

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015401.D
 Acq On : 31 Aug 2023 14:15
 Operator : SY/MD
 Sample : 04243-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 001

Quant Time: Sep 01 00:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

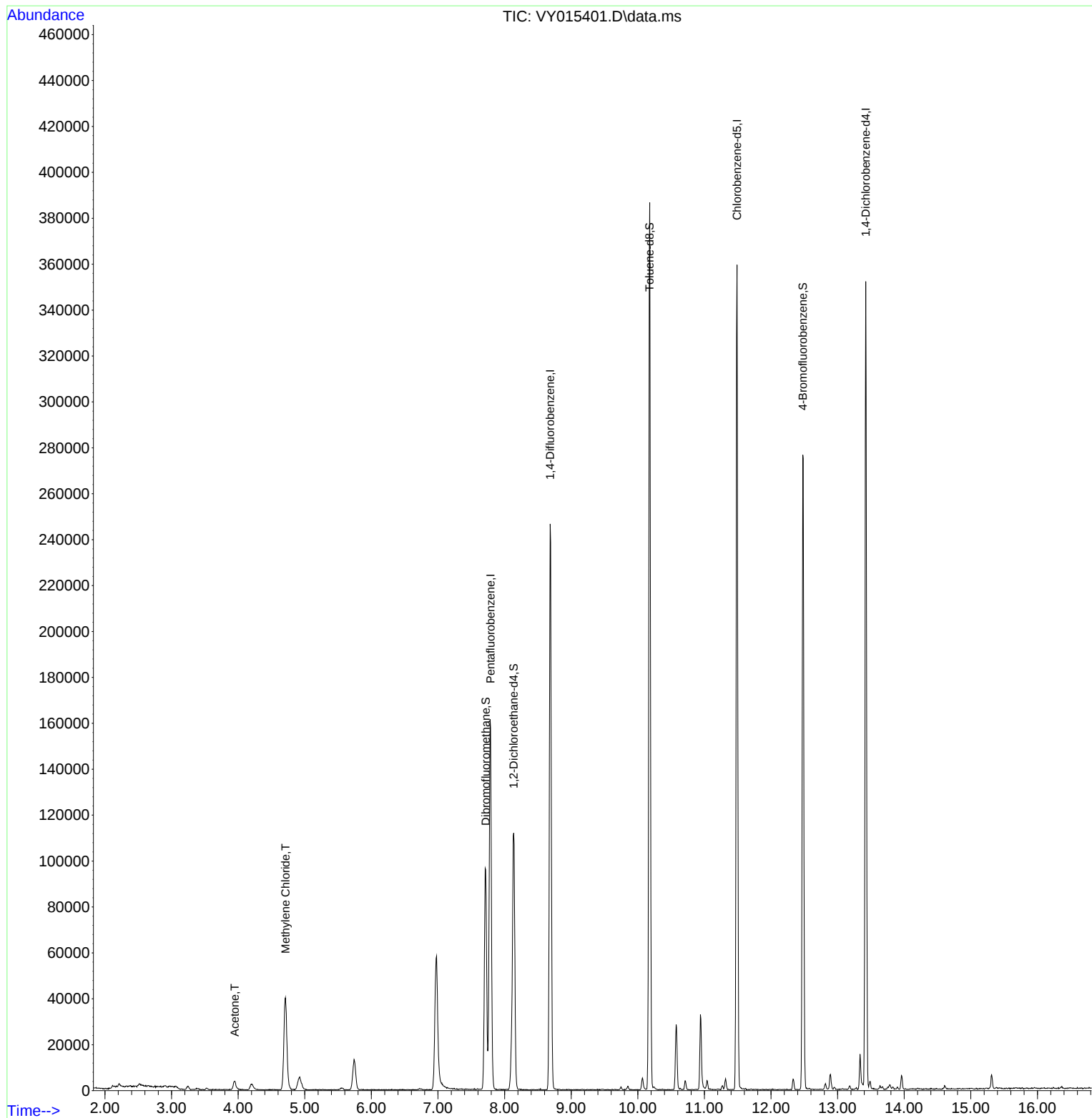
Internal Standards						
1) Pentafluorobenzene	7.789	168	125677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82577	61.293	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.580%
35) Dibromofluoromethane	7.716	113	68032	55.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.179	98	249455	56.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.477	95	82091	49.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.560%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	6914	12.295	ug/l	95
20) Methylene Chloride	4.710	84	30816	12.092	ug/l	92

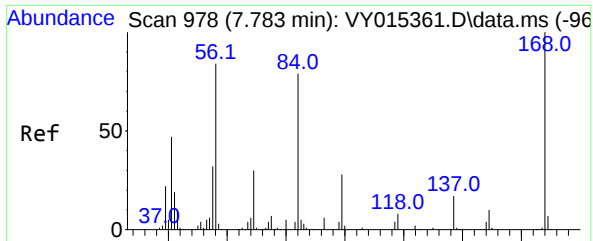
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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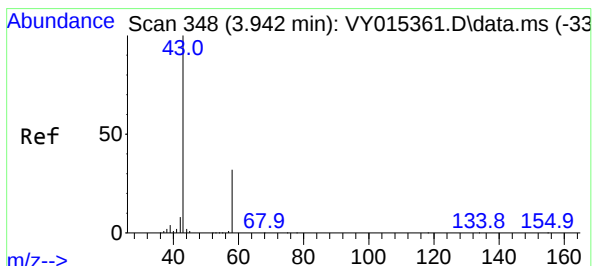
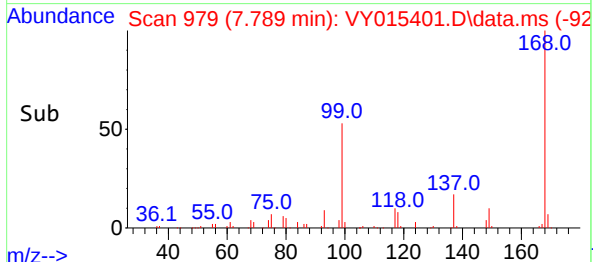
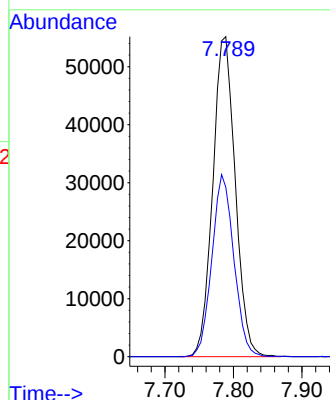
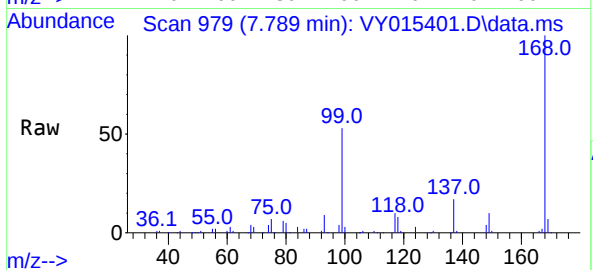




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

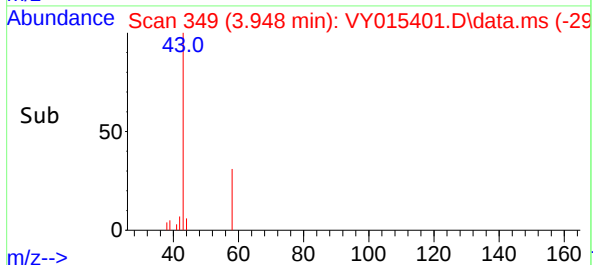
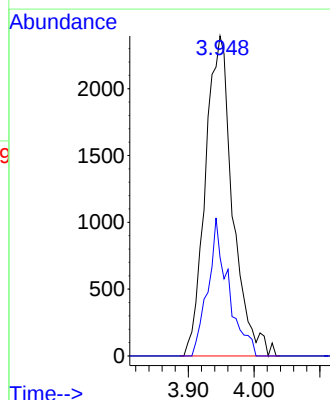
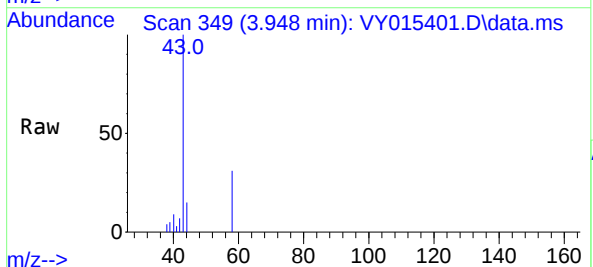
Instrument :
MSVOA_Y
ClientSampleId :
001

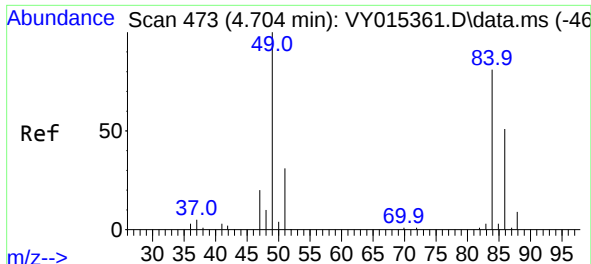
Tgt Ion:168 Resp: 125677
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#16
Acetone
Concen: 12.295 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Tgt Ion: 43 Resp: 6914
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1



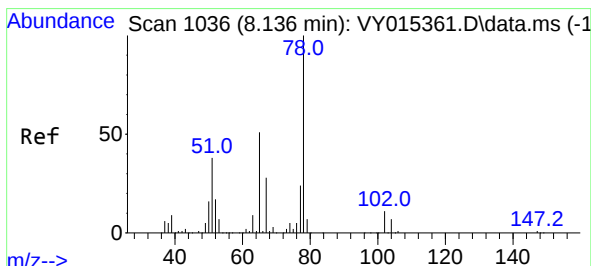
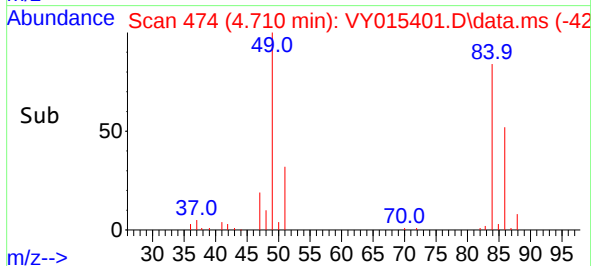
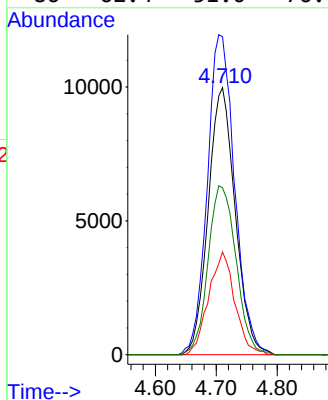
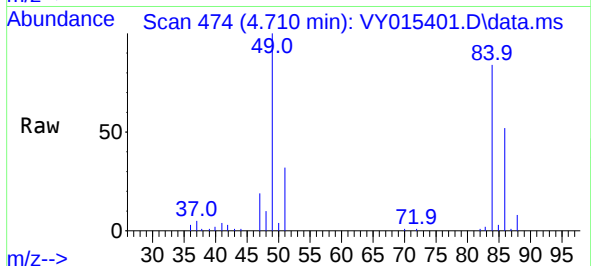


#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
001

Tgt Ion: 84 Resp: 30816

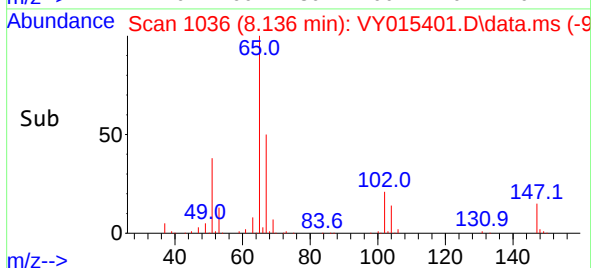
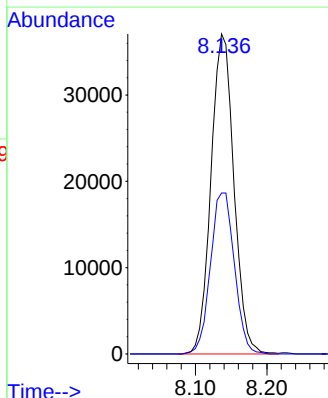
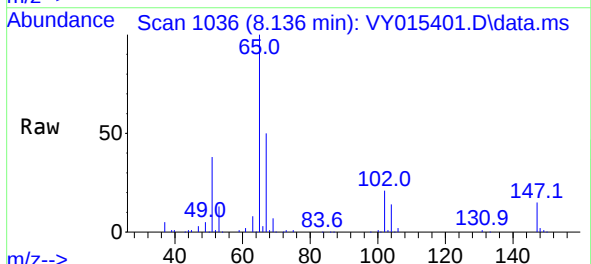
Ion	Ratio	Lower	Upper
84	100		
49	119.0	106.9	160.3
51	38.4	33.2	49.8
86	62.4	51.0	76.6

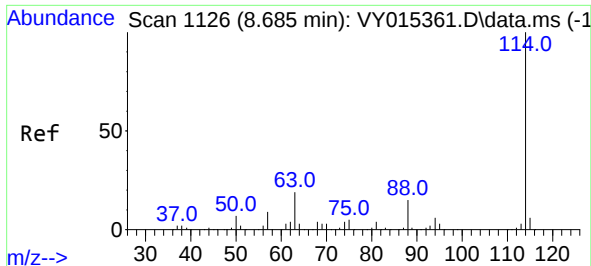


#33
1,2-Dichloroethane-d4
Concen: 61.293 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Tgt Ion: 65 Resp: 82577

Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VY015401.D

Acq: 31 Aug 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

001

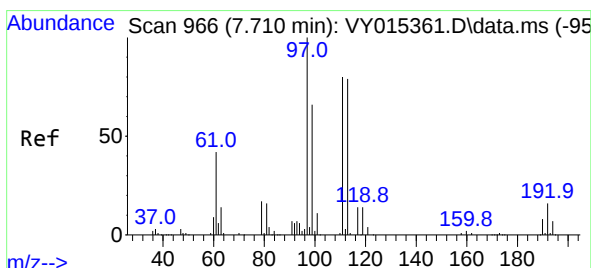
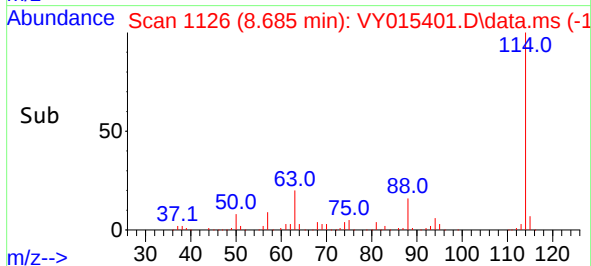
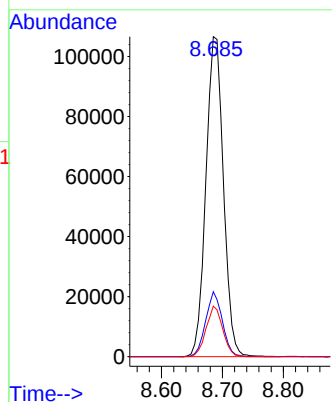
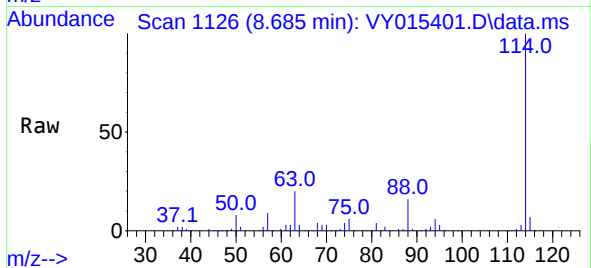
Tgt Ion:114 Resp: 212958

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.464 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015401.D

Acq: 31 Aug 2023 14:15

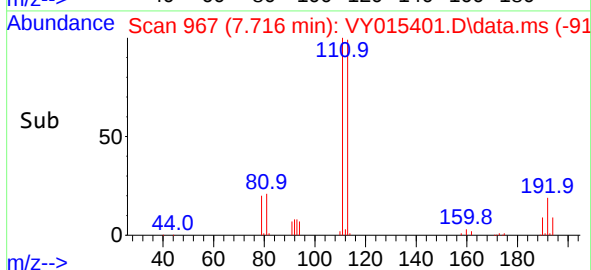
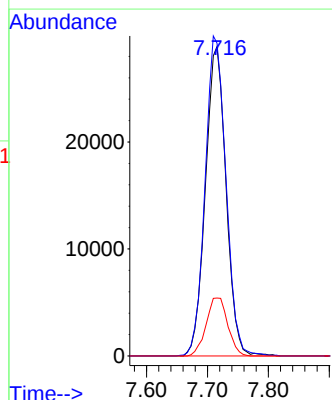
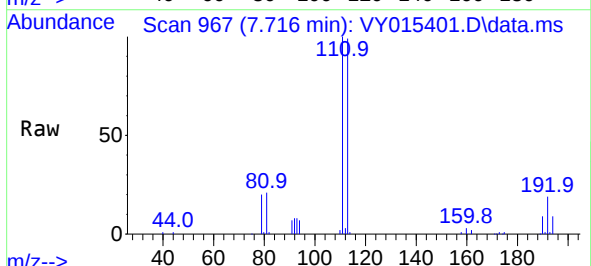
Tgt Ion:113 Resp: 68032

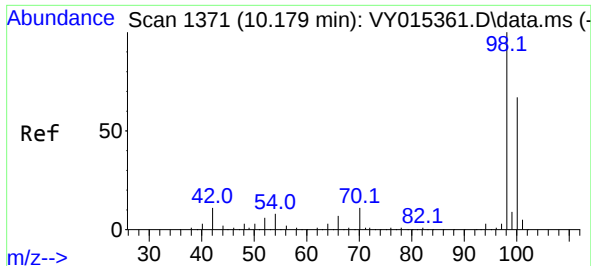
Ion Ratio Lower Upper

113 100

111 104.6 81.3 121.9

192 19.6 16.9 25.3

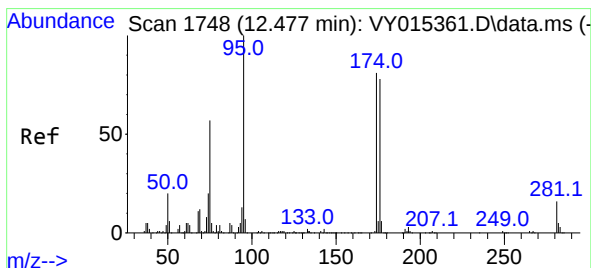
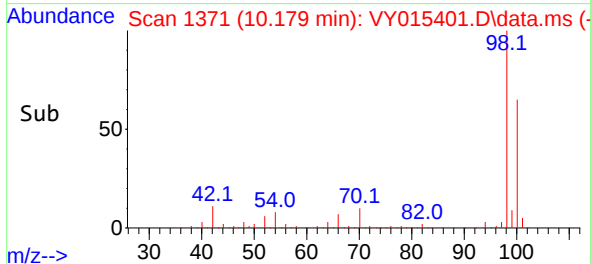
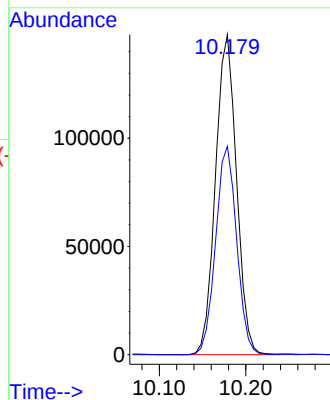
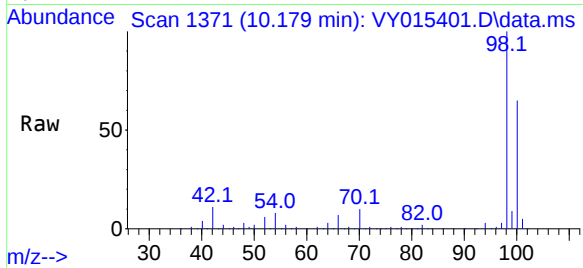




#50
Toluene-d8
Concen: 56.159 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

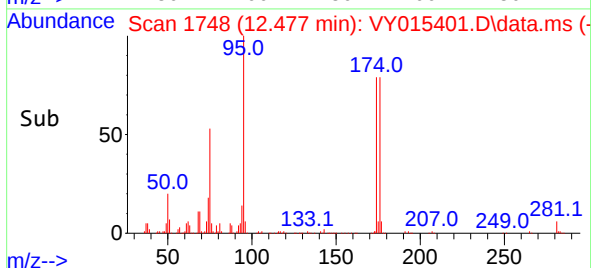
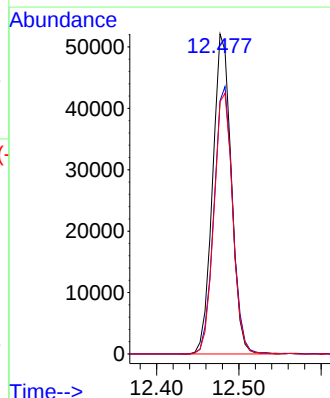
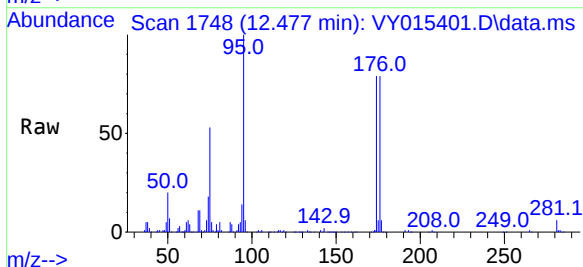
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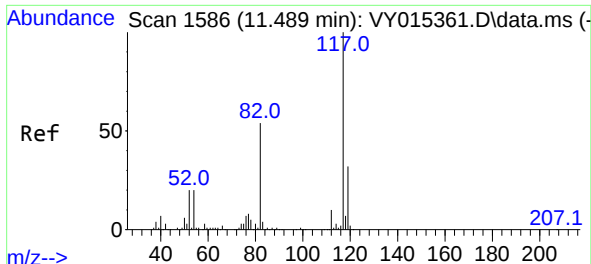
Tgt Ion: 98 Resp: 249455
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.782 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Tgt Ion: 95 Resp: 82091
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.8 0.0 173.8

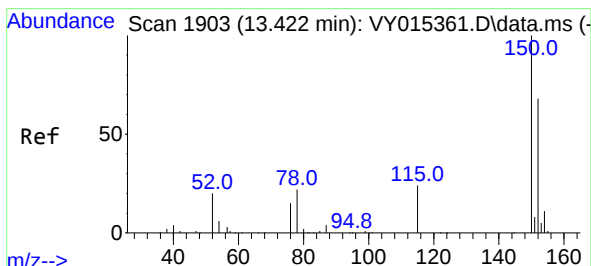
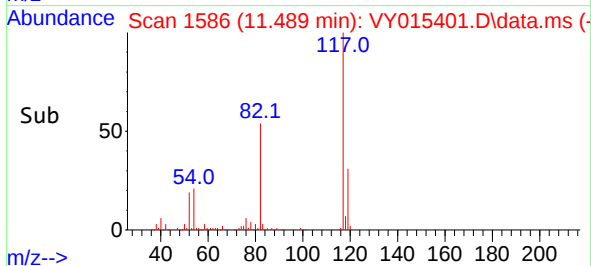
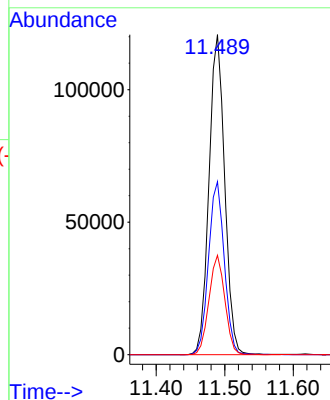
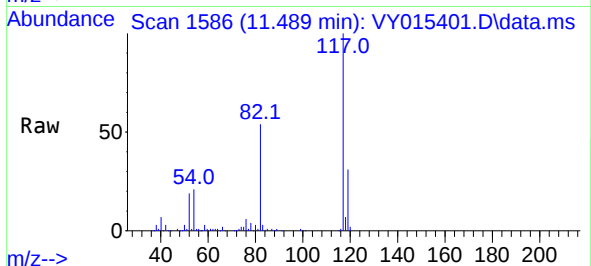




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
001

Tgt Ion:117 Resp: 192712
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015401.D
Acq: 31 Aug 2023 14:15

Tgt Ion:152 Resp: 87935
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 159.1 0.0 348.8

