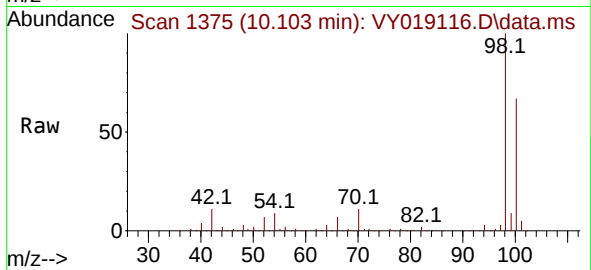




#50
Toluene-d8
Concen: 46.676 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

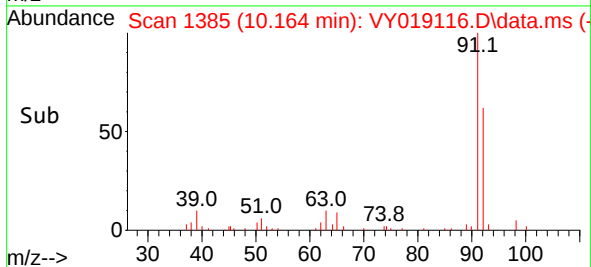
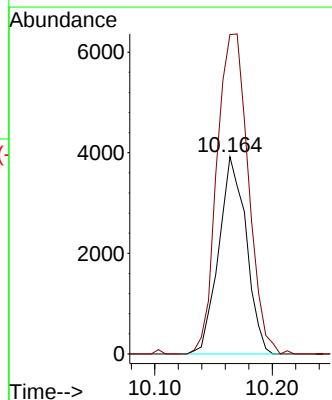
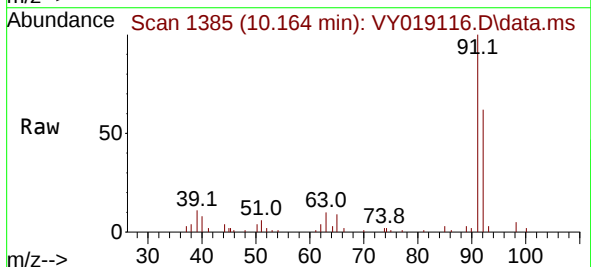
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

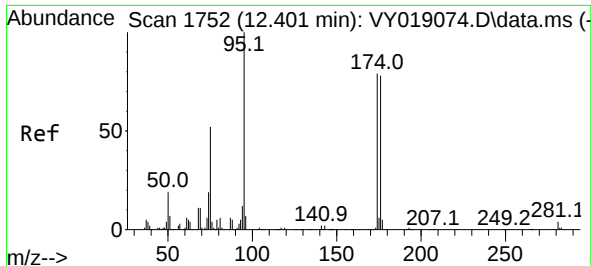
Tgt Ion: 98 Resp: 176862
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0



#52
Toluene
Concen: 2.191 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

Tgt Ion: 92 Resp: 6378
Ion Ratio Lower Upper
92 100
91 185.5 139.0 208.6

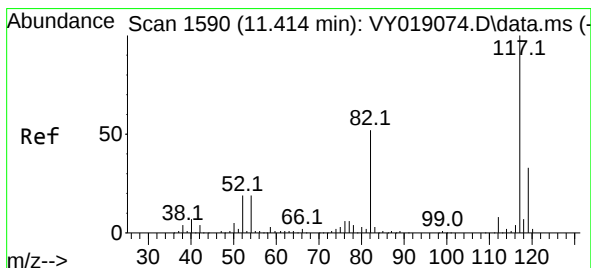
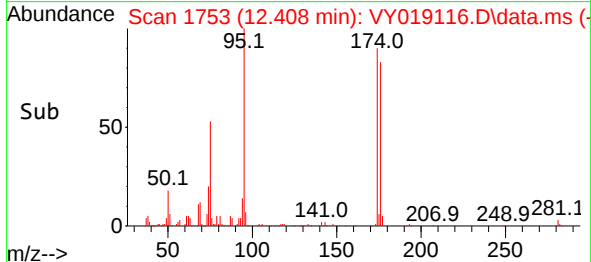
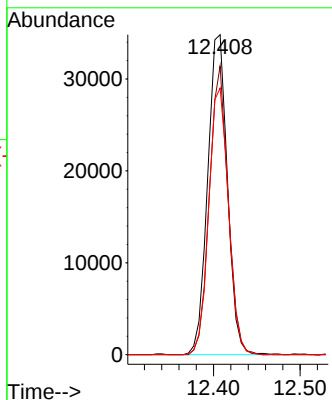
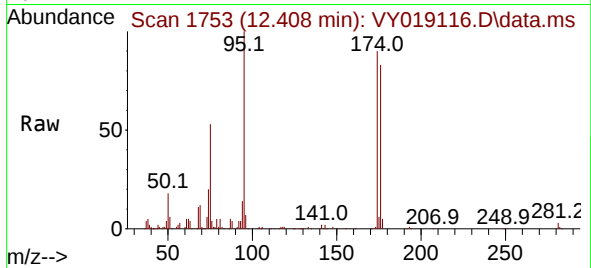




#62
4-Bromofluorobenzene
Concen: 42.666 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

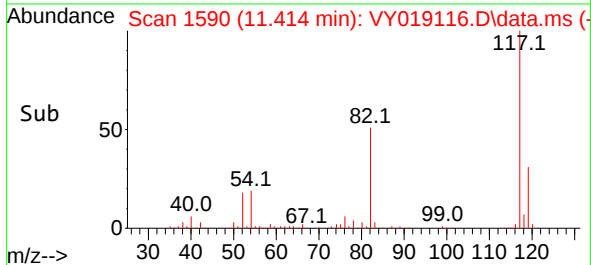
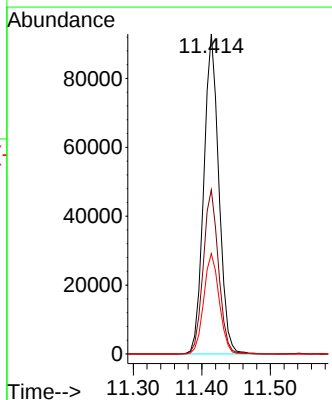
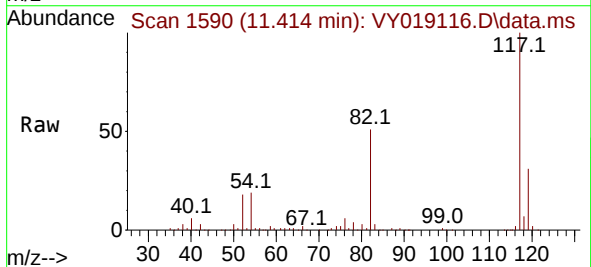
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

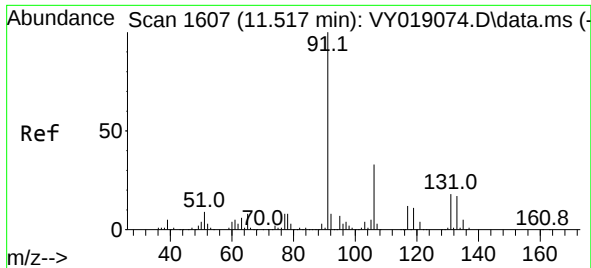
Tgt Ion:	95	Resp:	55112
Ion Ratio	Lower	Upper	
95	100		
174	85.3	0.0	175.6
176	83.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

Tgt Ion:	117	Resp:	142269
Ion Ratio	Lower	Upper	
117	100		
82	51.3	42.4	63.6
119	31.3	25.9	38.9

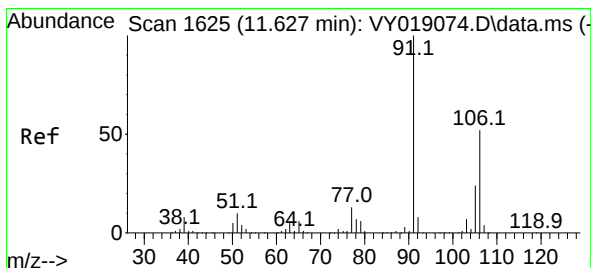
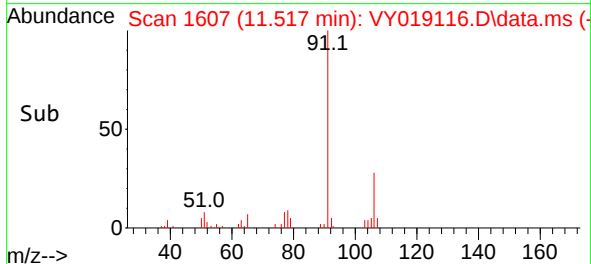
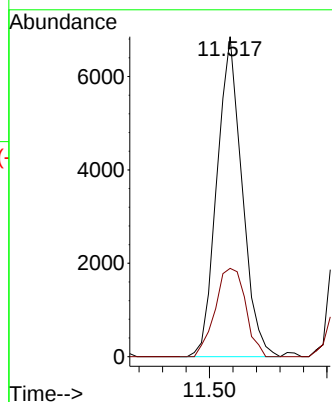
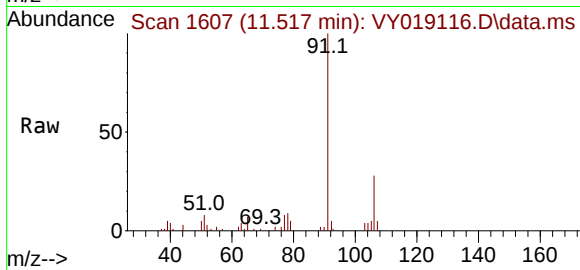




#67
Ethyl Benzene
Concen: 1.793 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

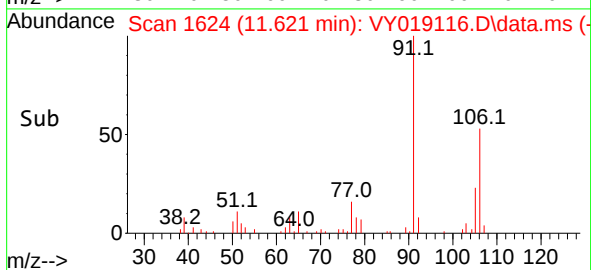
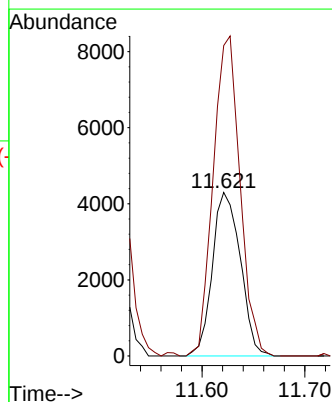
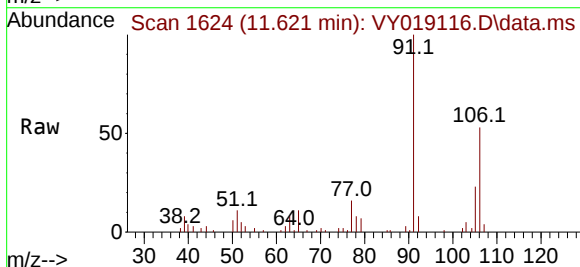
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

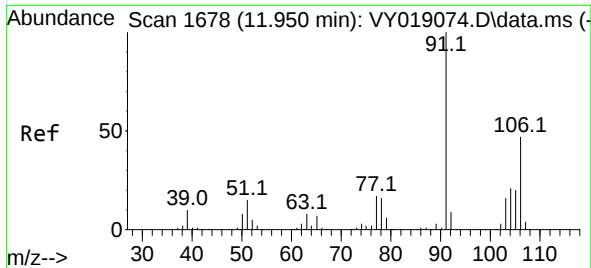
Tgt Ion: 91 Resp: 10197
Ion Ratio Lower Upper
91 100
106 27.6 24.5 36.7



#68
m/p-Xylenes
Concen: 3.599 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY019116.D
Acq: 19 Aug 2024 14:50

Tgt Ion:106 Resp: 8120
Ion Ratio Lower Upper
106 100
91 187.6 156.0 234.0





#69

o-Xylene

Concen: 1.369 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019116.D

Acq: 19 Aug 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

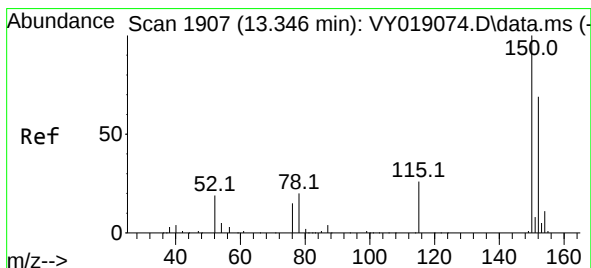
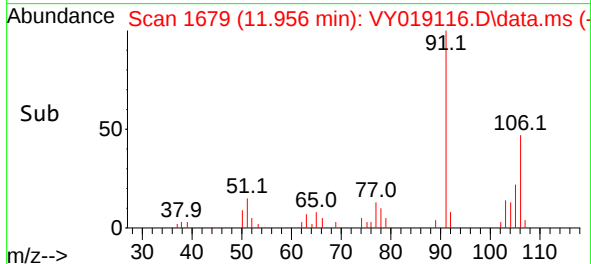
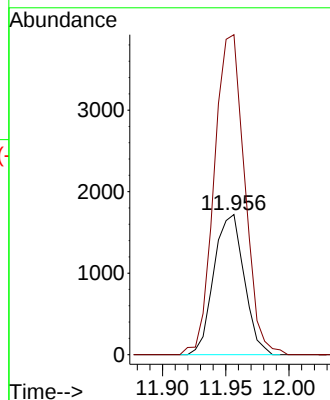
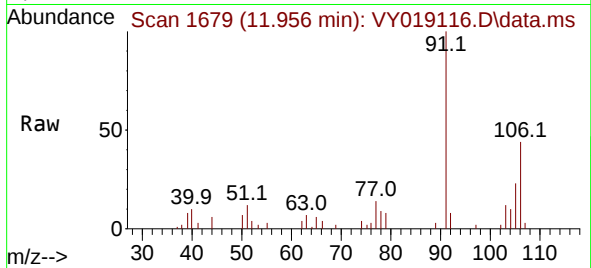
TRE-1802

Tgt Ion:106 Resp: 2860

Ion Ratio Lower Upper

106 100

91 229.2 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019116.D

Acq: 19 Aug 2024 14:50

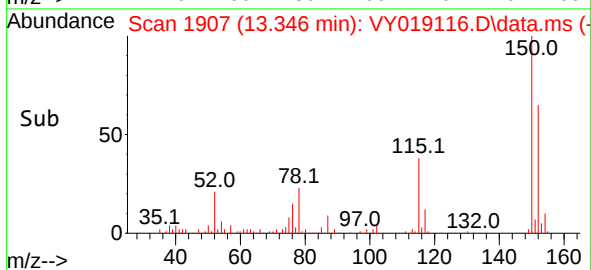
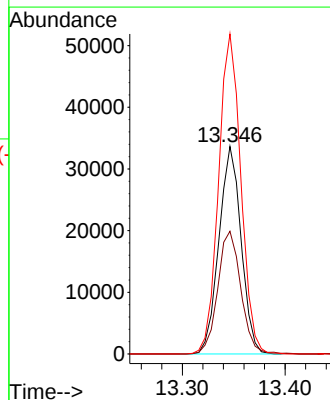
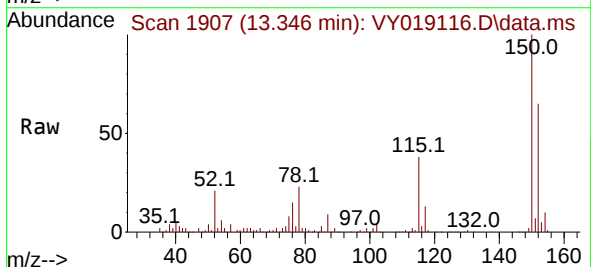
Tgt Ion:152 Resp: 50271

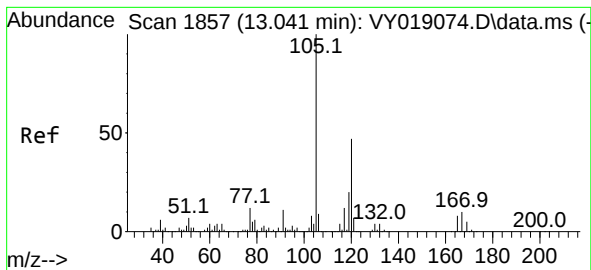
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 155.0 0.0 345.6





#84

1,2,4-Trimethylbenzene

Concen: 1.452 ug/l

RT: 13.042 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019116.D

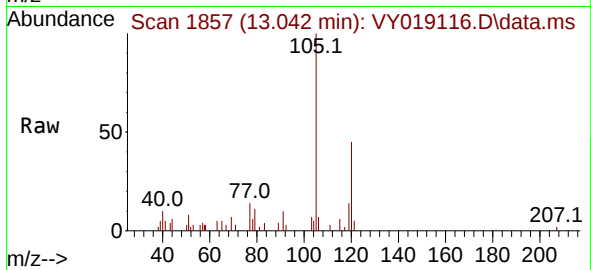
Acq: 19 Aug 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1802



Tgt Ion:105 Resp: 4542

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6

