

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015272.D
 Acq On : 23 Aug 2023 02:36
 Operator : SY/MD
 Sample : 04110-14
 Misc : 3.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21(3-4)

Quant Time: Aug 23 05:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

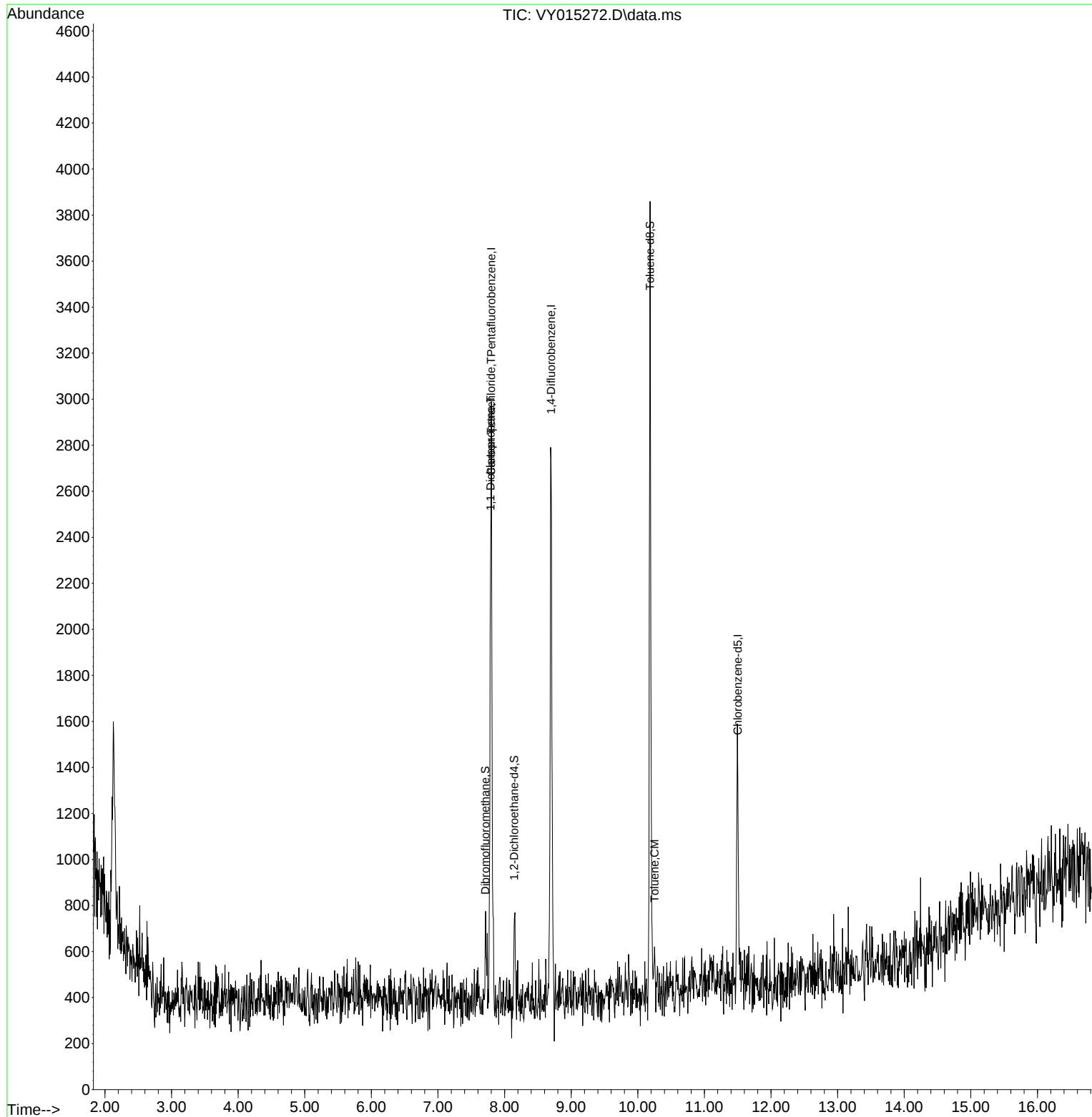
Internal Standards						
1) Pentafluorobenzene	7.801	168	2190	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.697	114	2764	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	789	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	275	10.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.920%#
35) Dibromofluoromethane	7.710	113	280	15.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.500%#
50) Toluene-d8	10.185	98	2259	34.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.260%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	19	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	95	4.829	ug/l #	41
38) Carbon Tetrachloride	7.795	117	113	4.854	ug/l #	12
52) Toluene	10.252	92	75	1.913	ug/l	89

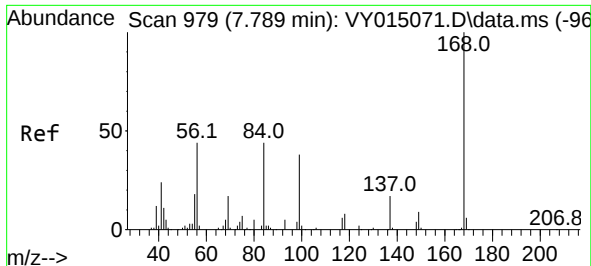
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-21(3-4)

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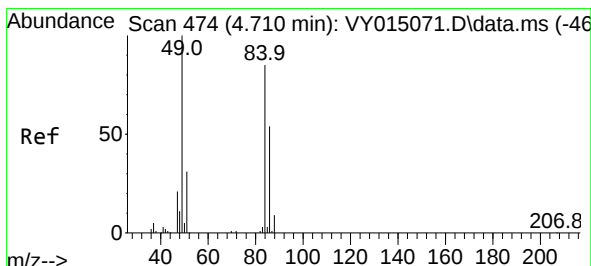
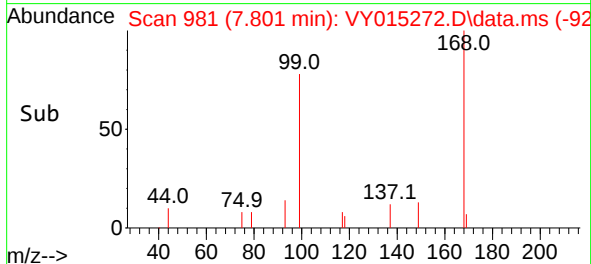
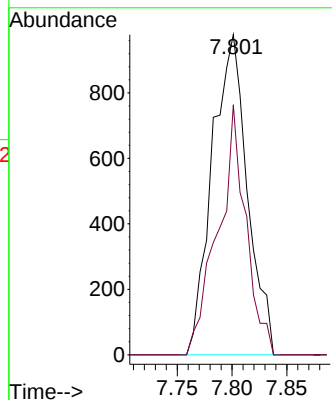
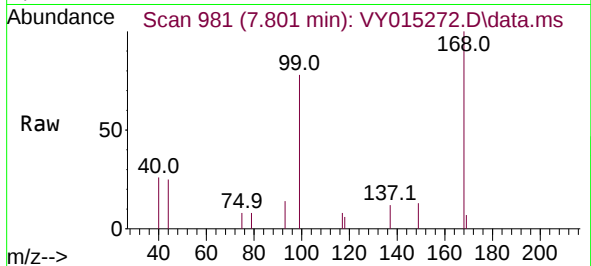




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

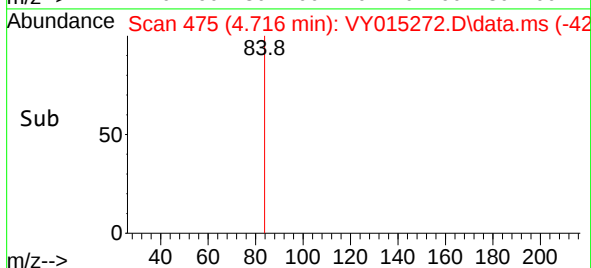
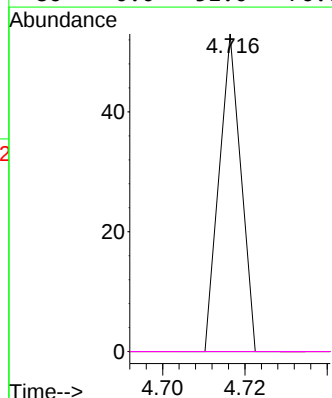
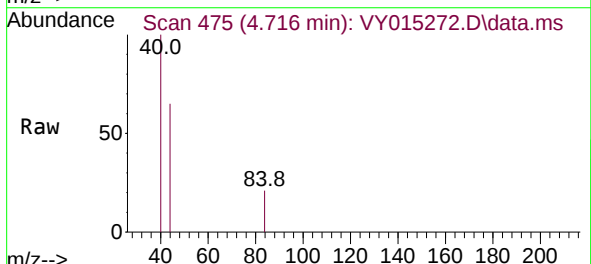
Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

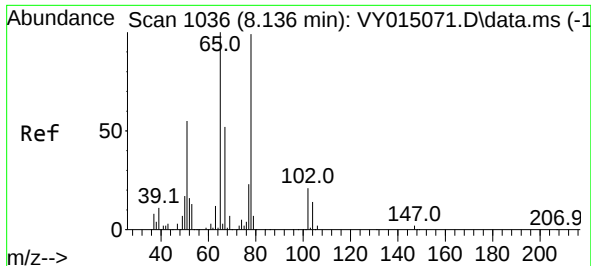
Tgt Ion:168 Resp: 2190
Ion Ratio Lower Upper
168 100
99 78.1 43.4 65.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 0.0 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 10.461 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015272.D

Acq: 23 Aug 2023 02:36

Instrument :

MSVOA_Y

ClientSampleId :

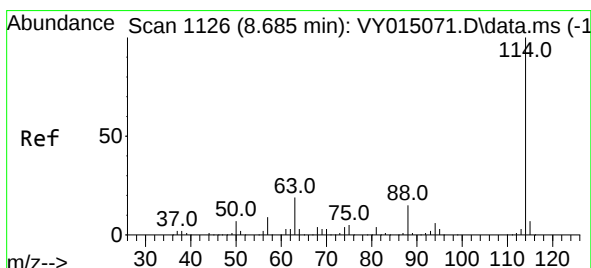
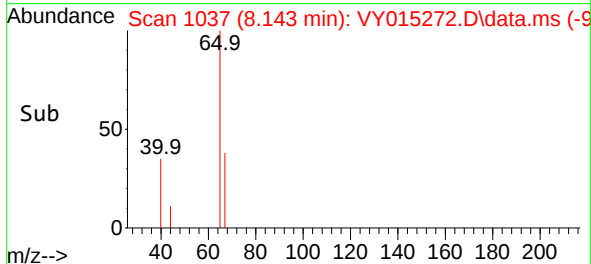
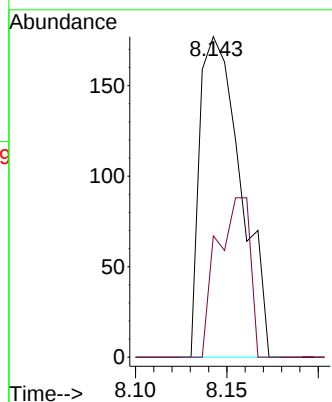
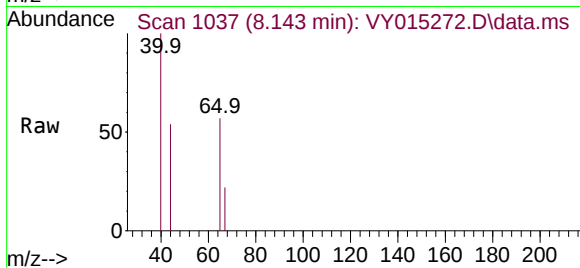
TP-21(3-4)

Tgt Ion: 65 Resp: 275

Ion Ratio Lower Upper

65 100

67 40.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015272.D

Acq: 23 Aug 2023 02:36

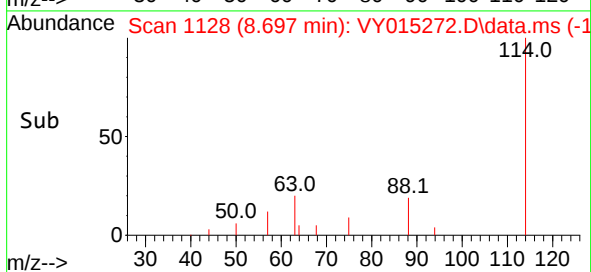
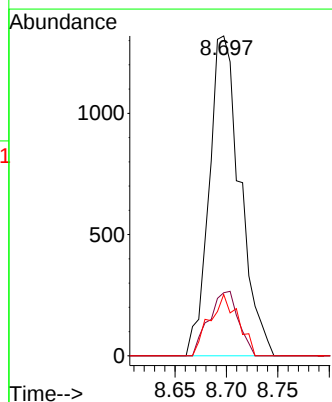
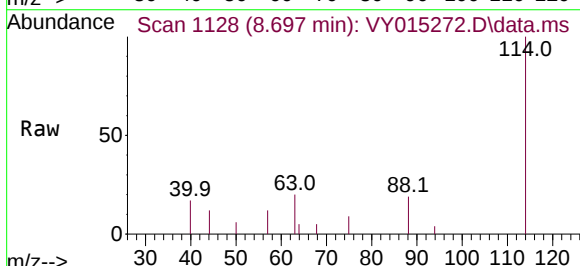
Tgt Ion: 114 Resp: 2764

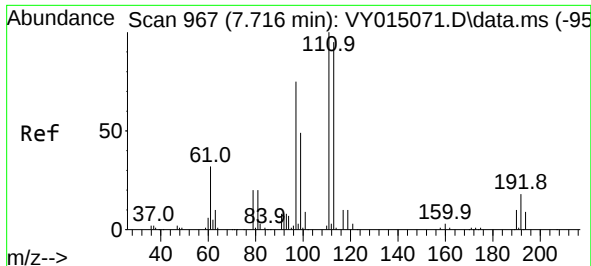
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 19.2 0.0 30.6

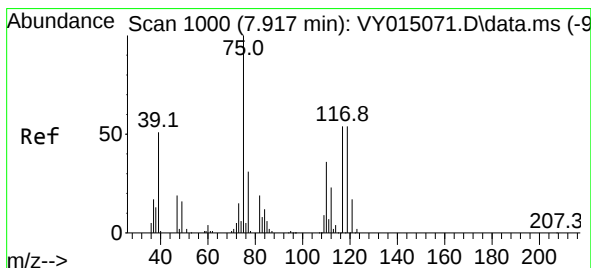
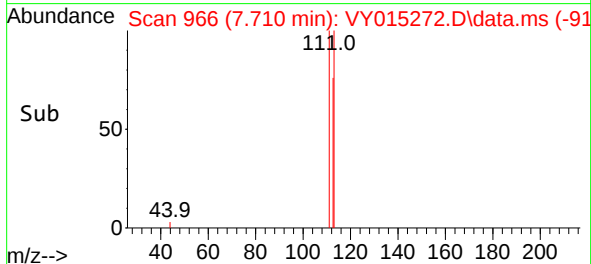
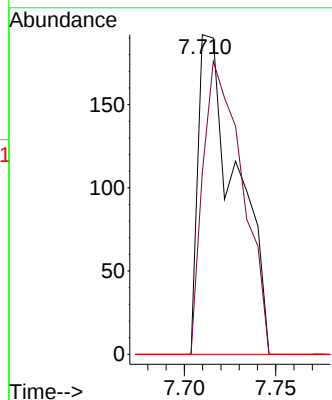
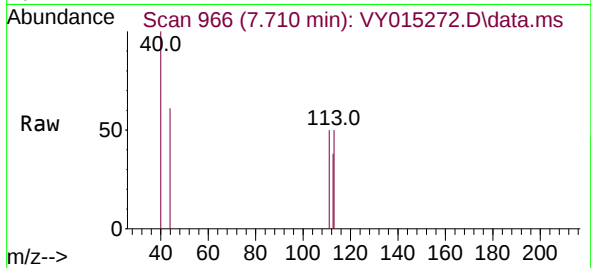




#35
Dibromofluoromethane
Concen: 15.746 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

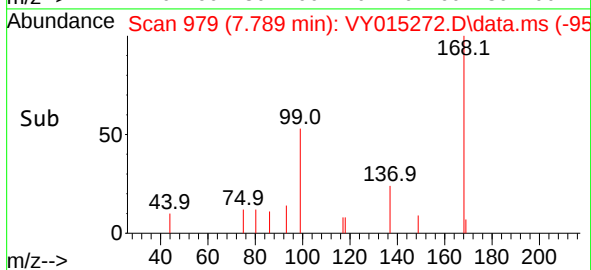
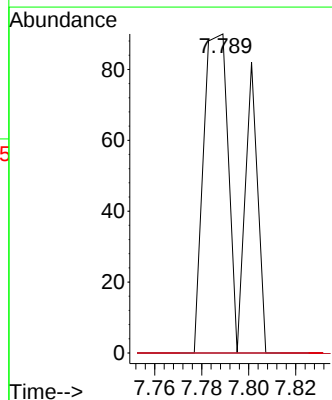
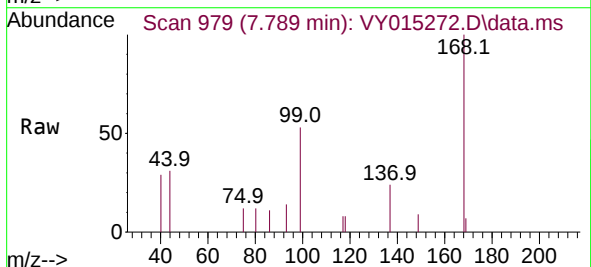
Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

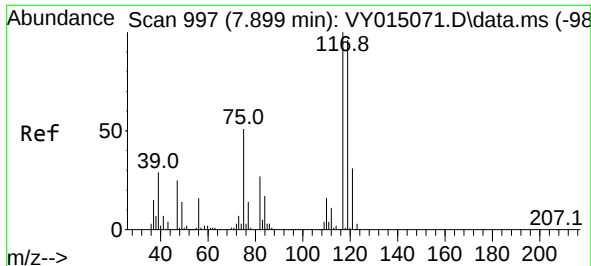
Tgt Ion:113 Resp: 280
Ion Ratio Lower Upper
113 100
111 94.3 81.3 121.9
192 0.0 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#

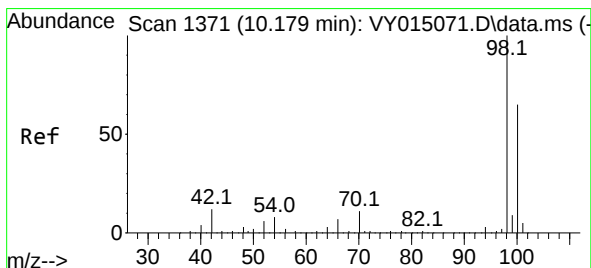
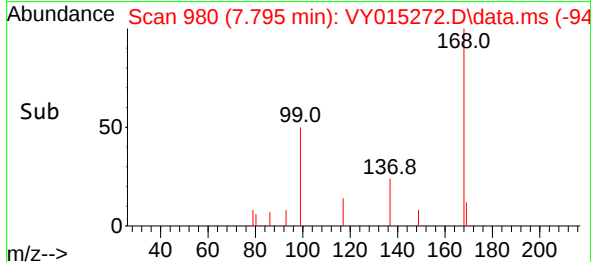
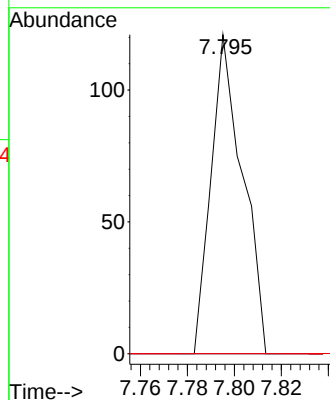
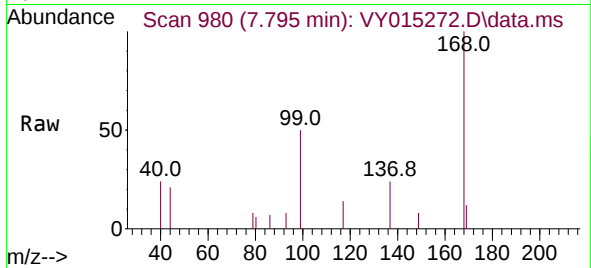




#38
Carbon Tetrachloride
Concen: 4.854 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

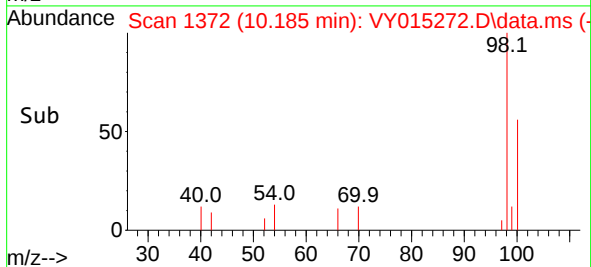
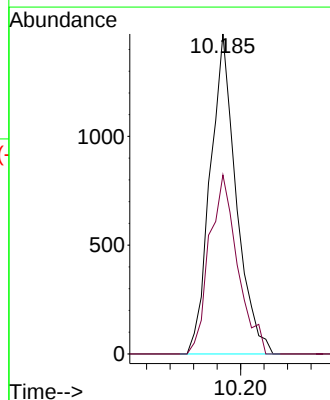
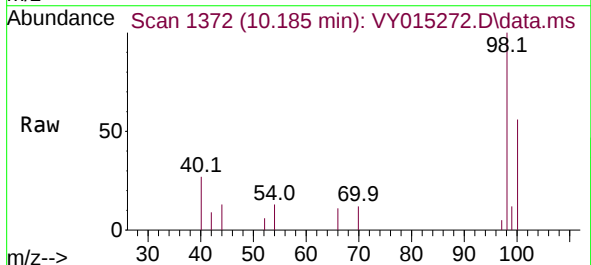
Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

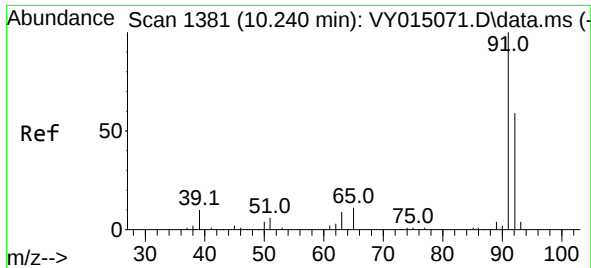
Tgt Ion:117 Resp: 113
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 34.127 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 98 Resp: 2259
Ion Ratio Lower Upper
98 100
100 60.7 50.1 75.1

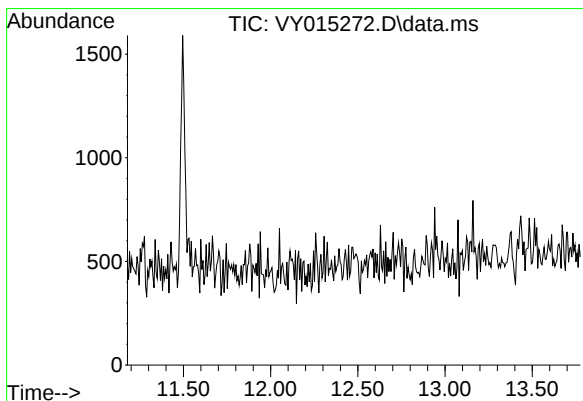
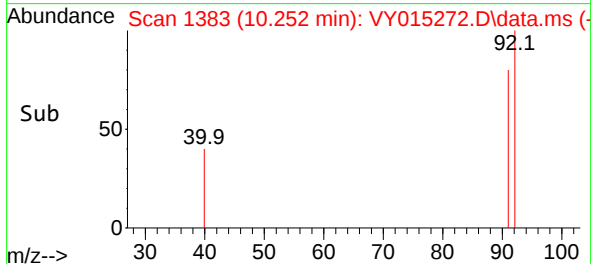
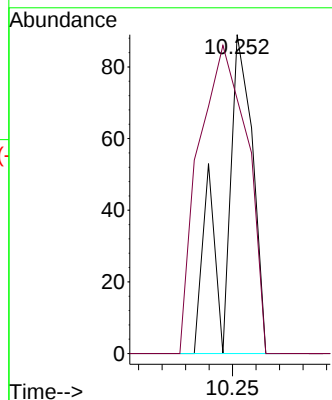
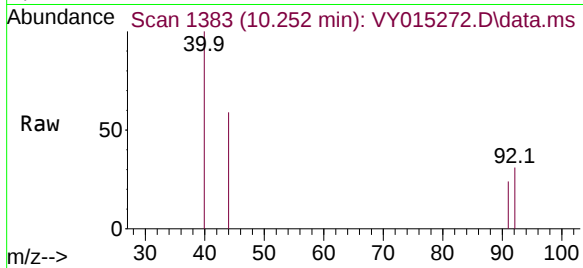




#52
Toluene
Concen: 1.913 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

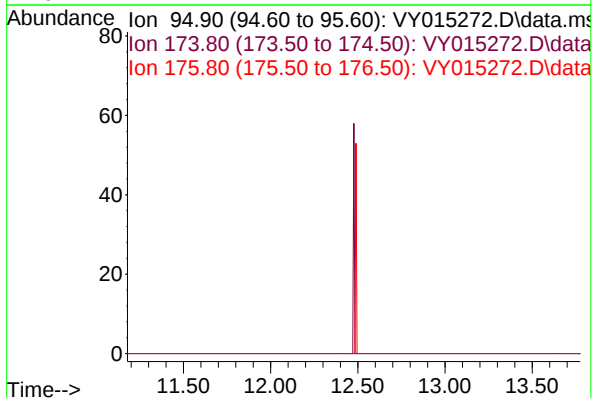
Tgt Ion: 92 Resp: 75
Ion Ratio Lower Upper
92 100
91 164.0 143.8 215.6

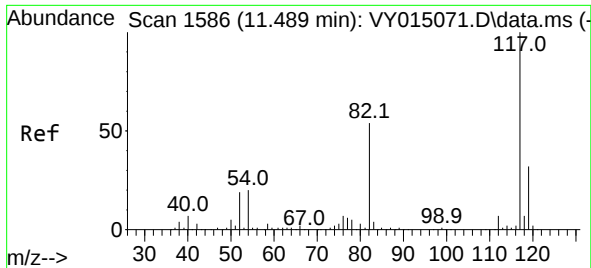


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.1
176 86.9

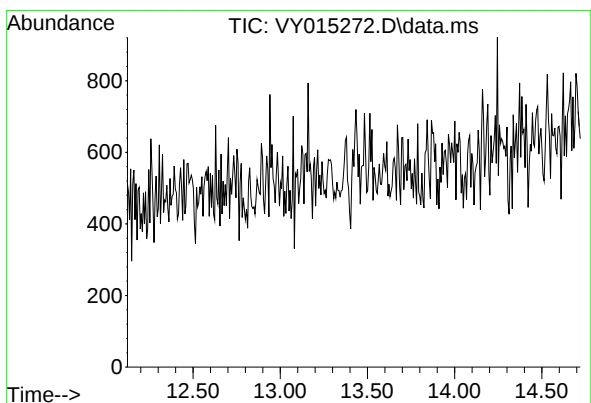
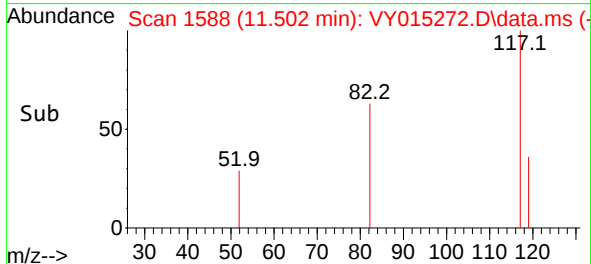
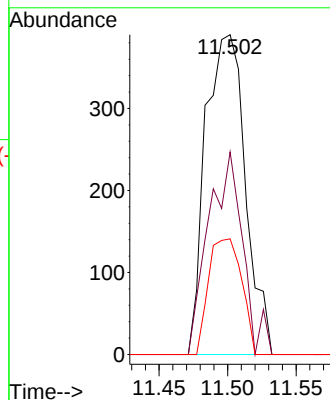
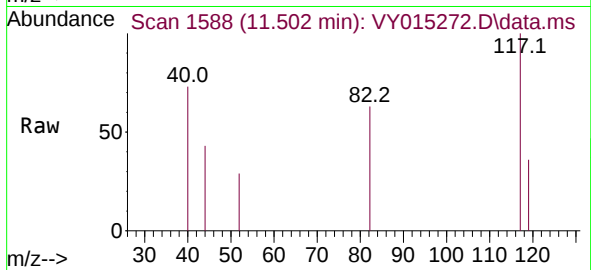




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-21(3-4)

Tgt Ion:117 Resp: 789
Ion Ratio Lower Upper
117 100
82 63.3 43.4 65.0
119 36.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY015272.D
Acq: 23 Aug 2023 02:36

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.7
150 174.4

