

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019027.D
 Acq On : 13 Aug 2024 14:16
 Operator : SY/MD
 Sample : P3519-07RE
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-19-080724RE

Quant Time: Aug 14 07:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

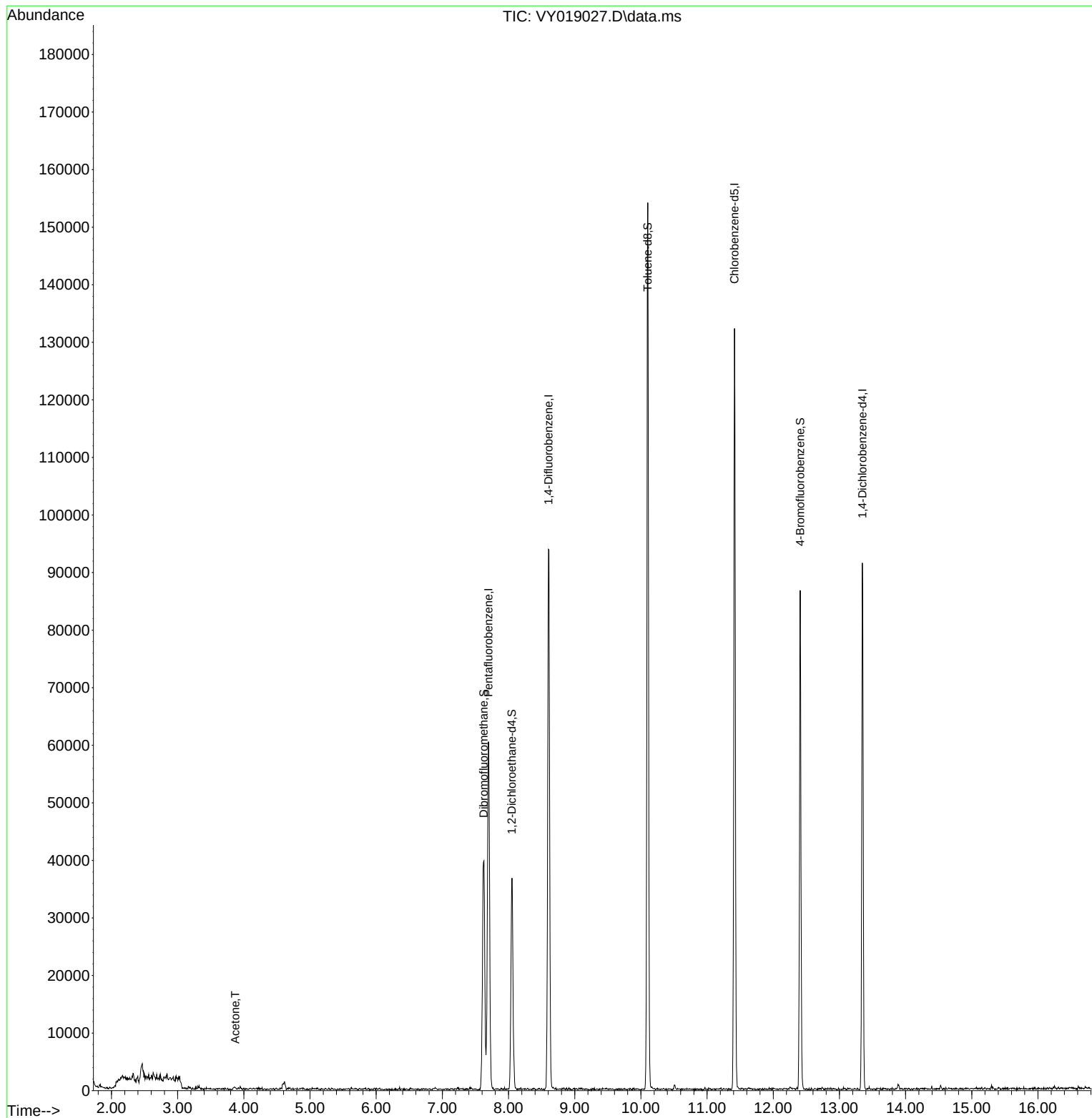
Internal Standards						
1) Pentafluorobenzene	7.695	168	49578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	82425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	21299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22895	52.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.200%
35) Dibromofluoromethane	7.622	113	26212	49.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.103	98	95949	47.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.407	95	21263	35.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.880%
Target Compounds						
16) Acetone	3.872	43	531	17.008	ug/l	Qvalue # 69

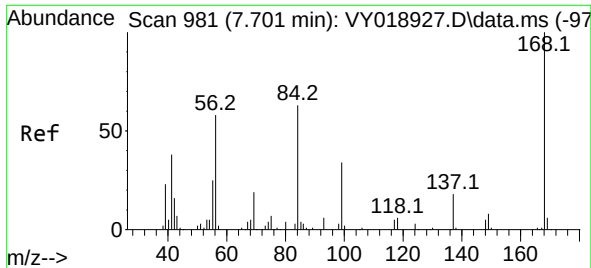
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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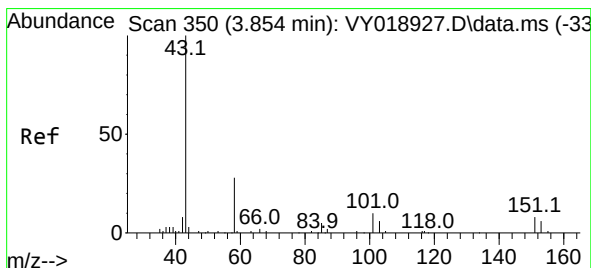
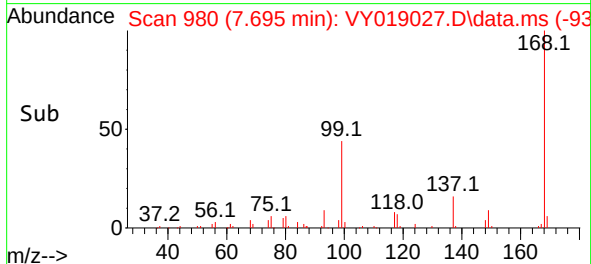
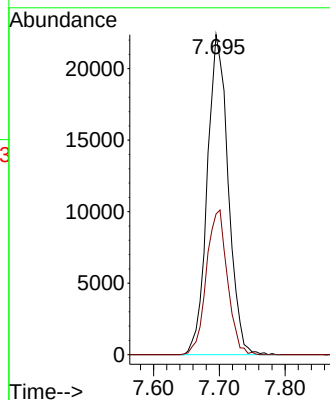
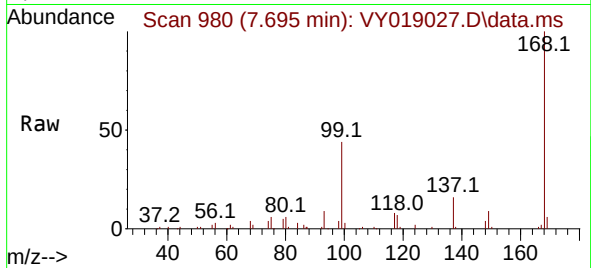




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

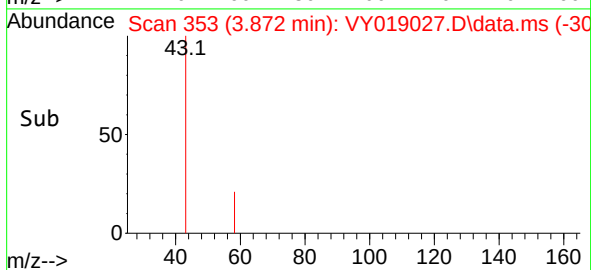
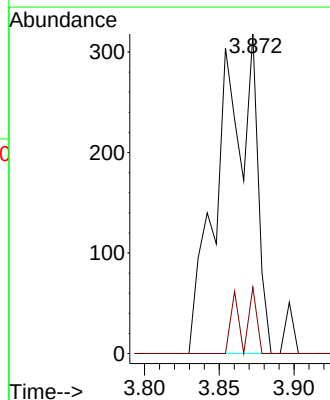
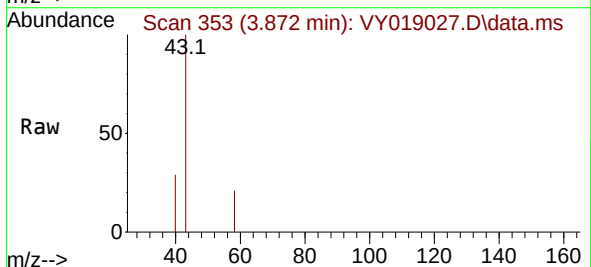
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724RE

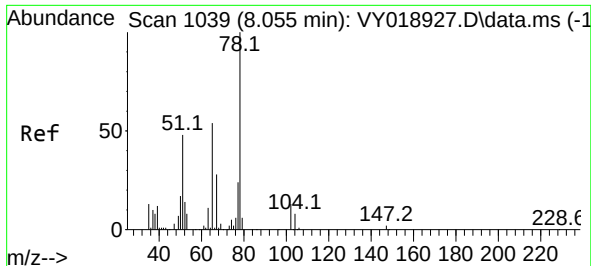
Tgt Ion:168 Resp: 49578
Ion Ratio Lower Upper
168 100
99 43.9 39.1 58.7



#16
Acetone
Concen: 17.008 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 20.8 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 52.597 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019027.D

Acq: 13 Aug 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

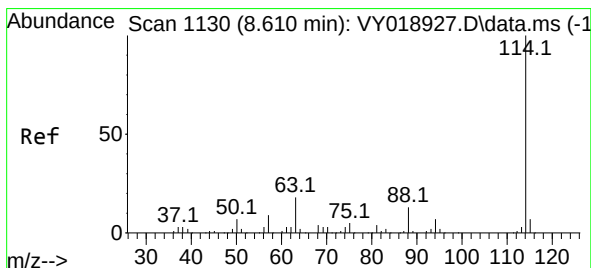
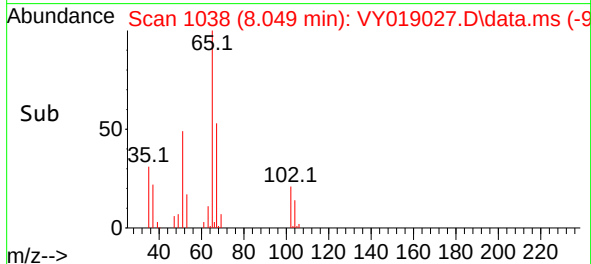
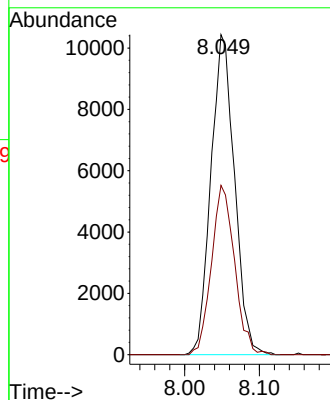
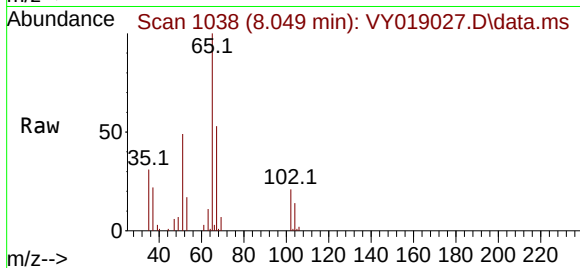
OU4-TS-19-080724RE

Tgt Ion: 65 Resp: 22895

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019027.D

Acq: 13 Aug 2024 14:16

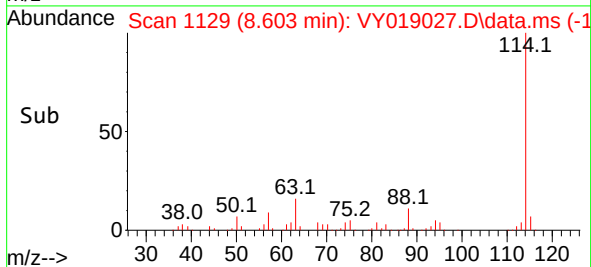
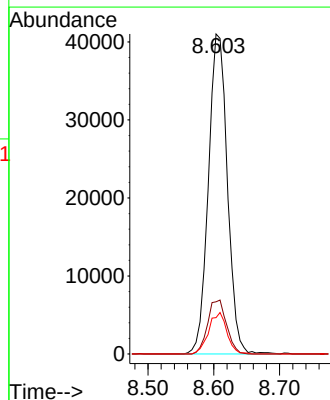
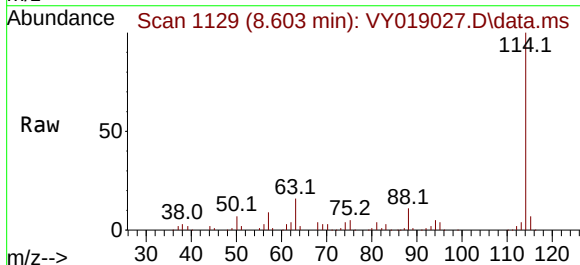
Tgt Ion: 114 Resp: 82425

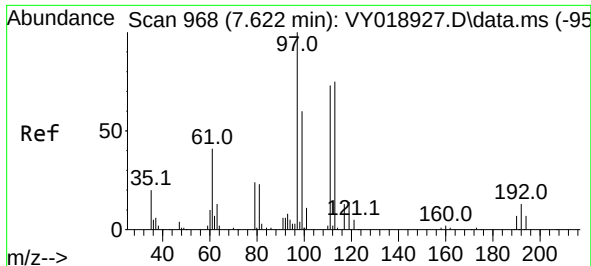
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 11.4 0.0 27.2

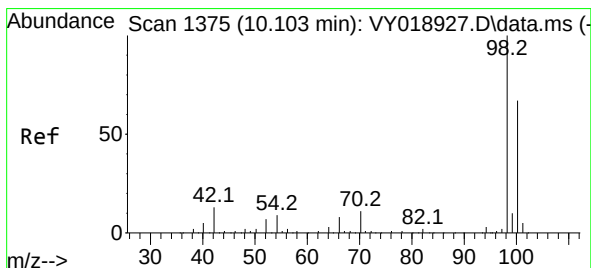
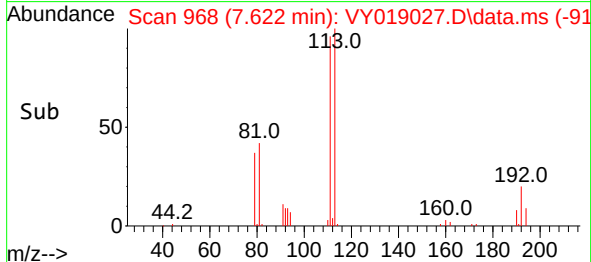
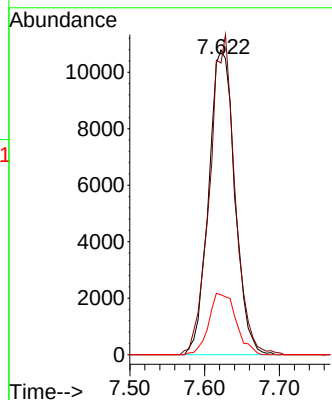
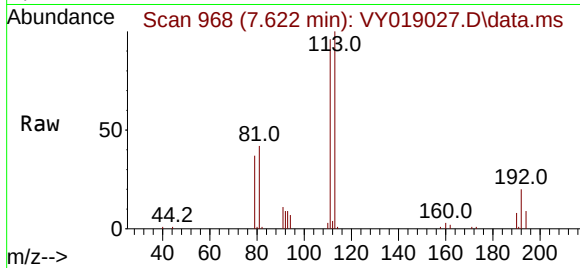




#35
Dibromofluoromethane
Concen: 49.791 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

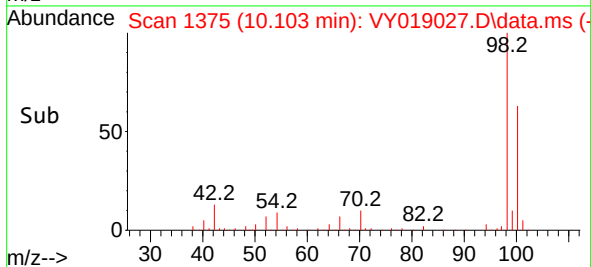
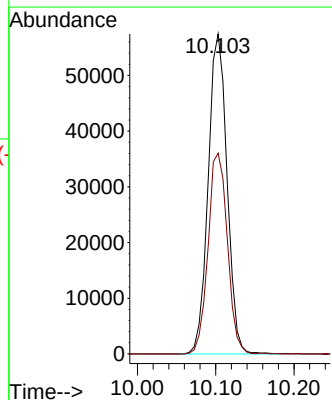
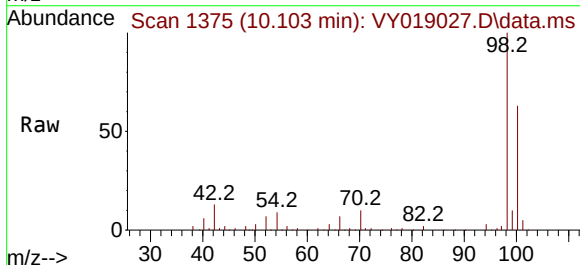
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724RE

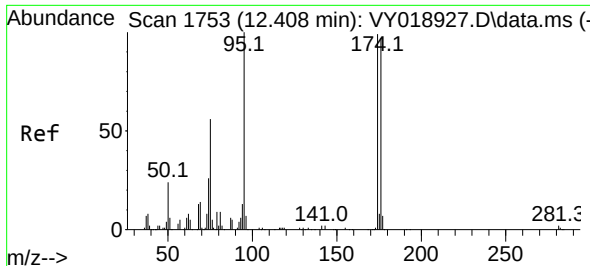
Tgt Ion:113 Resp: 26212
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 47.451 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

Tgt Ion: 98 Resp: 95949
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

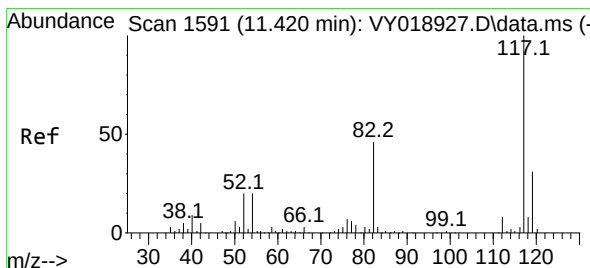
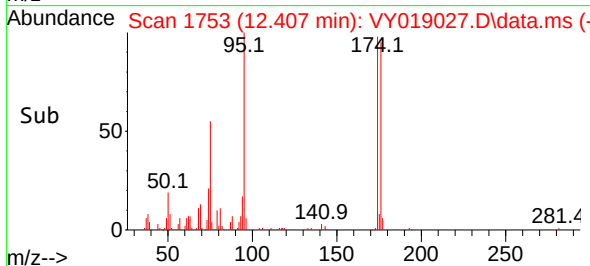
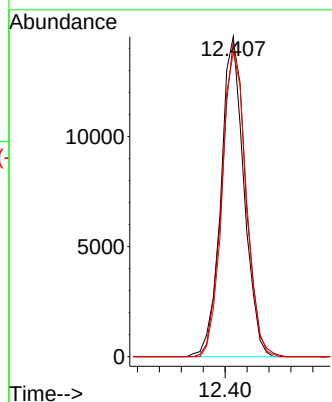
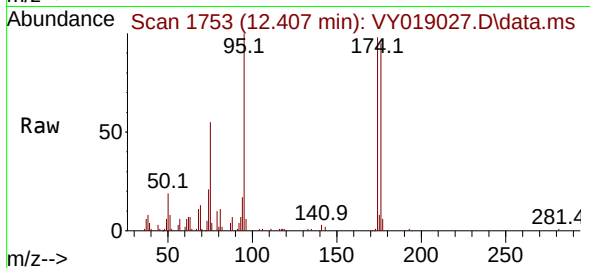




#62
4-Bromofluorobenzene
Concen: 35.444 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

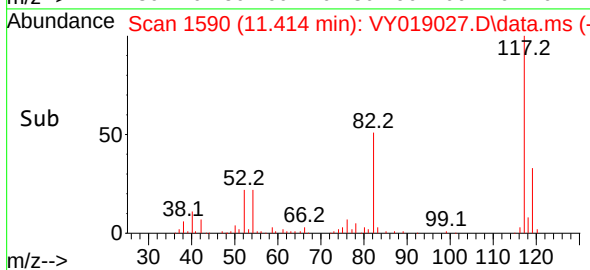
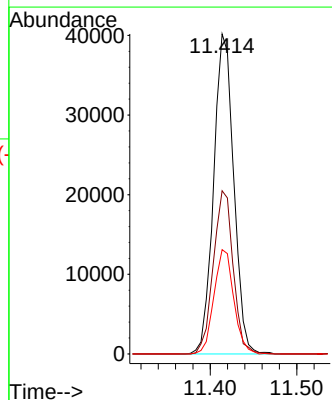
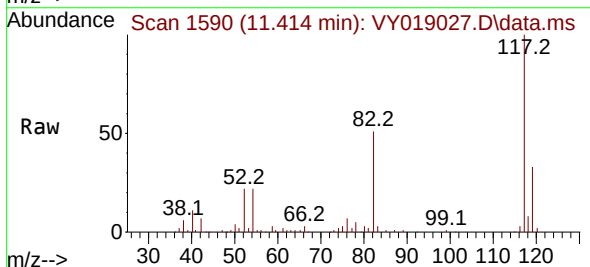
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-19-080724RE

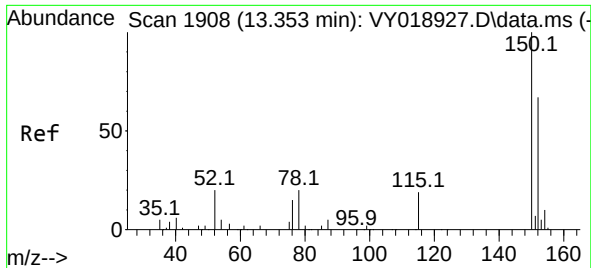
Tgt Ion:	95	Resp:	21263
Ion	Ratio	Lower	Upper
95	100		
174	101.8	0.0	175.6
176	99.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019027.D
Acq: 13 Aug 2024 14:16

Tgt Ion:	117	Resp:	64786
Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.4	63.6
119	32.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019027.D

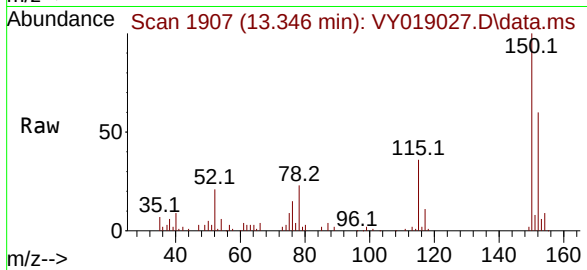
Acq: 13 Aug 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-19-080724RE



Tgt Ion:152 Resp: 21299

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 157.8 0.0 345.6

