

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019088.D
 Acq On : 16 Aug 2024 12:57
 Operator : SY/MD
 Sample : P3613-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1802

Quant Time: Aug 16 23:12:30 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)

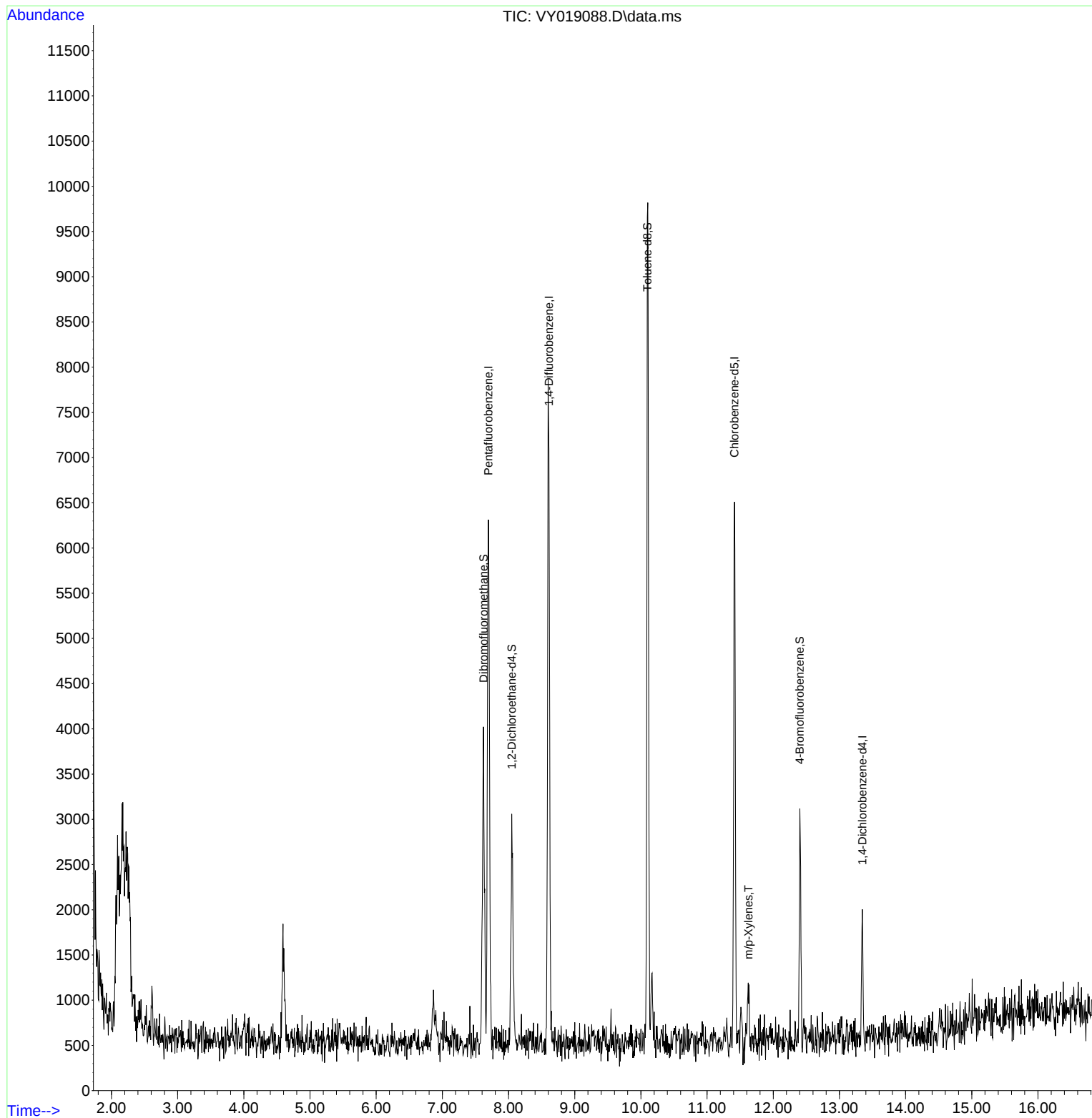
Internal Standards						
1) Pentafluorobenzene	7.695	168	4760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	6873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	1887	39.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.100%
35) Dibromofluoromethane	7.622	113	2350	52.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.580%
50) Toluene-d8	10.097	98	6396	39.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.100%
62) 4-Bromofluorobenzene	12.402	95	958	17.377	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	34.760%
Target Compounds						
68) m/p-Xylenes	11.627	106	304	5.171	ug/l	Qvalue 84

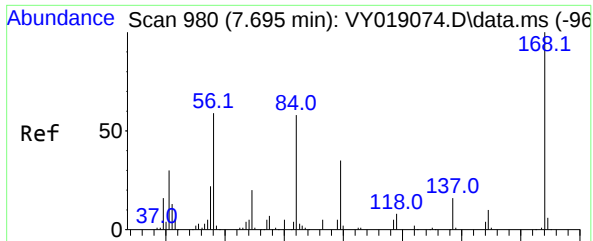
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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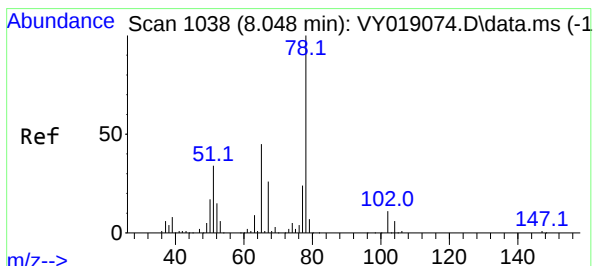
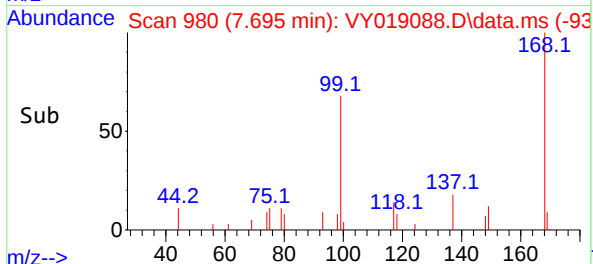
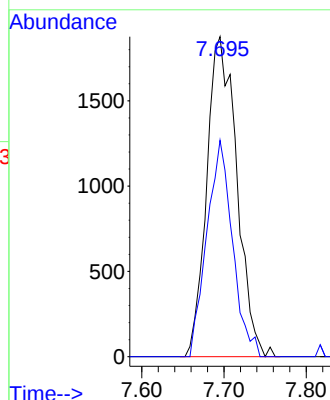
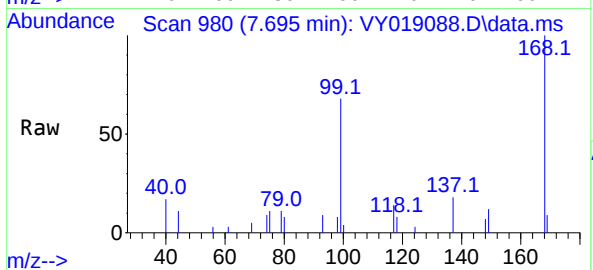




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

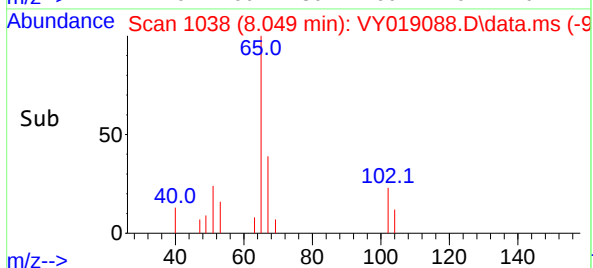
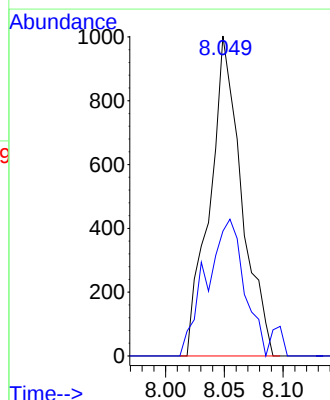
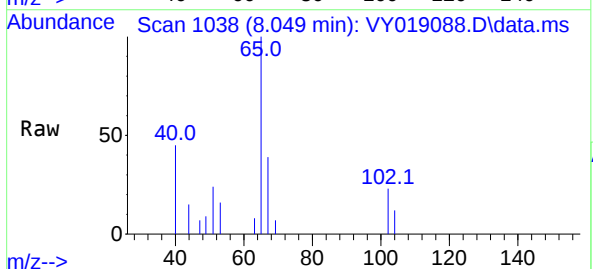
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

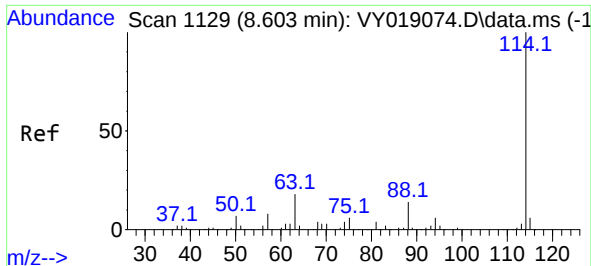
Tgt Ion:168 Resp: 4760
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 39.547 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

Tgt Ion: 65 Resp: 1887
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

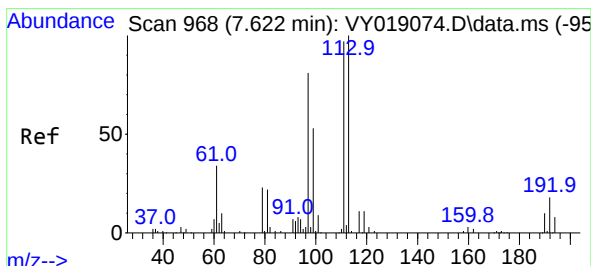
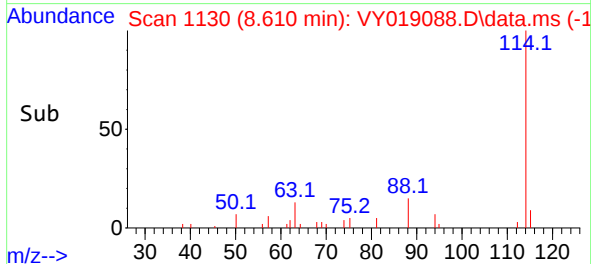
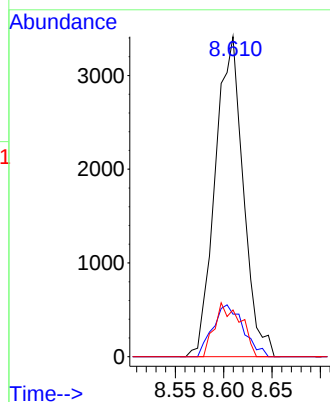
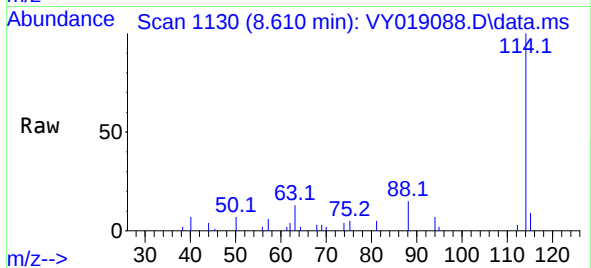




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

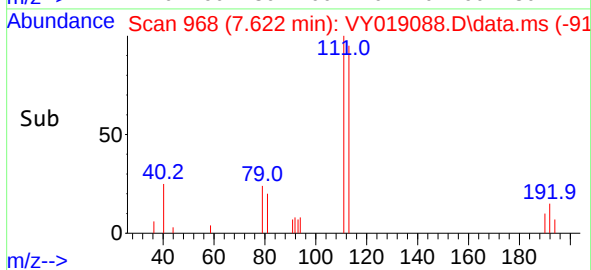
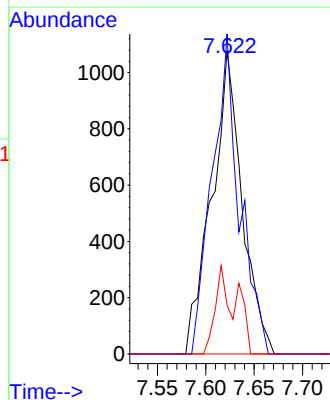
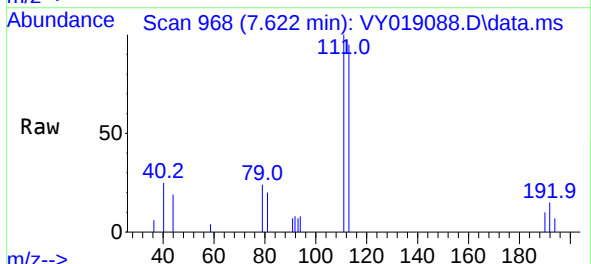
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

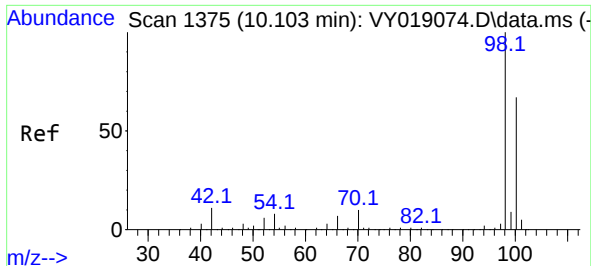
Tgt Ion:114 Resp: 6873
Ion Ratio Lower Upper
114 100
63 13.3 0.0 35.0
88 14.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.292 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

Tgt Ion:113 Resp: 2350
Ion Ratio Lower Upper
113 100
111 95.3 82.2 123.4
192 12.9 15.9 23.9#

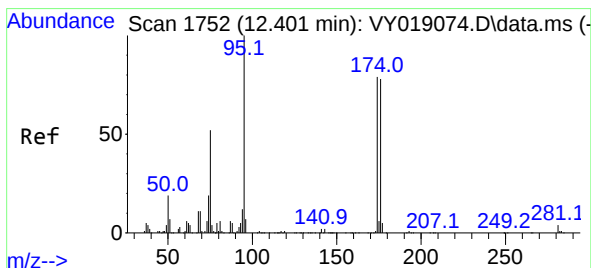
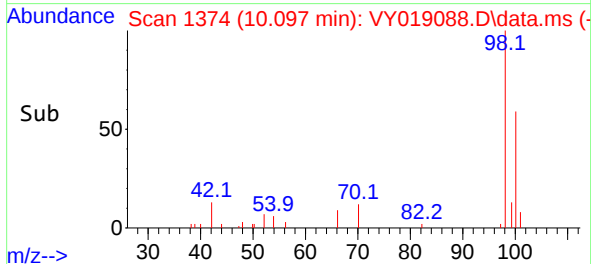
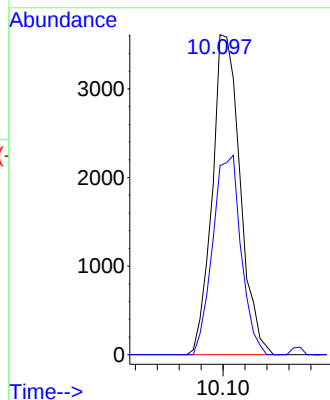
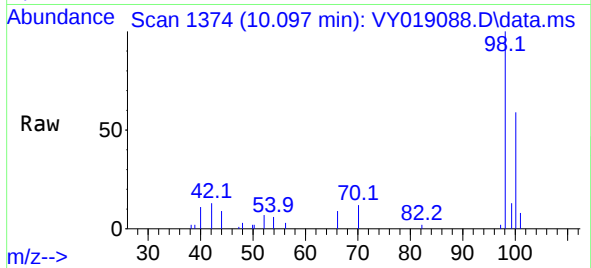




#50
Toluene-d8
Concen: 39.549 ug/l
RT: 10.097 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

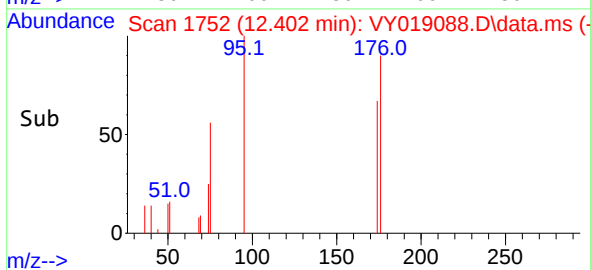
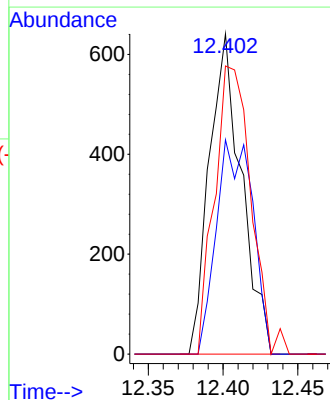
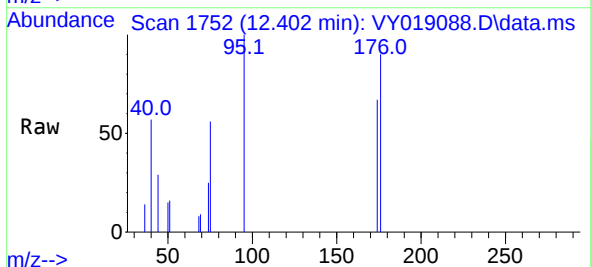
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1802

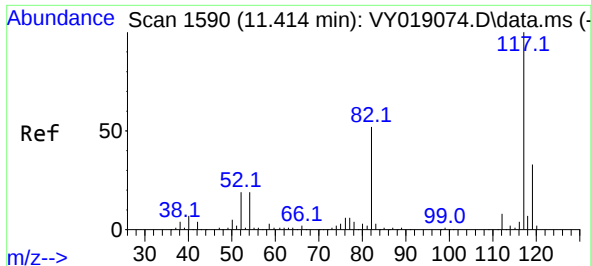
Tgt Ion: 98 Resp: 6396
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 17.377 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

Tgt Ion: 95 Resp: 958
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 102.0 0.0 171.4

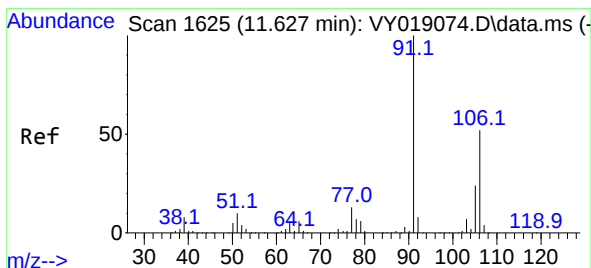
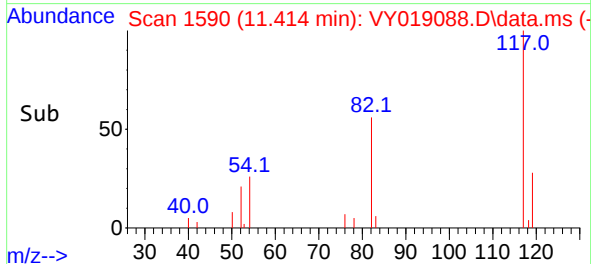
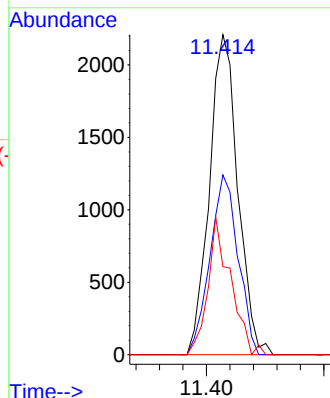
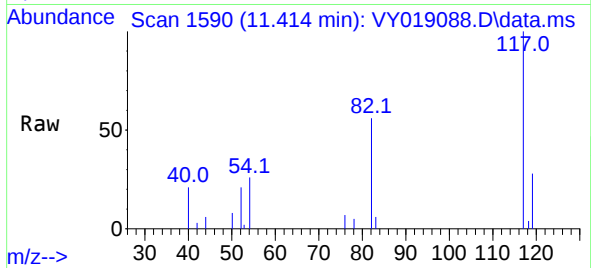




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

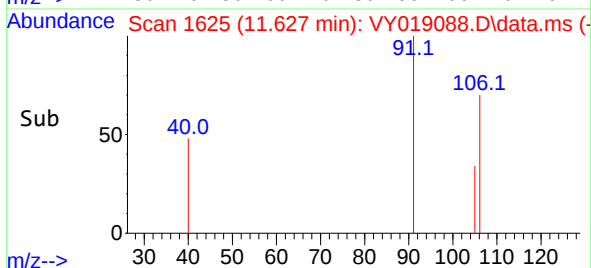
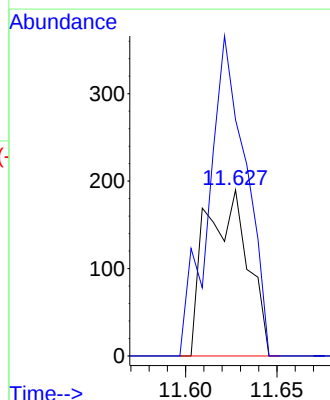
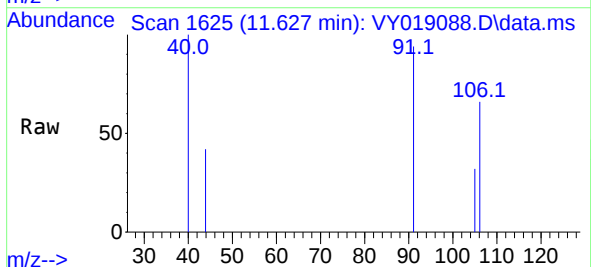
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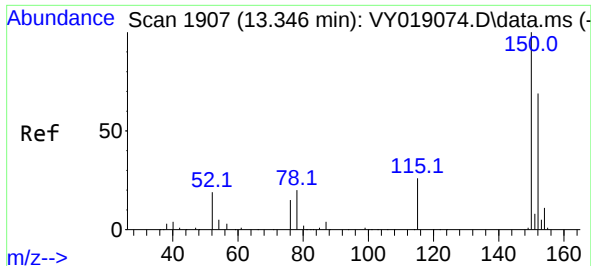
Tgt Ion:	117	Resp:	3707
Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.4	63.6
119	27.5	25.9	38.9



#68
m/p-Xylenes
Concen: 5.171 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019088.D
Acq: 16 Aug 2024 12:57

Tgt Ion:	106	Resp:	304
Ion	Ratio	Lower	Upper
106	100		
91	171.4	156.0	234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY019088.D

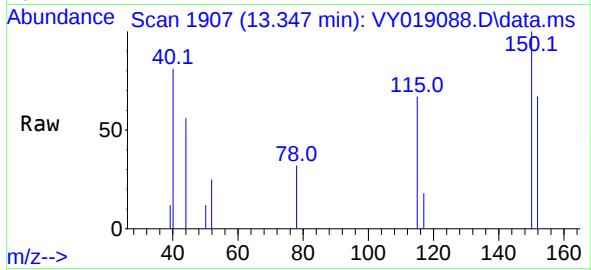
Acq: 16 Aug 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1802



Tgt Ion:152 Resp: 466

Ion Ratio Lower Upper

152 100

115 48.5 28.2 84.7

150 141.6 0.0 345.6

