

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015564.D
 Acq On : 15 Sep 2023 13:07
 Operator : SY/MD
 Sample : 04409-09
 Misc : 11.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3(0-2)GRAB

Quant Time: Sep 15 15:36:55 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)

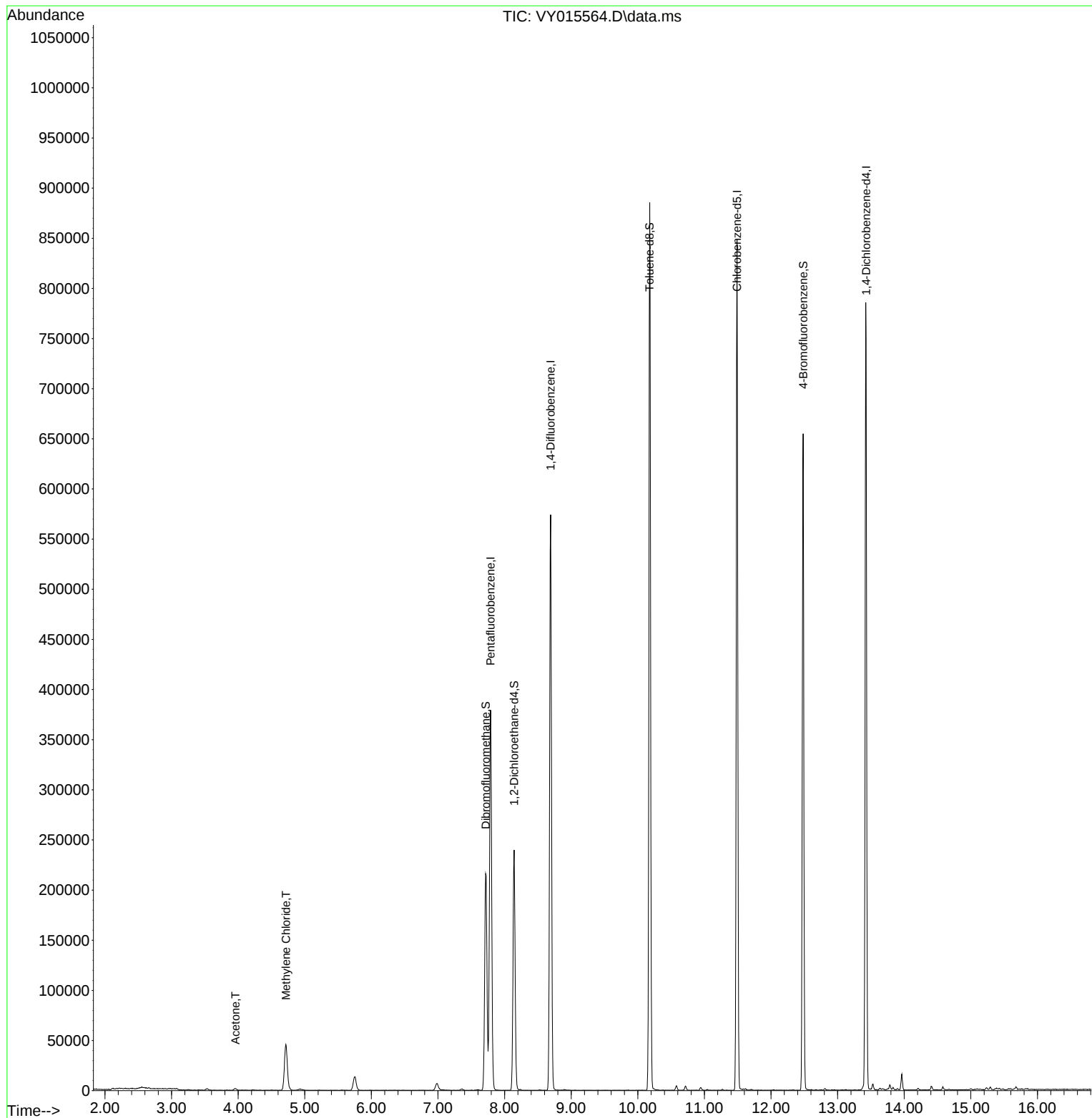
Internal Standards						
1) Pentafluorobenzene	7.789	168	297748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	444648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	183563	57.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.716	113	155172	53.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.860%	
50) Toluene-d8	10.179	98	579367	55.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.483	95	193932	50.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2906	2.181	ug/l	94
20) Methylene Chloride	4.716	84	35047	2.374	ug/l	87

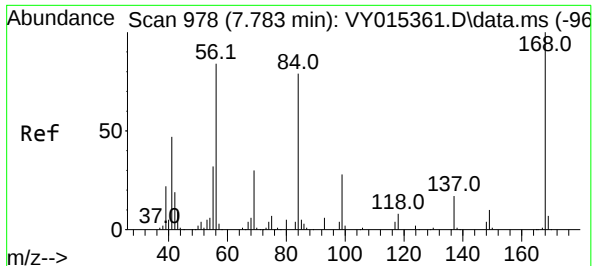
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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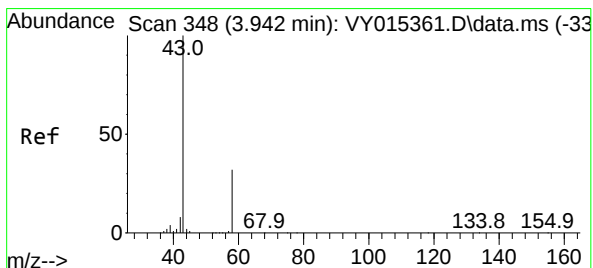
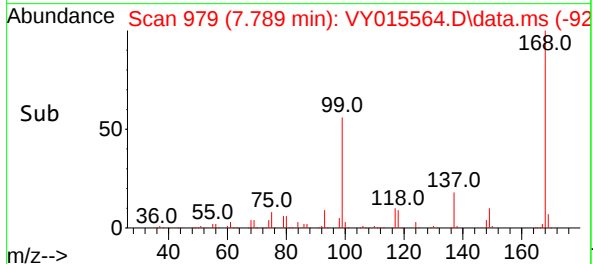
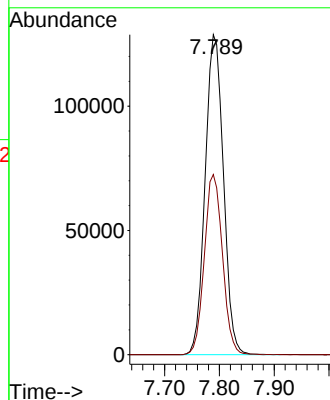
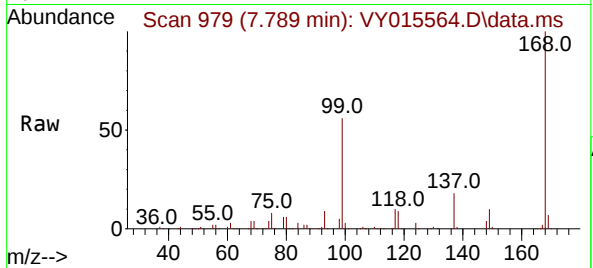




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

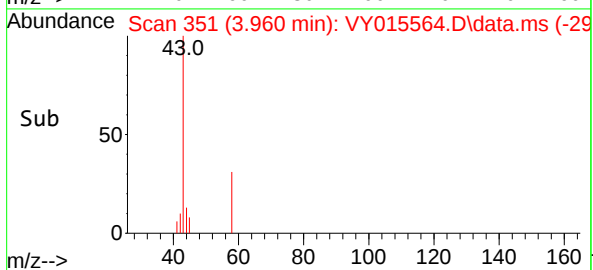
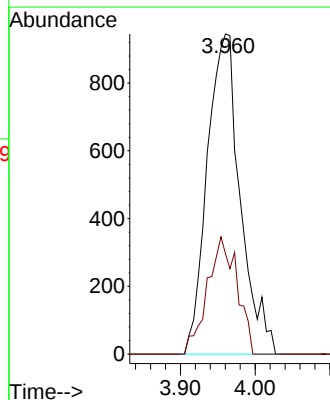
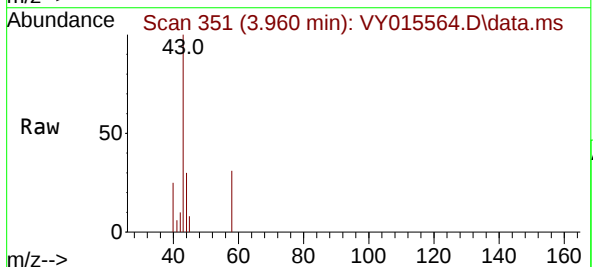
Instrument :
MSVOA_Y
ClientSampleId :
WC-3(0-2)GRAB

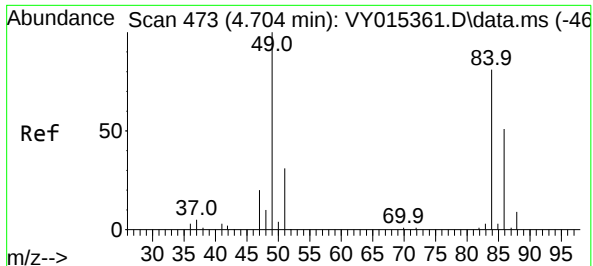
Tgt Ion:168 Resp: 297748
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 2.181 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1



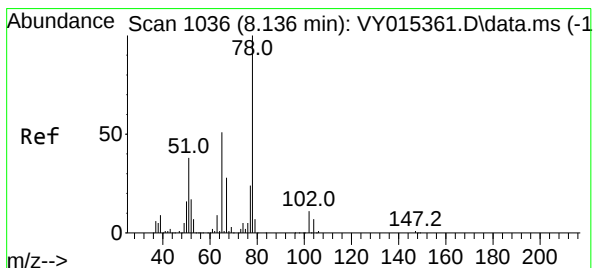
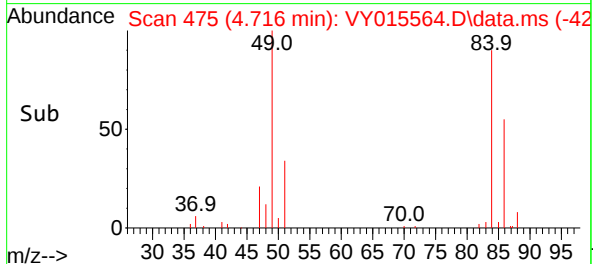
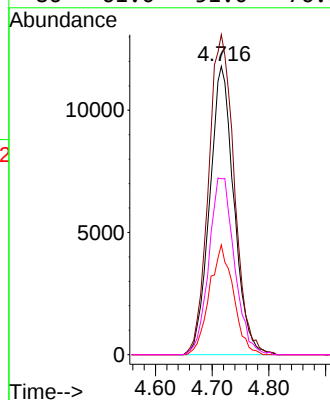
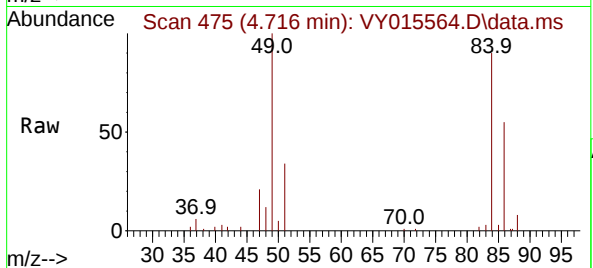


#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(0-2)GRAB

Tgt Ion: 84 Resp: 35047

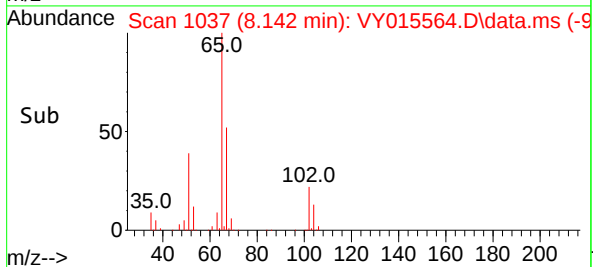
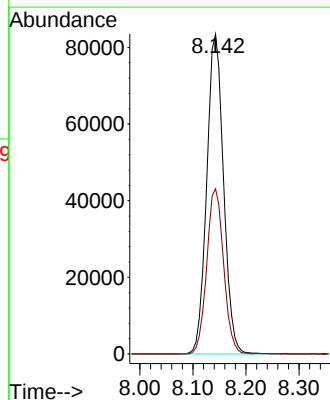
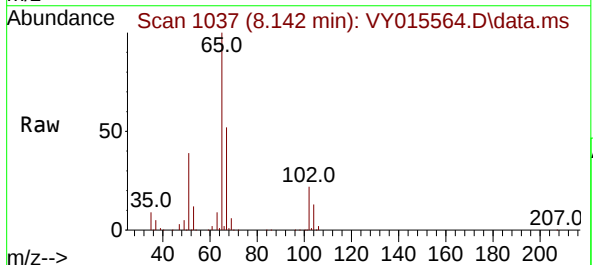
Ion	Ratio	Lower	Upper
84	100		
49	111.0	106.9	160.3
51	38.1	33.2	49.8
86	61.0	51.0	76.6

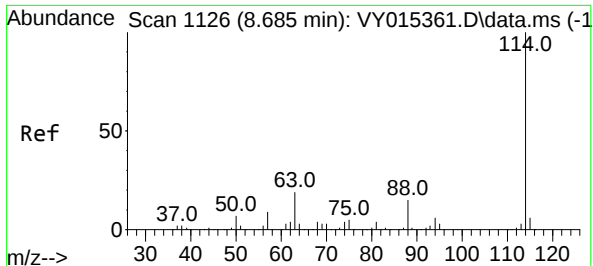


#33
1,2-Dichloroethane-d4
Concen: 57.511 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 65 Resp: 183563

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-3(0-2)GRAB

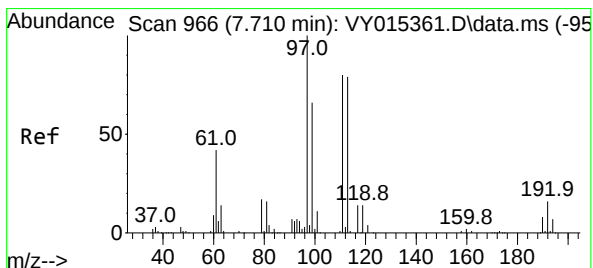
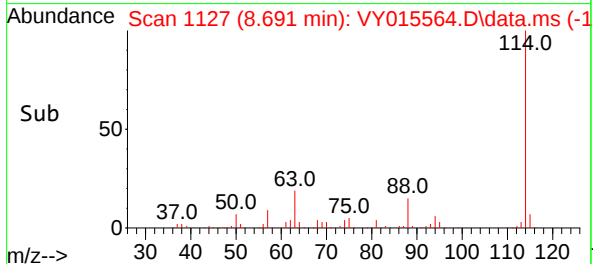
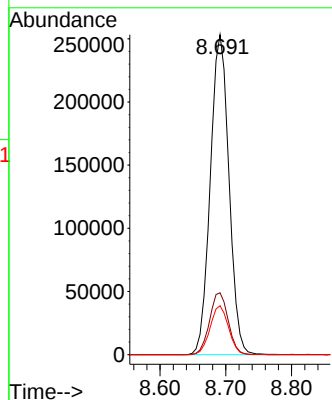
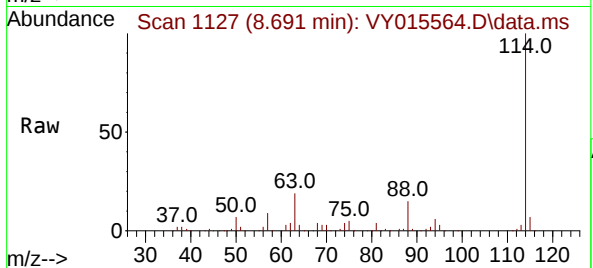
Tgt Ion:114 Resp: 499502

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.935 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015564.D

Acq: 15 Sep 2023 13:07

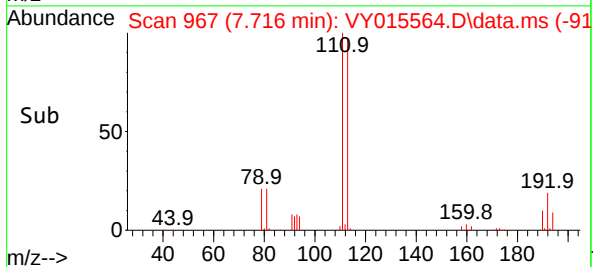
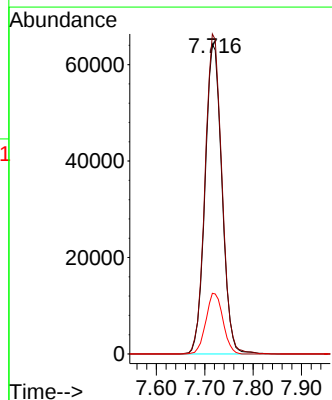
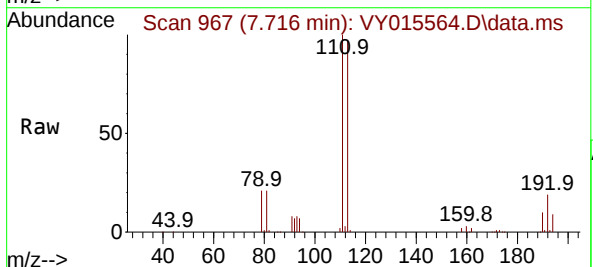
Tgt Ion:113 Resp: 155172

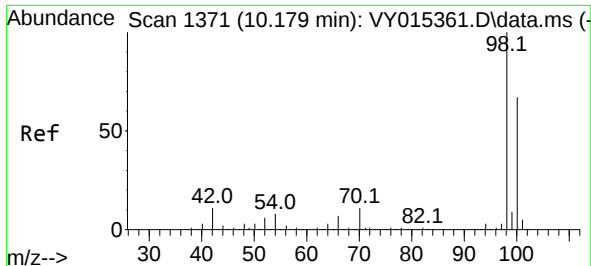
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.9 16.9 25.3

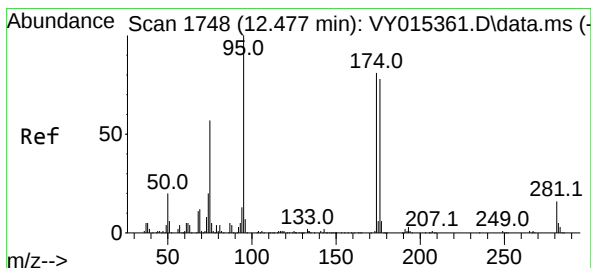
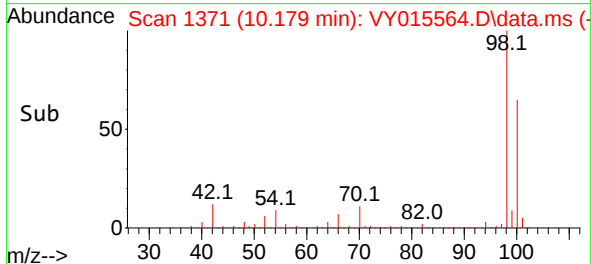
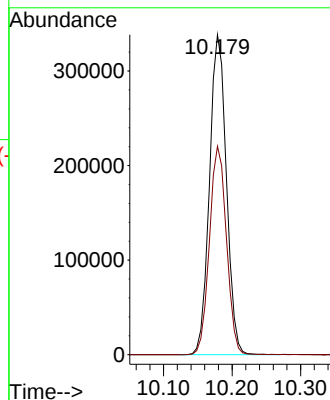
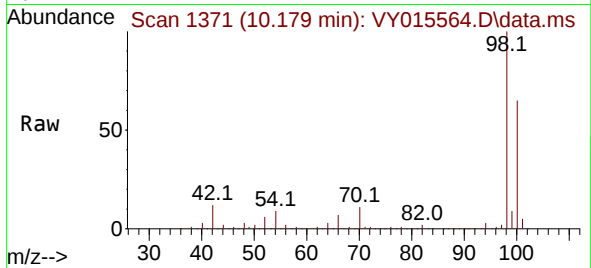




#50
Toluene-d8
Concen: 55.608 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

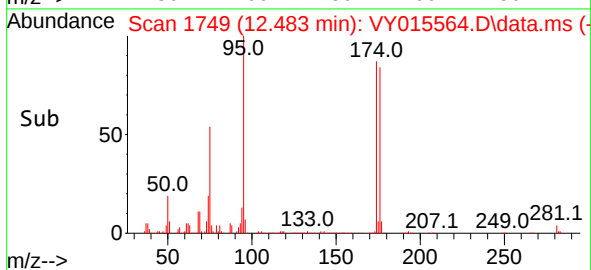
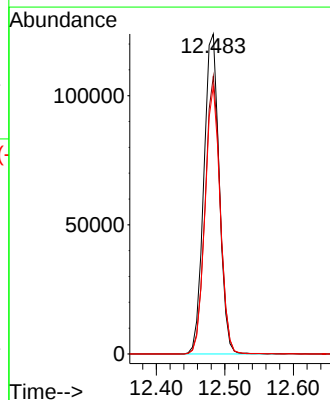
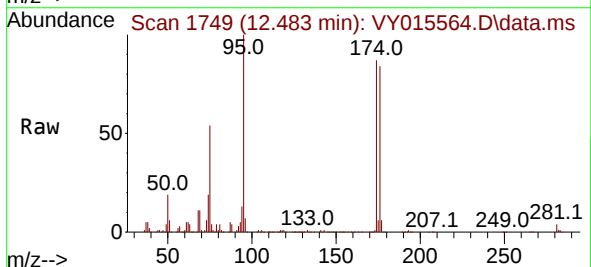
Instrument :
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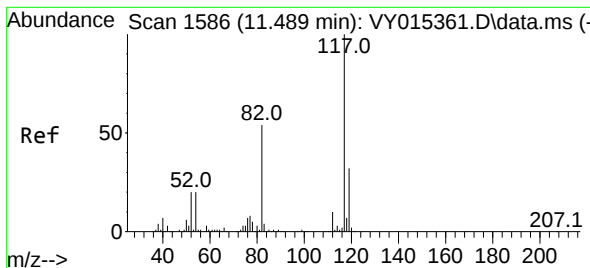
Tgt Ion: 98 Resp: 579367
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion: 95 Resp: 193932
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.1 0.0 173.8

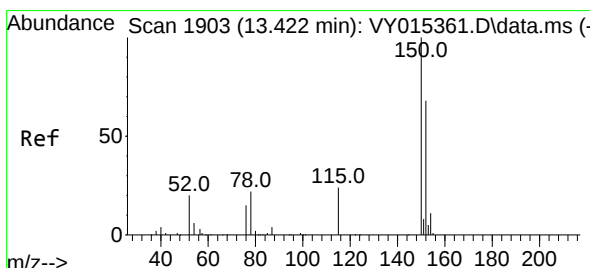
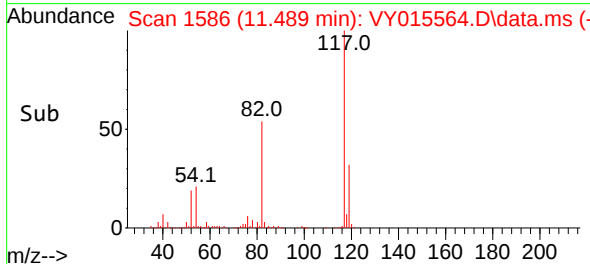
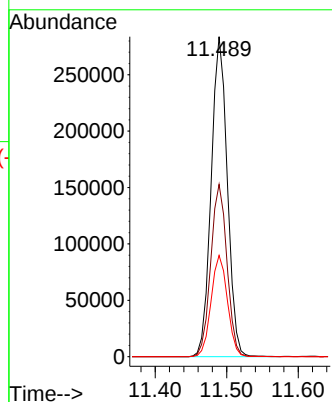
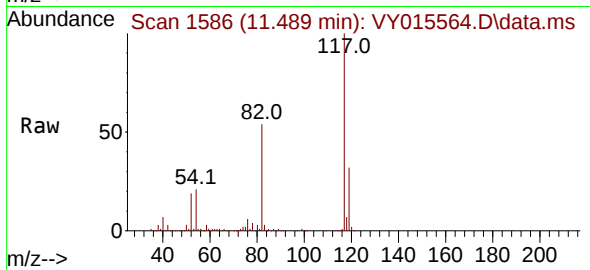




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-3(0-2)GRAB

Tgt Ion:117 Resp: 444648
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015564.D
Acq: 15 Sep 2023 13:07

Tgt Ion:152 Resp: 204171
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 157.2 0.0 348.8

