

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007815.D
 Acq On : 09 Mar 2022 21:24
 Operator : SY/MD
 Sample : N1825-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-32

Quant Time: Mar 10 01:06:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

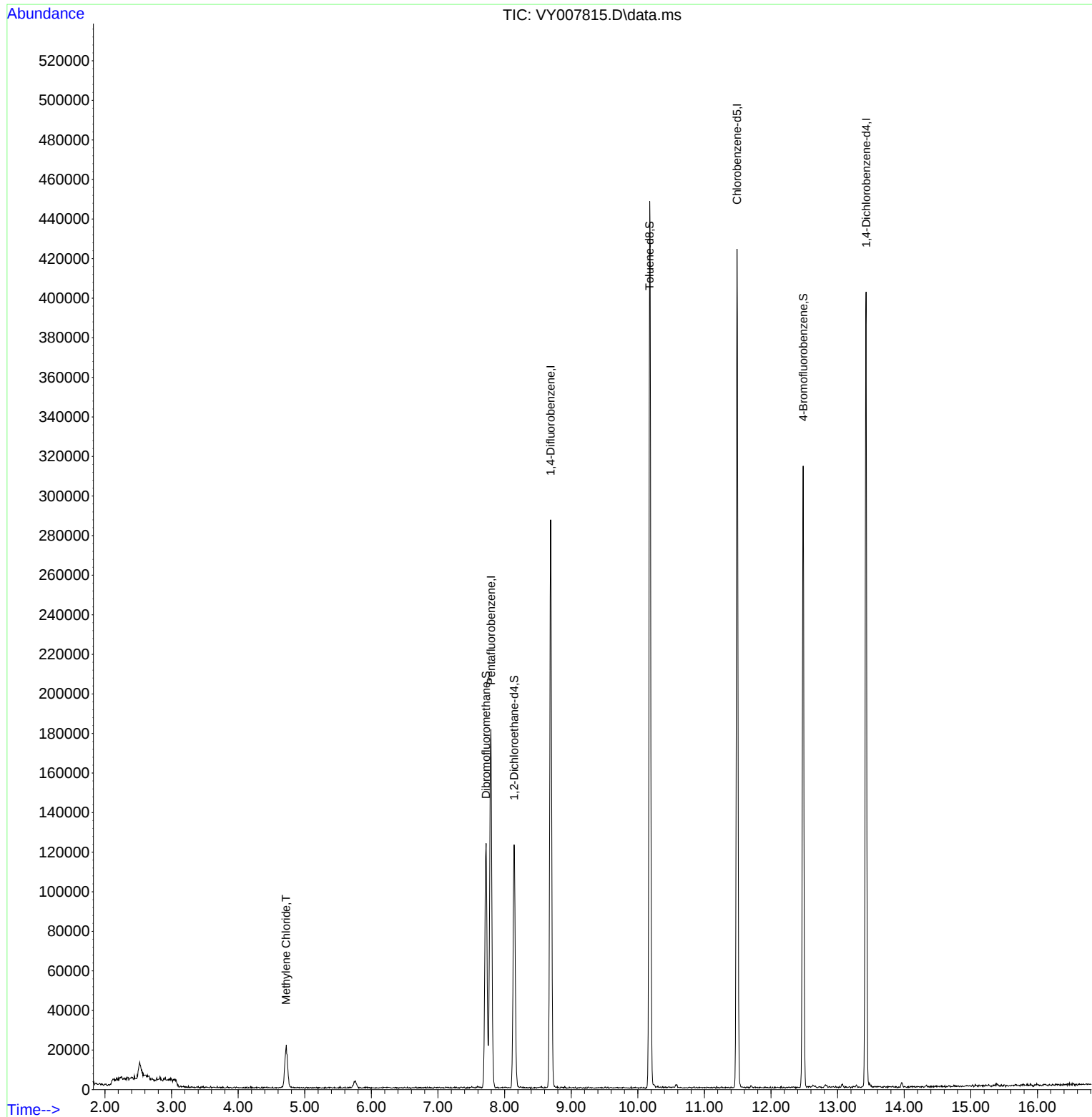
Internal Standards						
1) Pentafluorobenzene	7.795	168	136696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92823	64.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.720%	
35) Dibromofluoromethane	7.722	113	83541	55.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.400%	
50) Toluene-d8	10.179	98	292968	52.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	12.483	95	85142	47.411	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.820%	
Target Compounds						
20) Methylene Chloride	4.716	84	14506	6.606	ug/l	Qvalue # 78

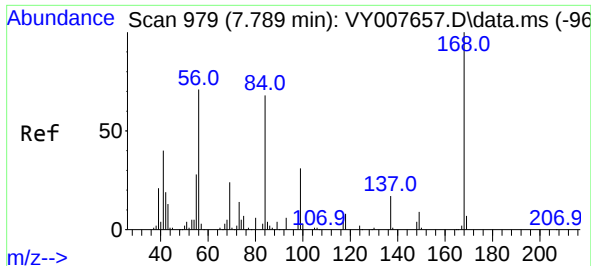
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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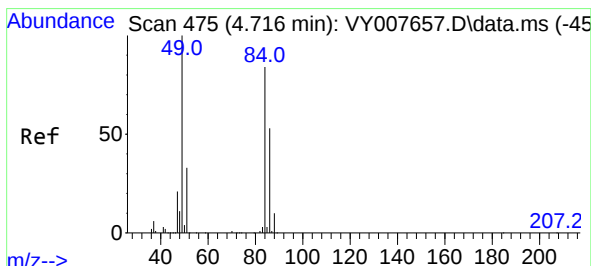
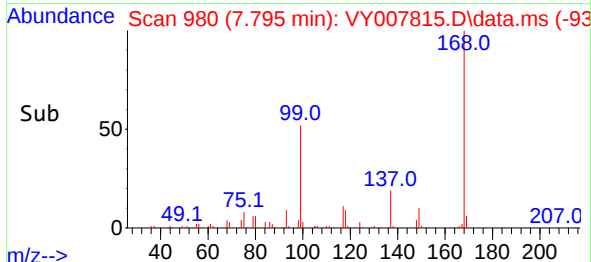
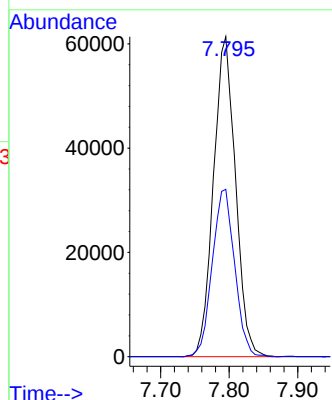
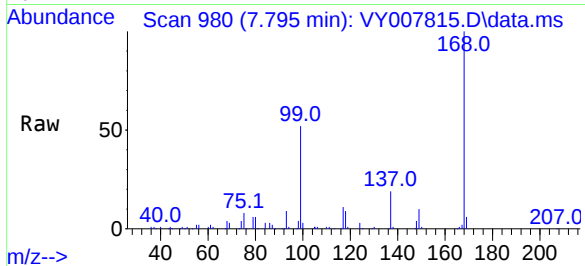




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

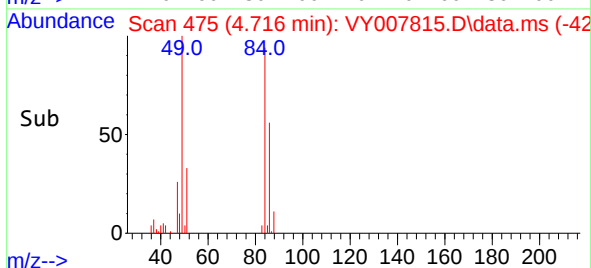
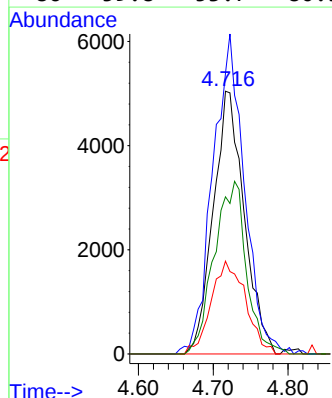
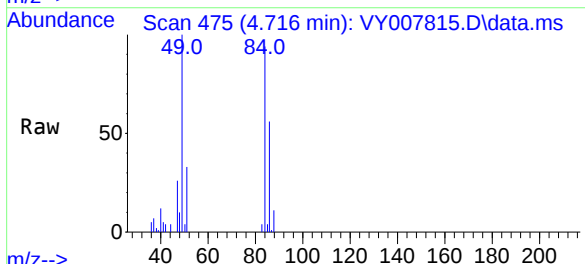
Instrument :
MSVOA_Y
ClientSampleId :
DUM-32

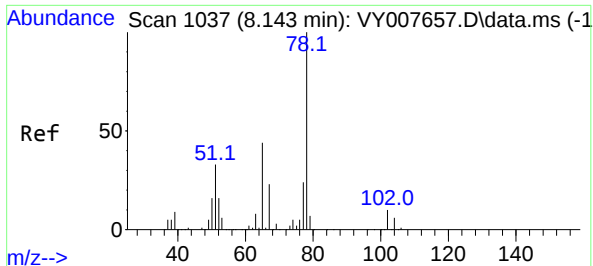
Tgt Ion:168 Resp: 136696
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#20
Methylene Chloride
Concen: 6.606 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 84 Resp: 14506
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 35.3 35.3 52.9
86 59.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 64.862 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

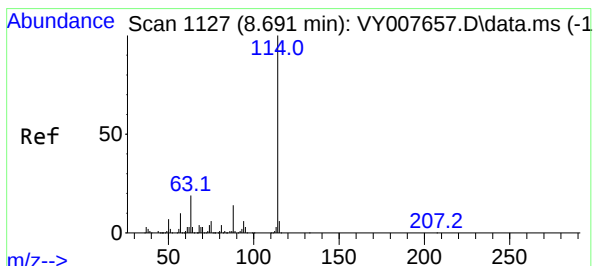
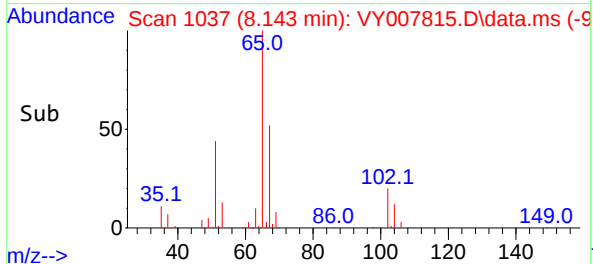
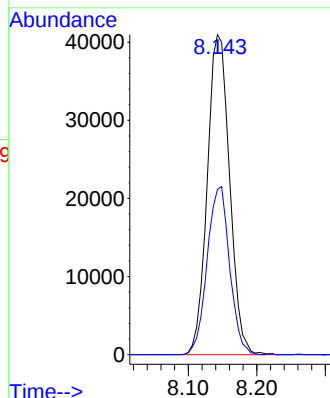
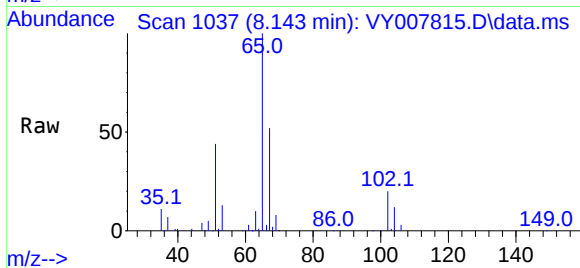
DUM-32

Tgt Ion: 65 Resp: 92823

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

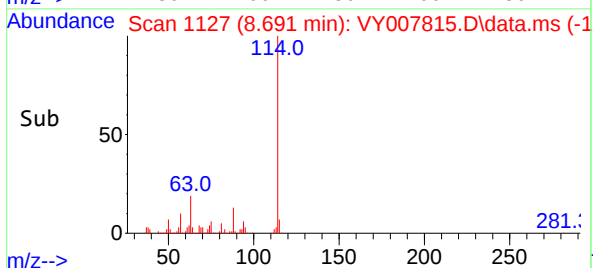
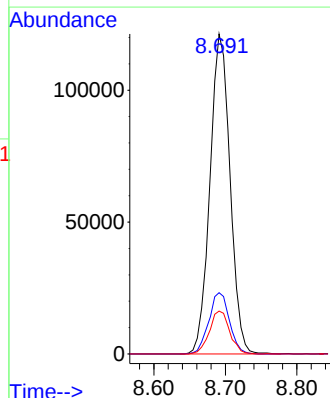
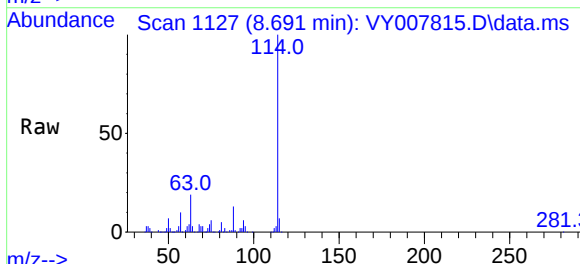
Tgt Ion: 114 Resp: 236726

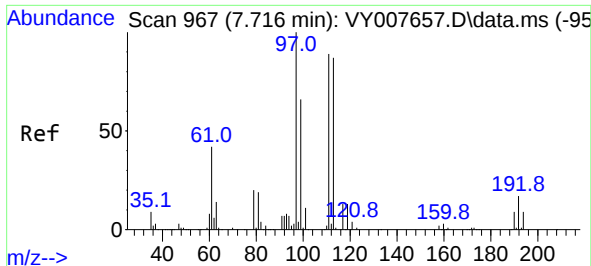
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.4 0.0 31.8

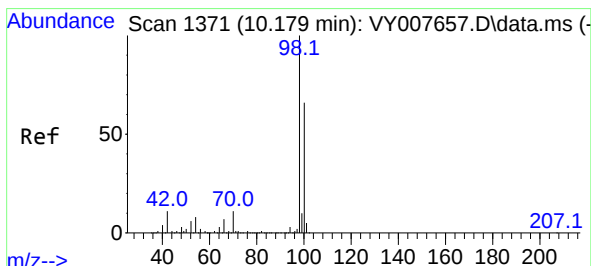
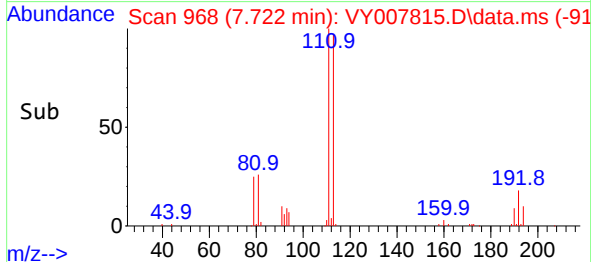
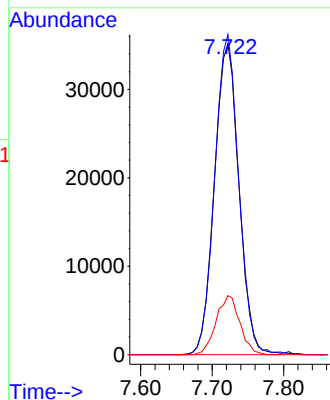
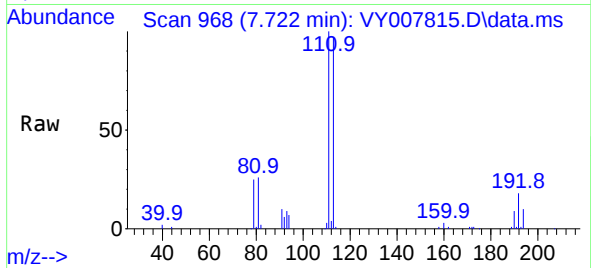




#35
Dibromofluoromethane
Concen: 55.199 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

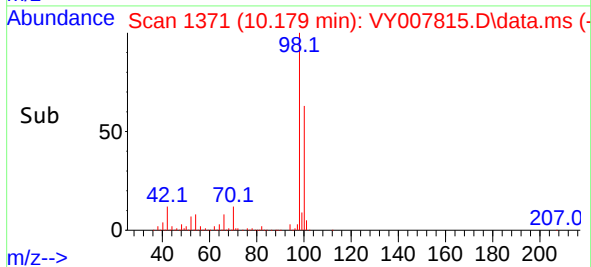
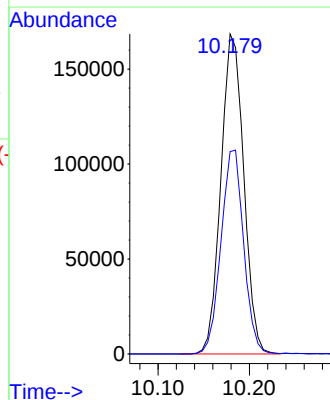
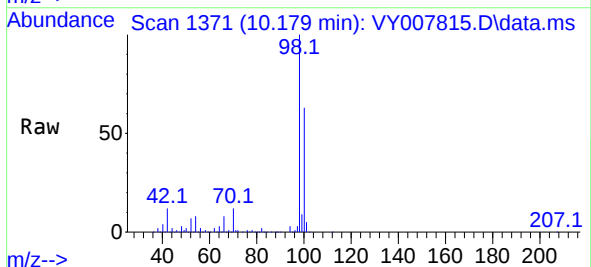
Instrument :
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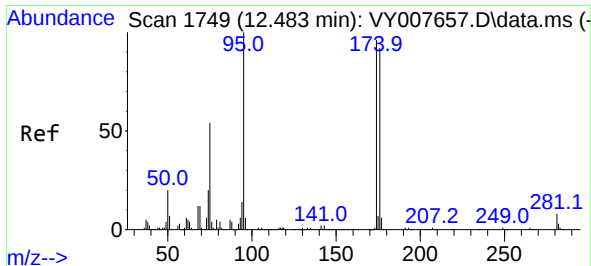
Tgt Ion:113 Resp: 83541
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.4 17.6 26.4



#50
Toluene-d8
Concen: 52.587 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 98 Resp: 292968
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

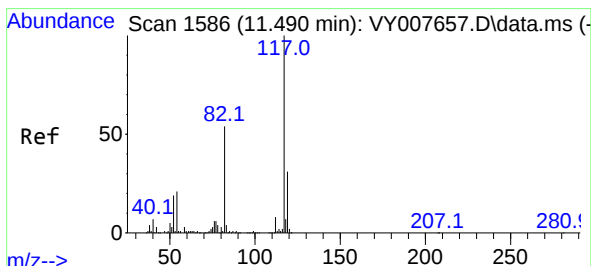
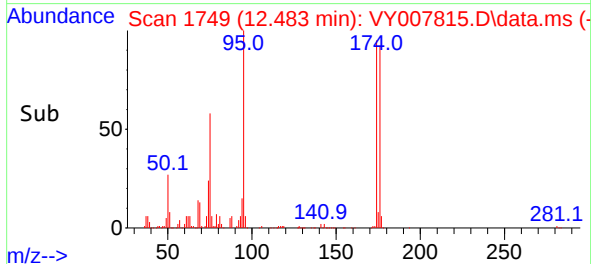
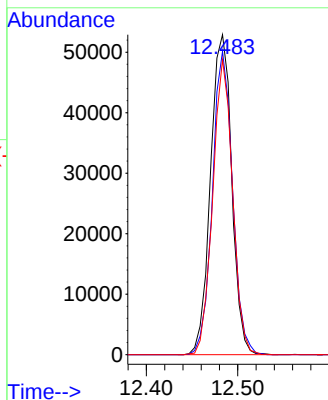
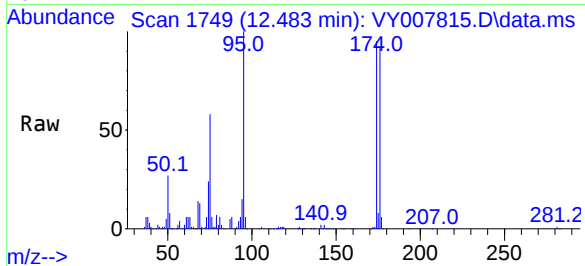




#62
4-Bromofluorobenzene
Concen: 47.411 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

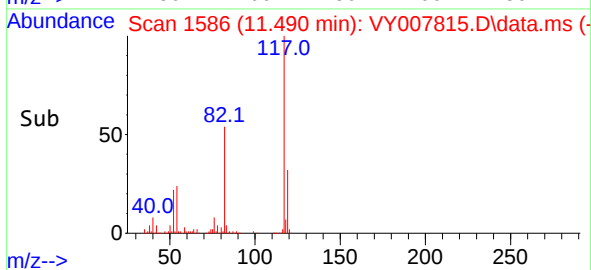
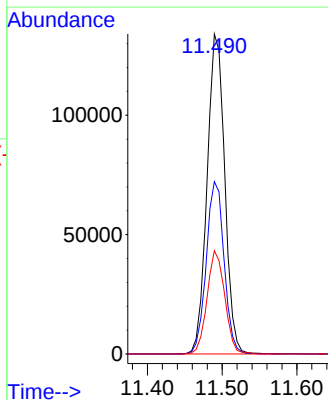
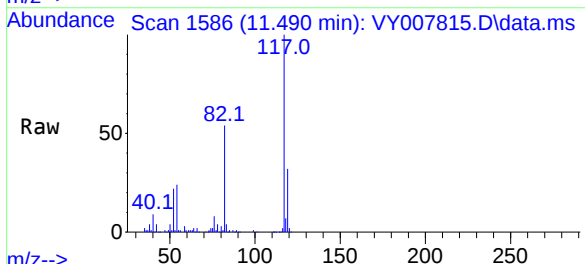
Instrument :
MSVOA_Y
ClientSampleId :
DUM-32

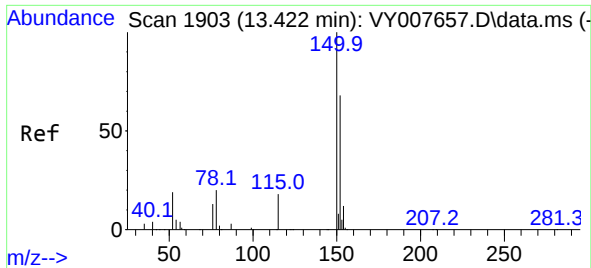
Tgt Ion: 95 Resp: 85142
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

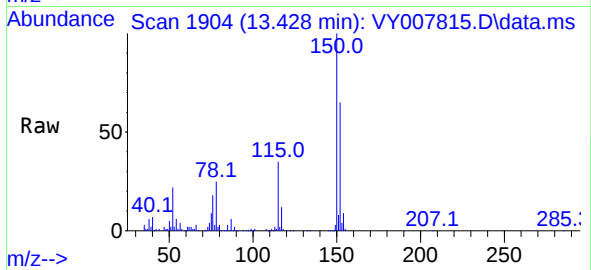
Tgt Ion: 117 Resp: 220535
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007815.D
 Acq: 09 Mar 2022 21:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-32



Tgt Ion:152 Resp: 96839
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 156.5 0.0 347.6

