

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015961.D
 Acq On : 13 Oct 2023 16:39
 Operator : SY/MD
 Sample : 04844-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-06RE

Quant Time: Oct 13 17:55:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

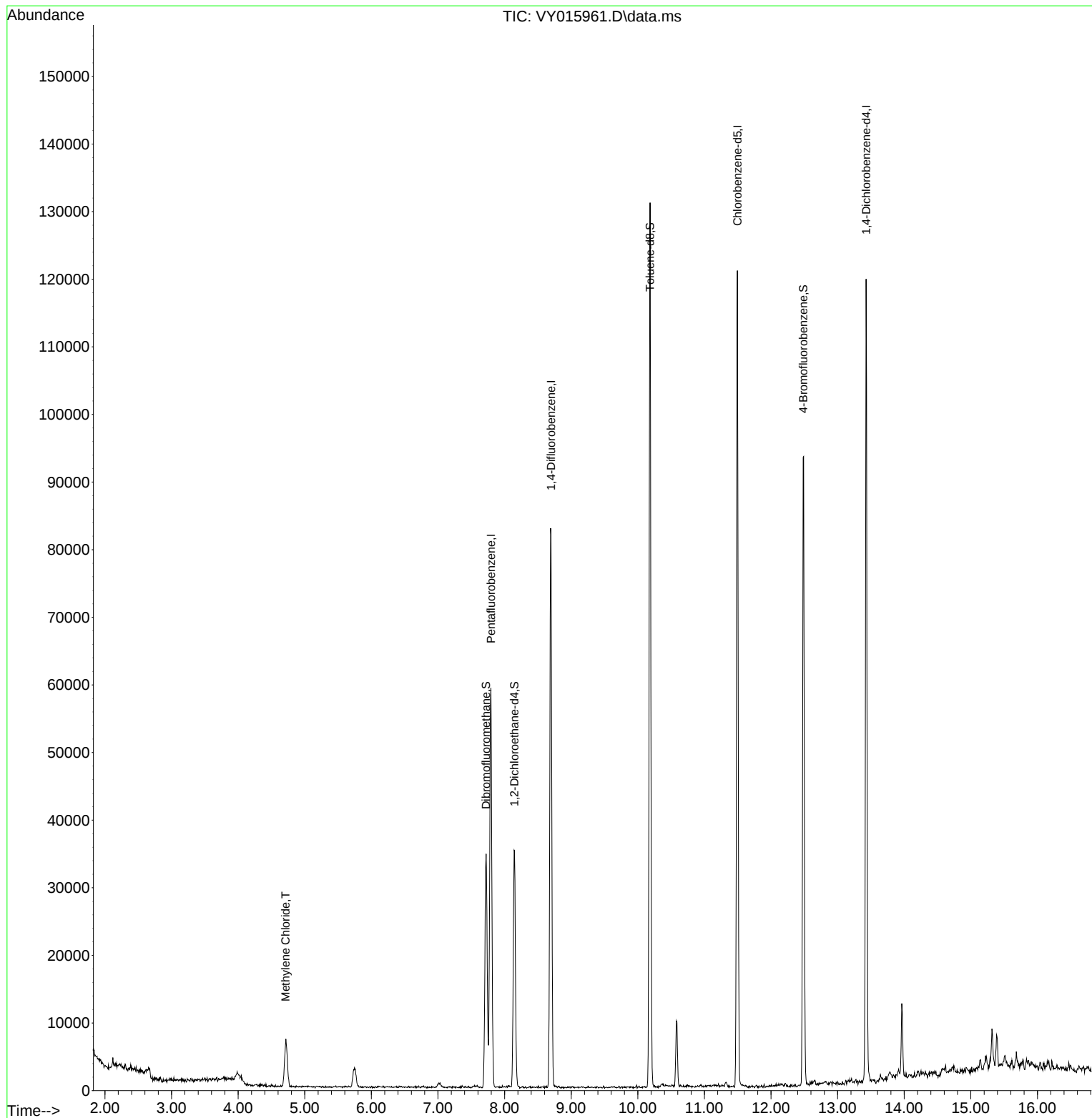
Internal Standards						
1) Pentafluorobenzene	7.795	168	46320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	72856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	66239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28037	53.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.080%
35) Dibromofluoromethane	7.722	113	25416	55.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.185	98	85574	49.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.483	95	26895	43.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.940%
Target Compounds						
20) Methylene Chloride	4.710	84	5541	5.777	ug/l	Qvalue # 81

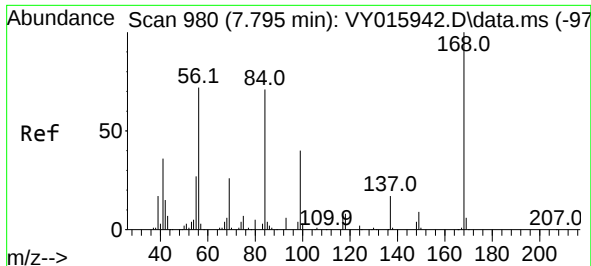
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015961.D
Acq On : 13 Oct 2023 16:39
Operator : SY/MD
Sample : 04844-05RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06RE

Quant Time: Oct 13 17:55:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

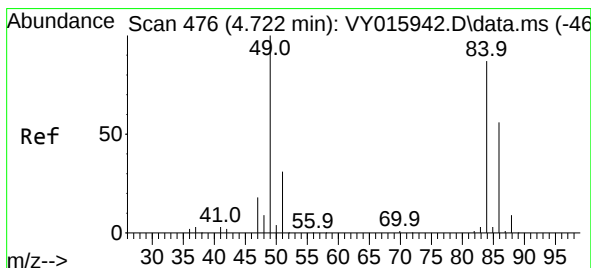
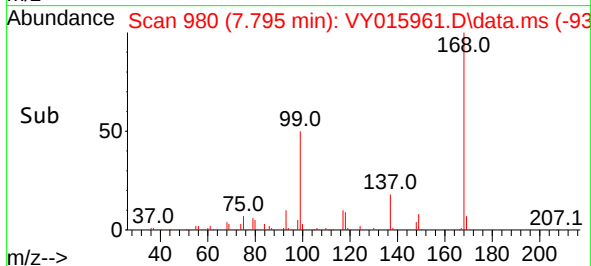
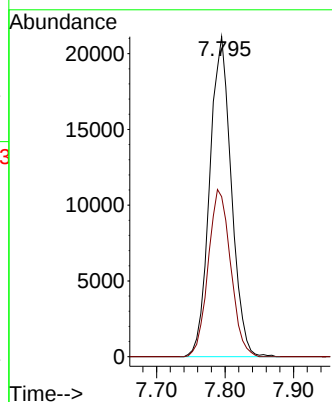
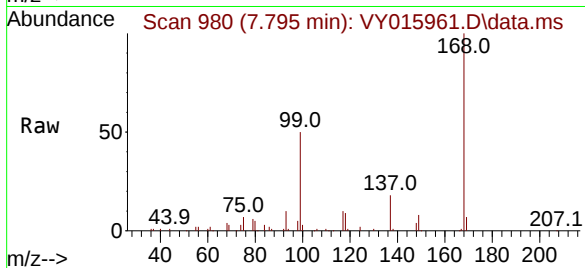




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

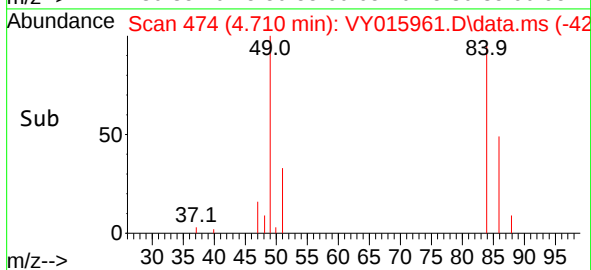
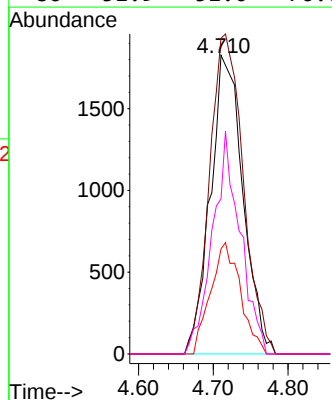
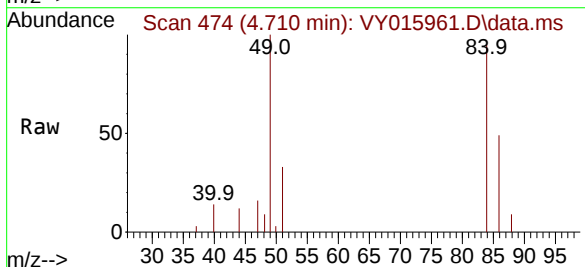
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06RE

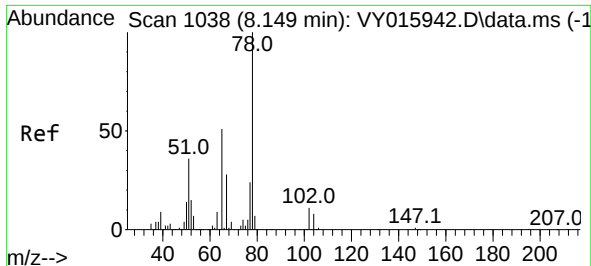
Tgt Ion:168 Resp: 46320
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#20
Methylene Chloride
Concen: 5.777 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 84 Resp: 5541
Ion Ratio Lower Upper
84 100
49 105.7 106.9 160.3#
51 35.1 33.2 49.8
86 51.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.036 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015961.D

Acq: 13 Oct 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

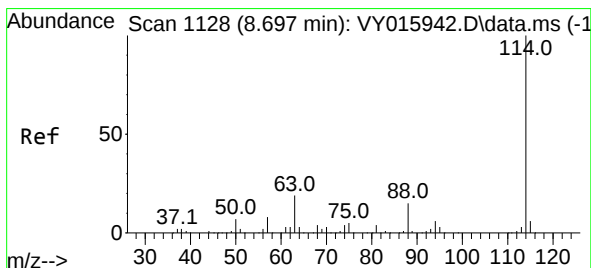
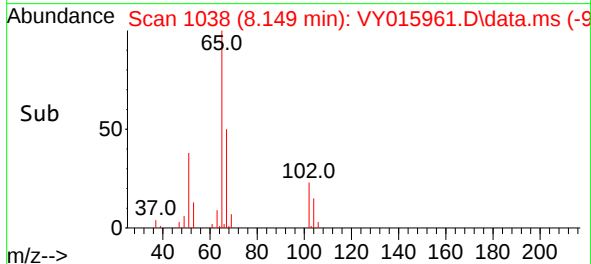
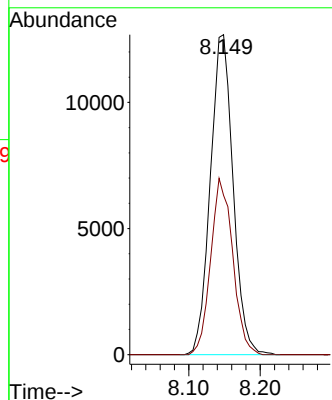
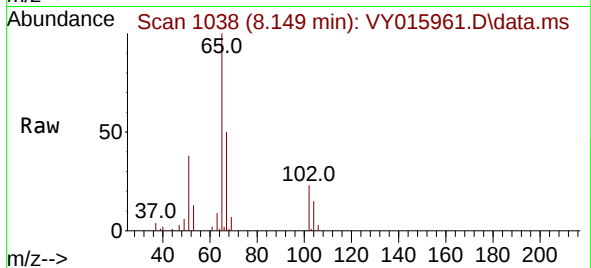
OR-603-COMP-06RE

Tgt Ion: 65 Resp: 28037

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015961.D

Acq: 13 Oct 2023 16:39

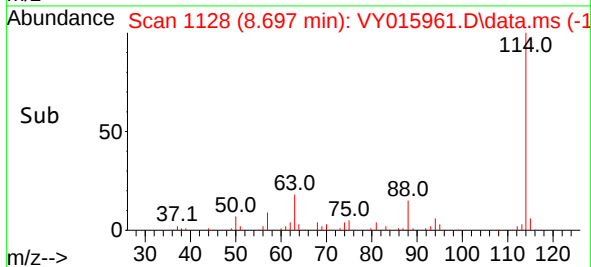
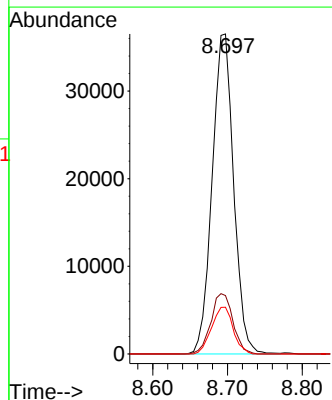
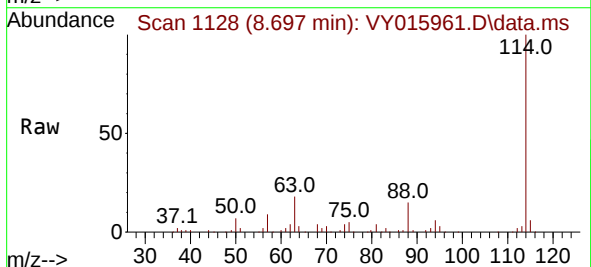
Tgt Ion: 114 Resp: 72856

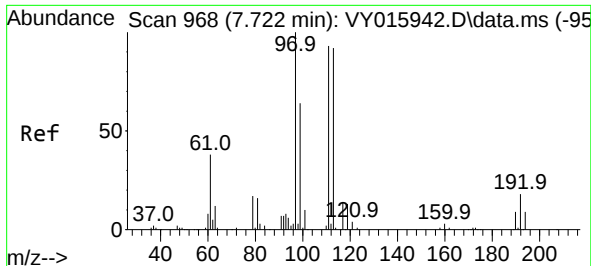
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.6 0.0 30.6

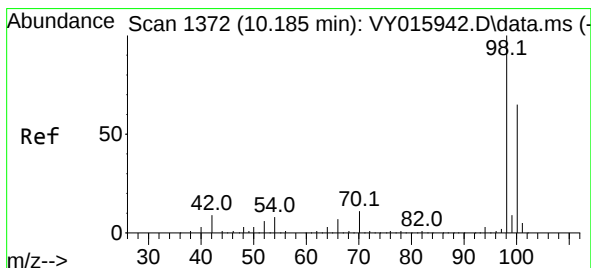
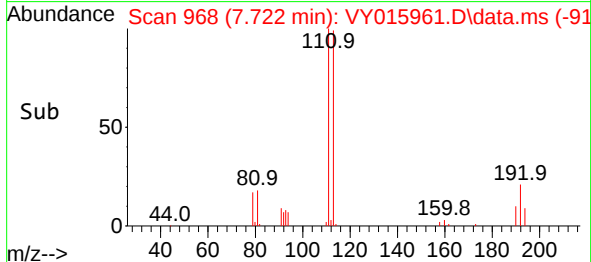
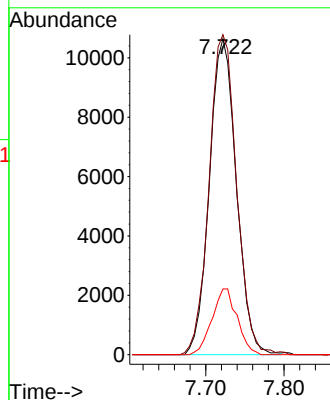
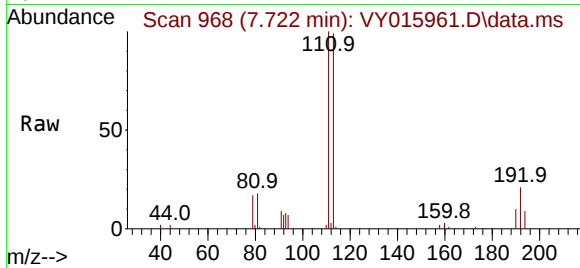




#35
Dibromofluoromethane
Concen: 55.413 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

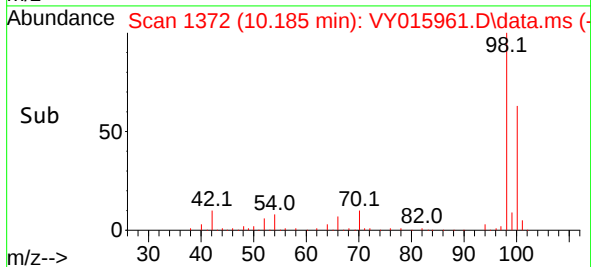
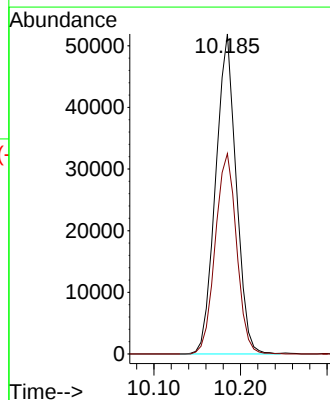
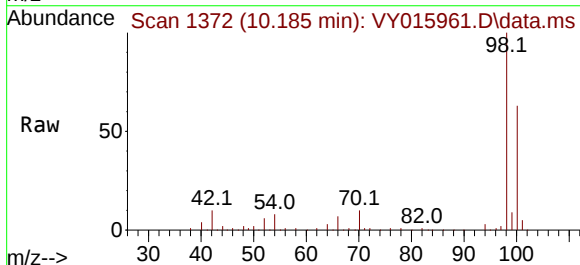
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06RE

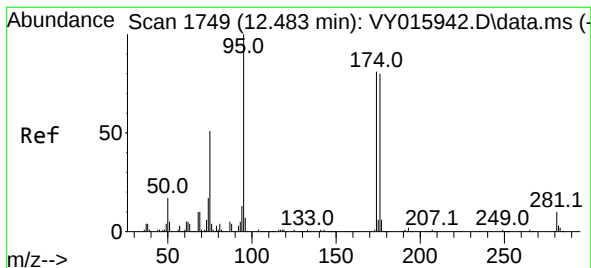
Tgt Ion:113 Resp: 25416
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 49.820 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 98 Resp: 85574
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

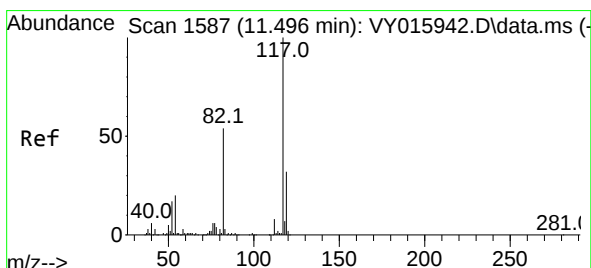
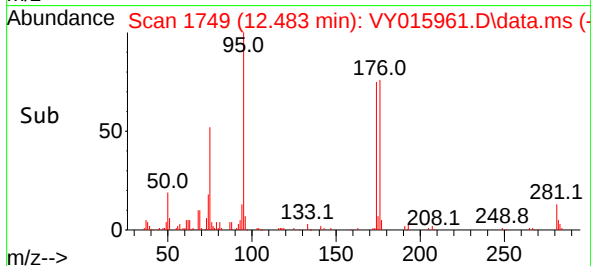
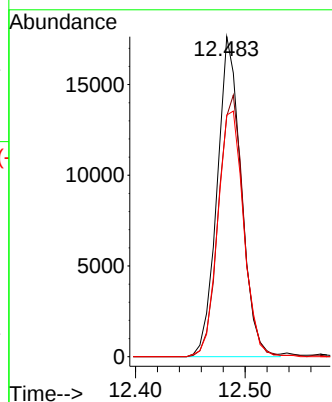
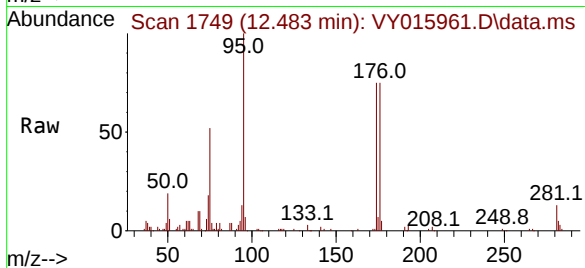




#62
4-Bromofluorobenzene
Concen: 43.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

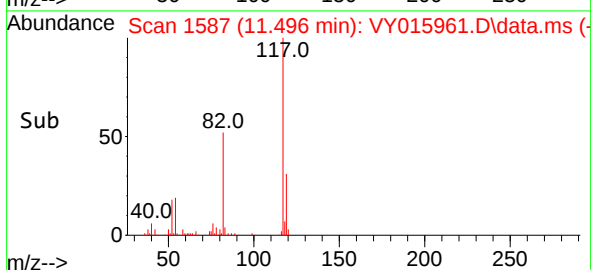
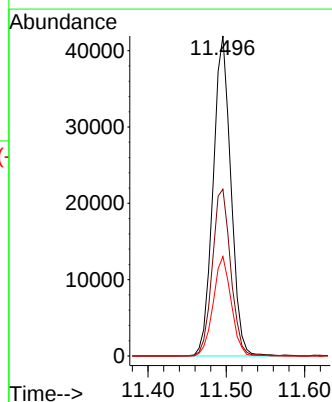
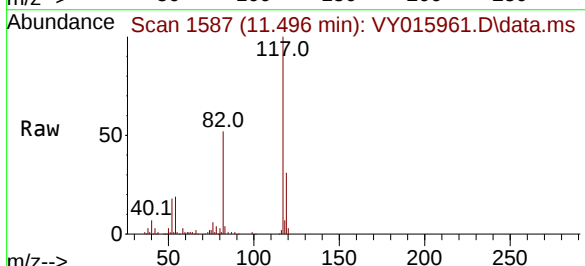
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06RE

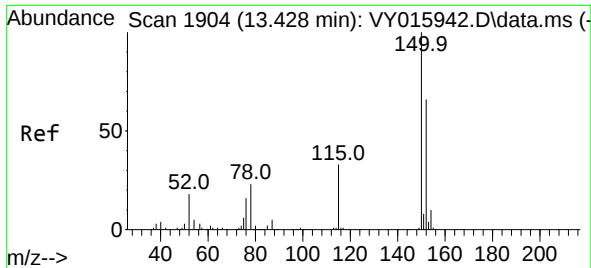
Tgt Ion: 95 Resp: 26895
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015961.D
Acq: 13 Oct 2023 16:39

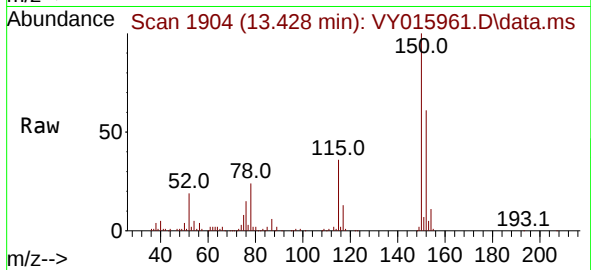
Tgt Ion: 117 Resp: 66239
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015961.D
 Acq: 13 Oct 2023 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-06RE



Tgt Ion:	152	Resp:	29092
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.8	86.5
150	159.9	0.0	348.8

