

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009425.D
 Acq On : 01 Jul 2022 16:17
 Operator : KP/MD
 Sample : N3556-01
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

Quant Time: Jul 05 02:46:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

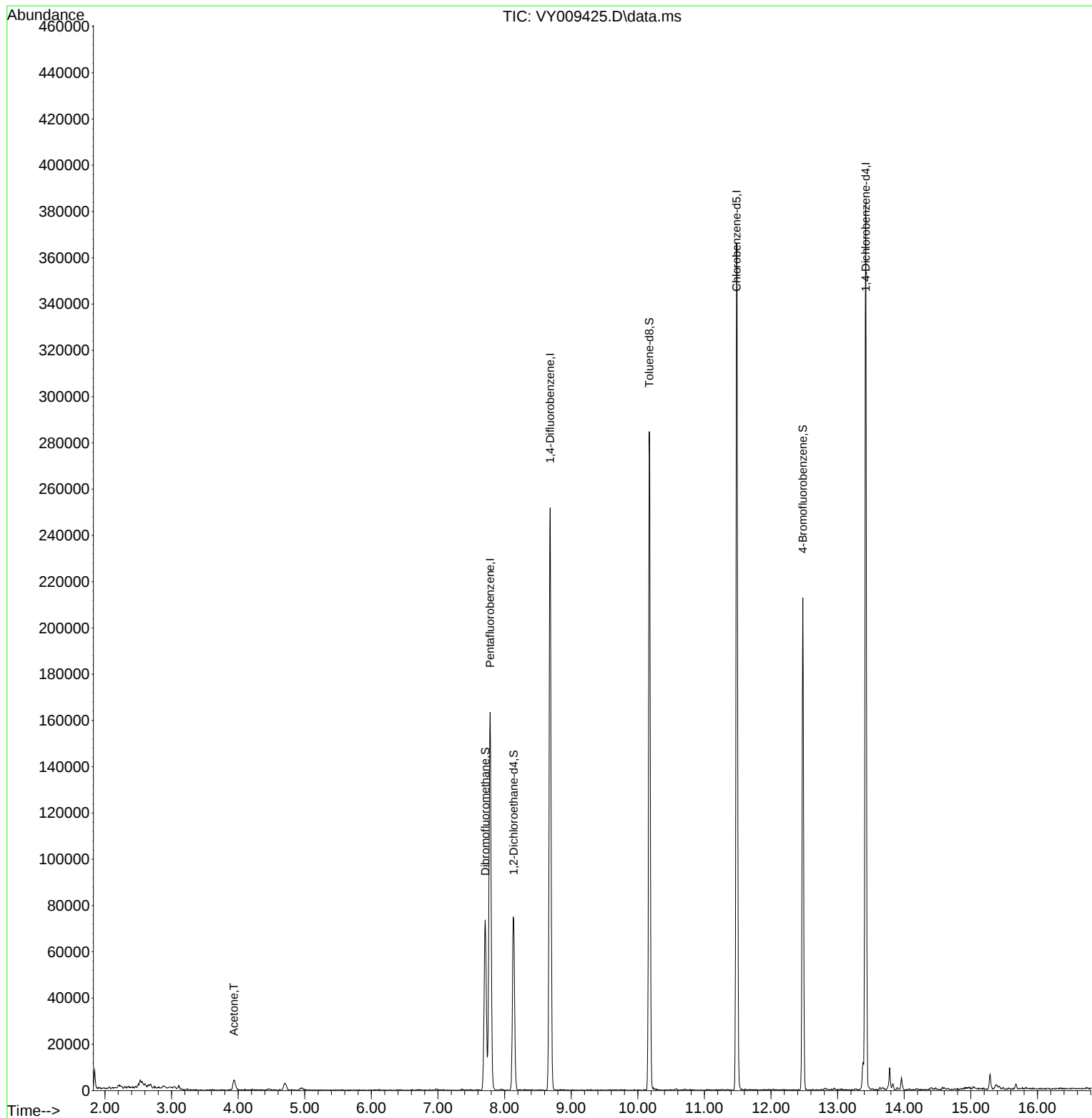
Internal Standards						
1) Pentafluorobenzene	7.783	168	126830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	198047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58099	57.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.710	113	49731	42.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.640%
50) Toluene-d8	10.173	98	183567	51.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.477	95	58113	34.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.820%
Target Compounds						
16) Acetone	3.936	43	7817	23.430	ug/l	Qvalue # 89

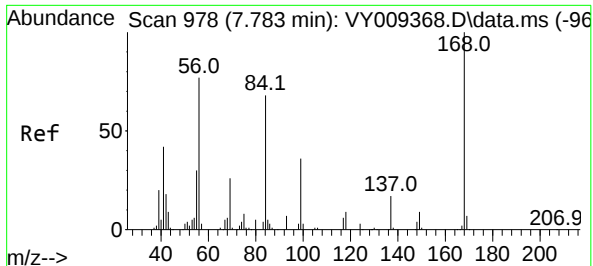
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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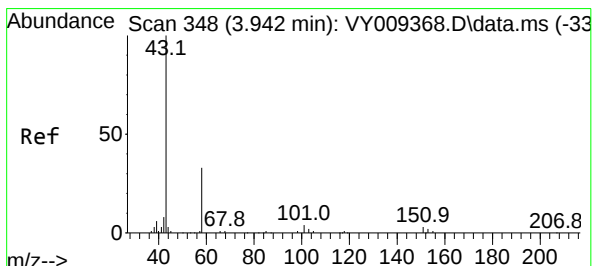
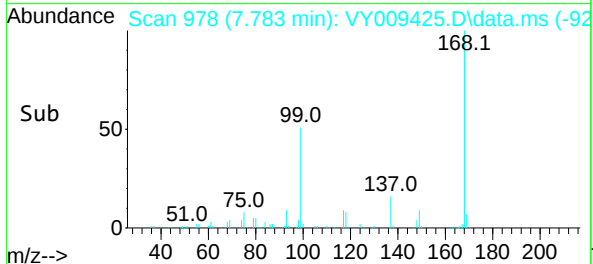
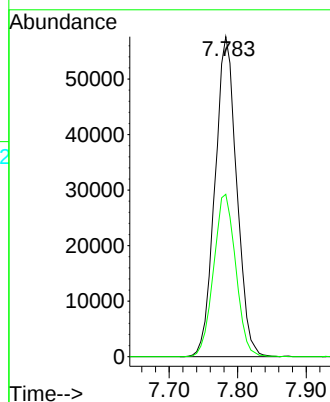
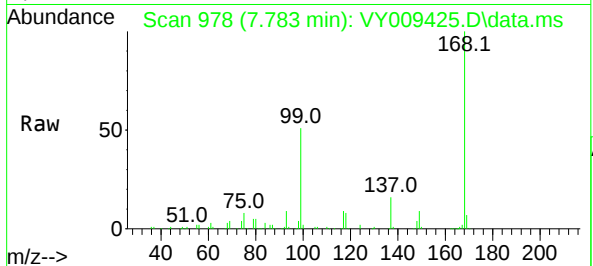




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

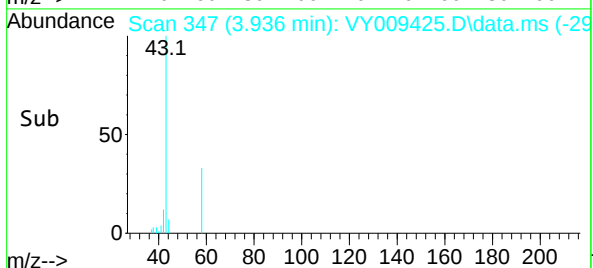
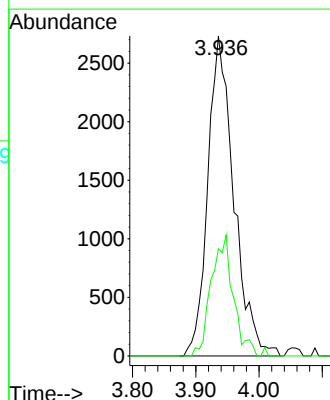
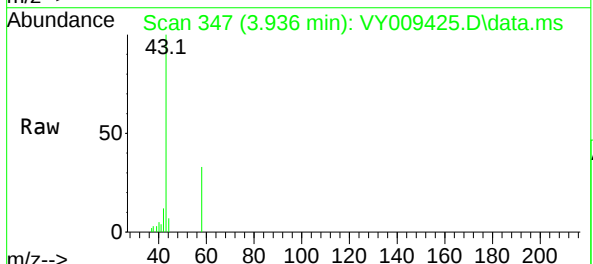
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

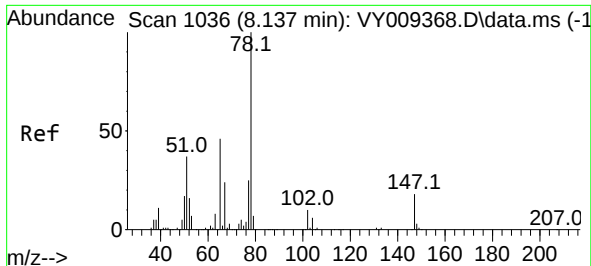
Tgt Ion:168 Resp: 126830
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#16
Acetone
Concen: 23.430 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 43 Resp: 7817
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#

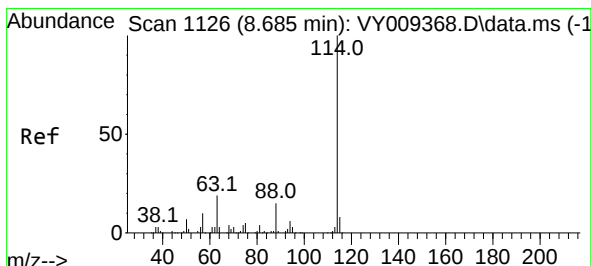
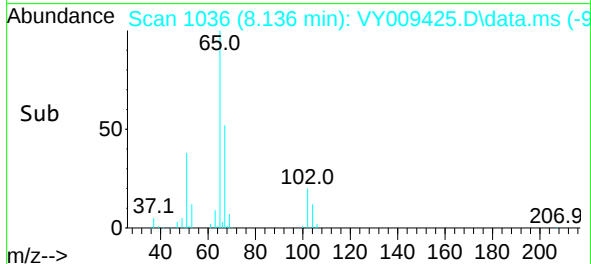
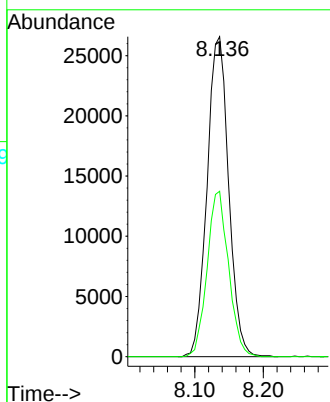
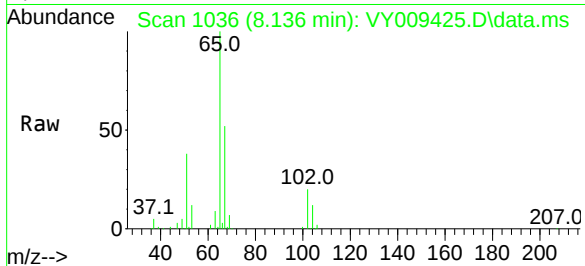




#33
1,2-Dichloroethane-d4
Concen: 57.192 ug/l
RT: 8.136 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

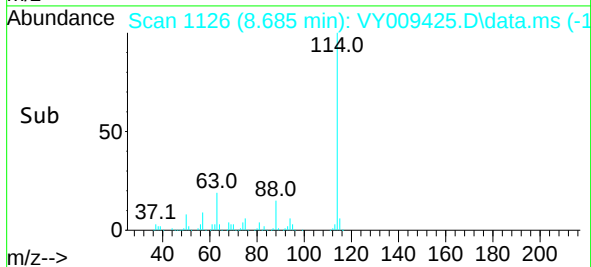
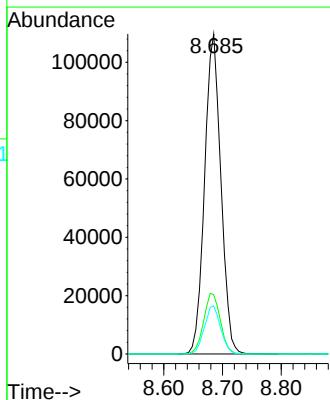
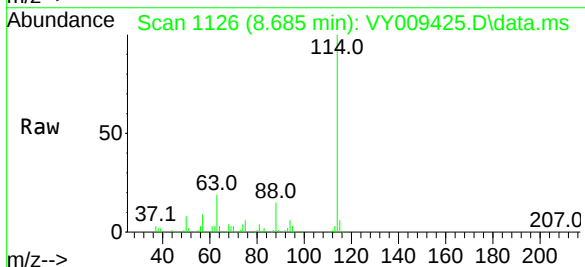
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

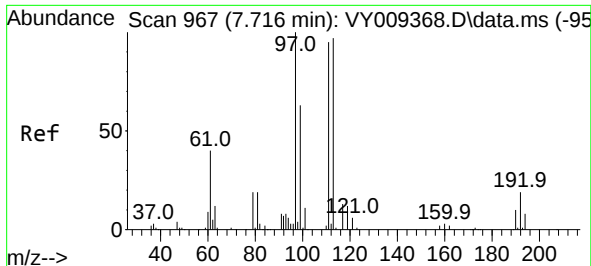
Tgt Ion: 65 Resp: 58099
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 114 Resp: 211043
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 15.0 0.0 31.8

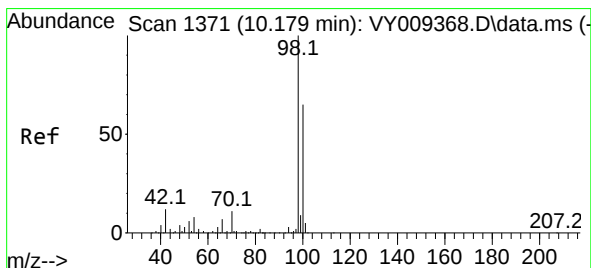
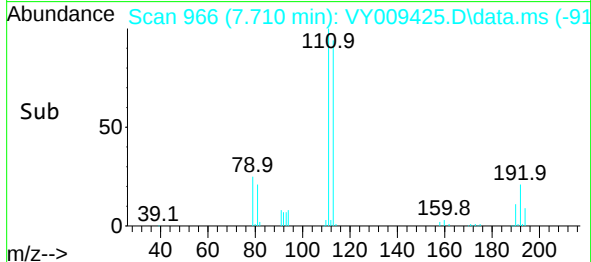
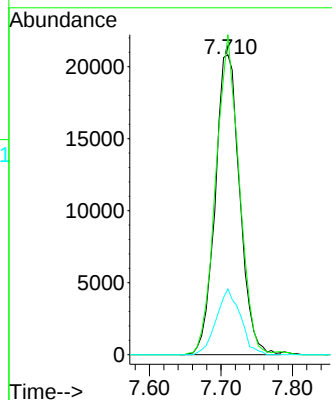
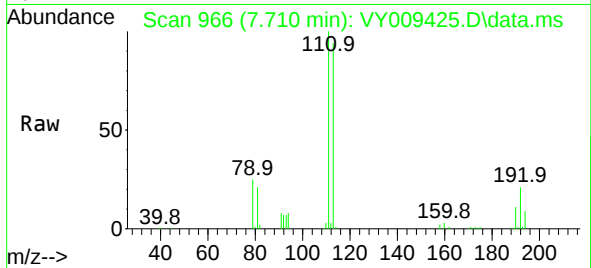




#35
Dibromofluoromethane
Concen: 42.815 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

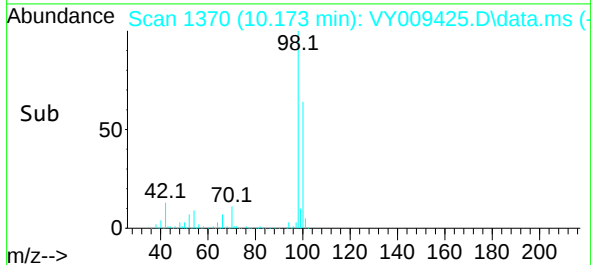
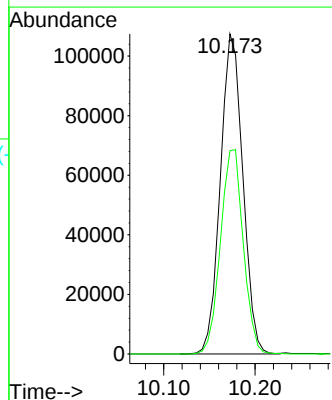
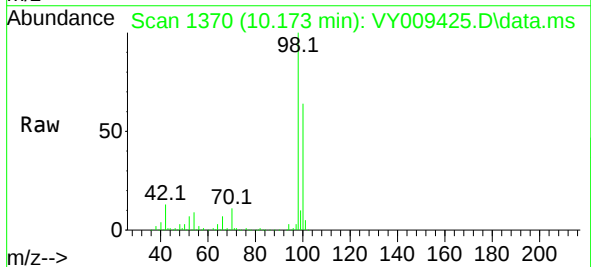
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

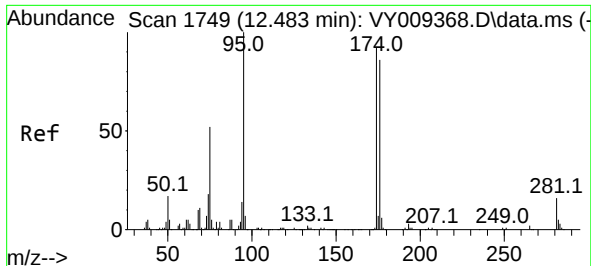
Tgt Ion:113 Resp: 49731
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 21.5 17.6 26.4



#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 98 Resp: 183567
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

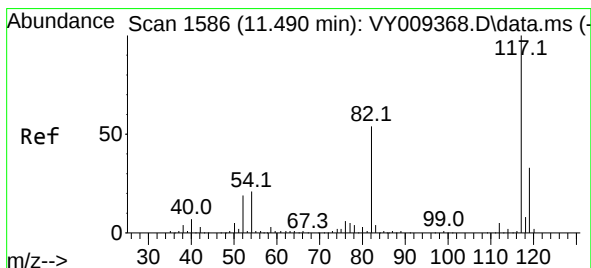
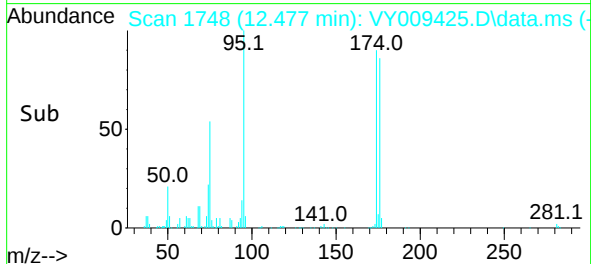
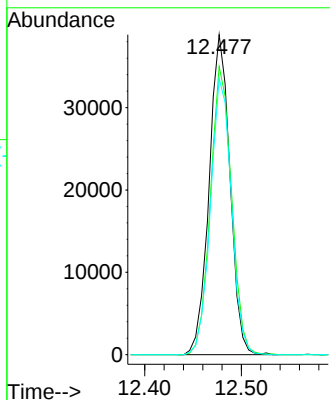
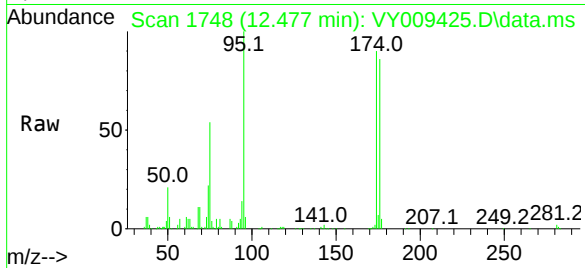




#62
4-Bromofluorobenzene
Concen: 34.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

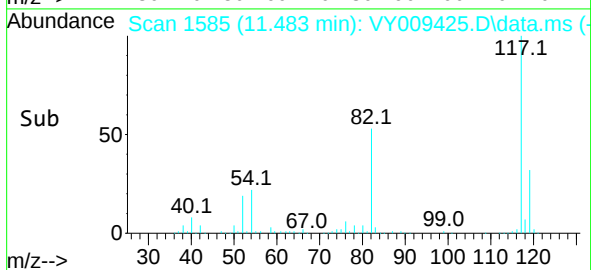
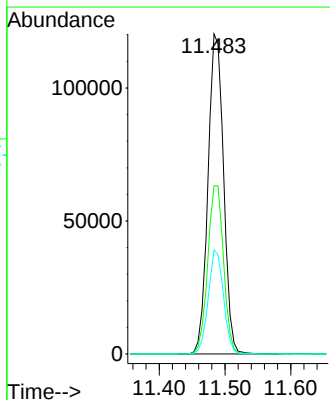
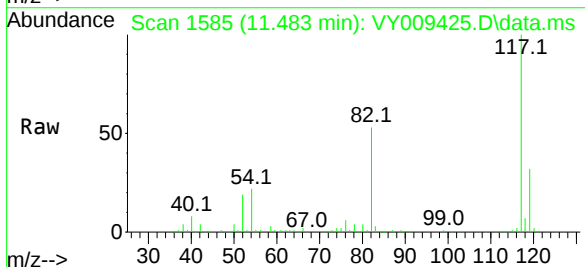
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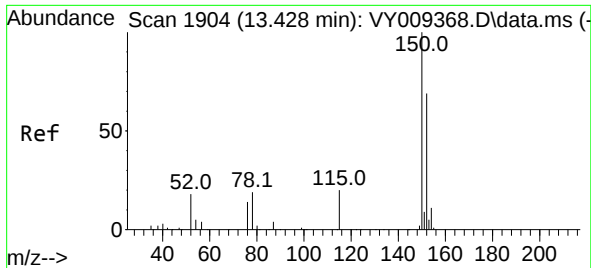
Tgt Ion: 95 Resp: 58113
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009425.D
Acq: 01 Jul 2022 16:17

Tgt Ion: 117 Resp: 198047
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009425.D

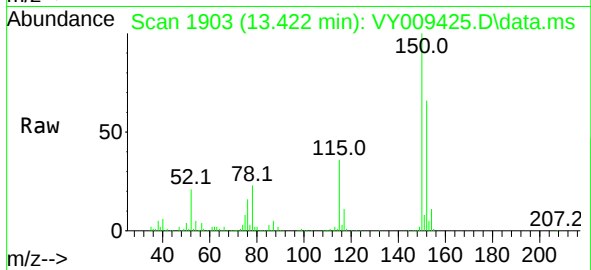
Acq: 01 Jul 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

WP-1



Tgt Ion:152 Resp: 91766

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 158.2 0.0 347.6

