

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006885.D
 Acq On : 24 Nov 2021 18:25
 Operator : SY/MD
 Sample : M4786-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 09:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

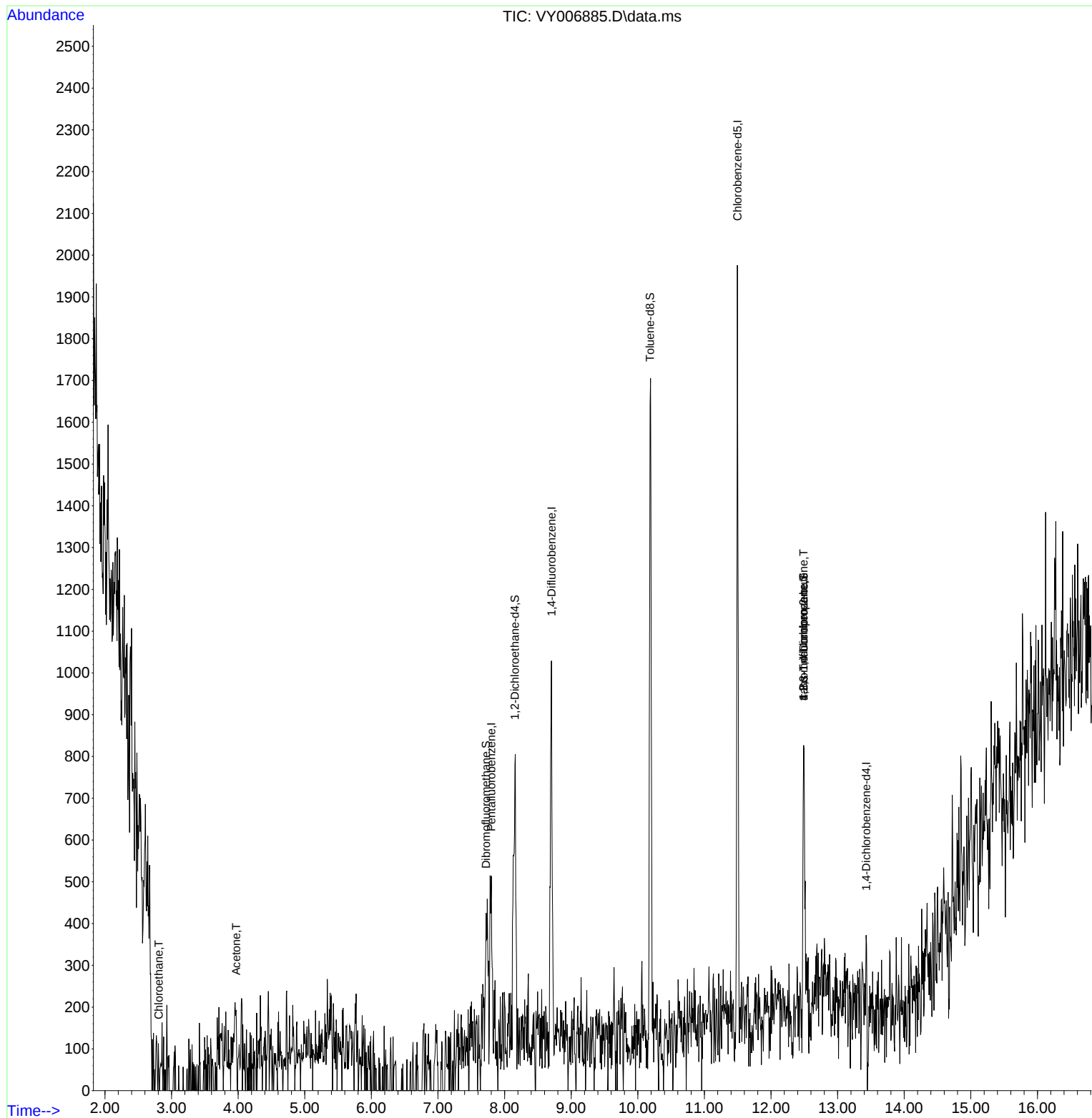
Internal Standards						
1) Pentafluorobenzene	7.801	168	519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	1186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	766	112.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	225.220%#
35) Dibromofluoromethane	7.722	113	292	40.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.160%
50) Toluene-d8	10.185	98	1343	44.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.489	95	169	16.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.260%
Target Compounds						
						Qvalue
6) Chloroethane	2.808	64	46	9.877	ug/l #	45
16) Acetone	3.973	43	169	81.774	ug/l #	46
76) 1,2,3-Trichloropropane	12.489	75	135	182.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	135	361.822	ug/l #	7

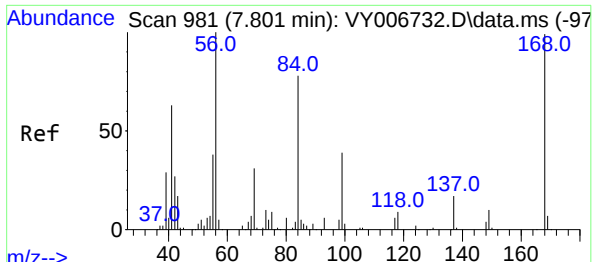
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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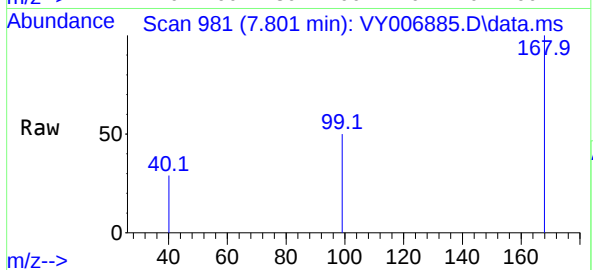
Quant Time: Nov 26 09:58:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
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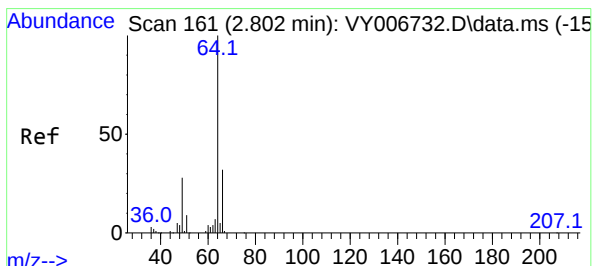
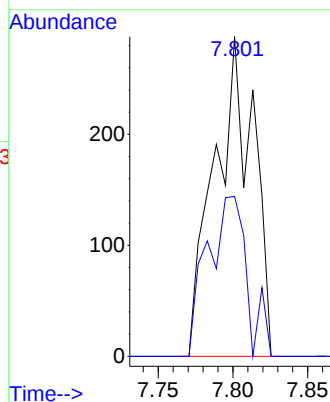
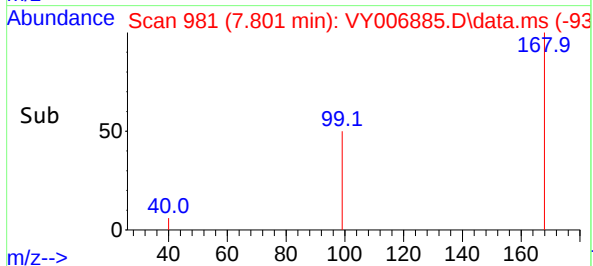


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

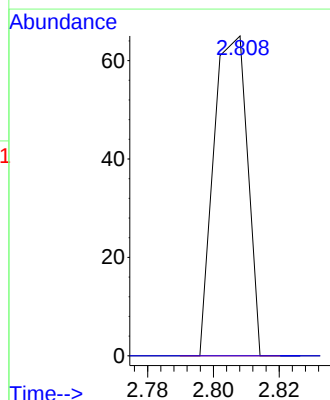
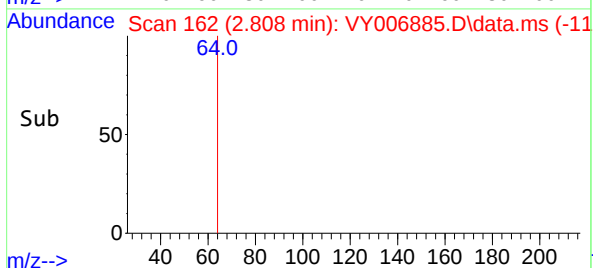
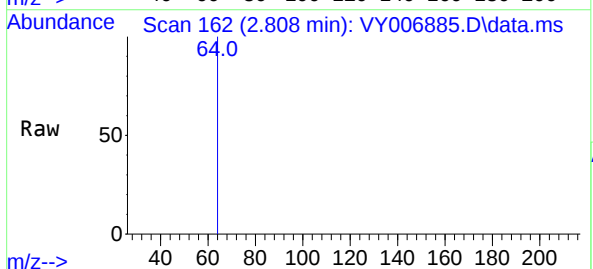


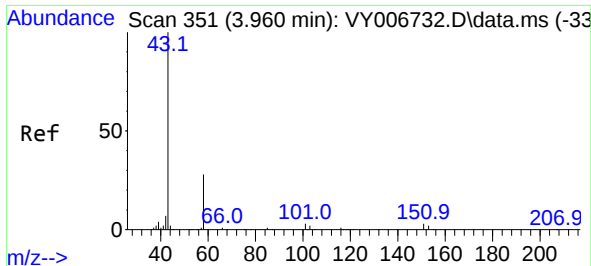
Tgt Ion:168 Resp: 519
Ion Ratio Lower Upper
168 100
99 50.0 44.8 67.2



#6
Chloroethane
Concen: 9.877 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

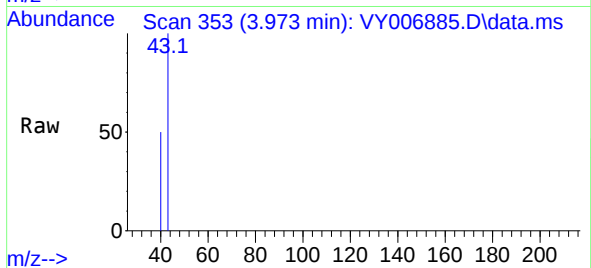
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



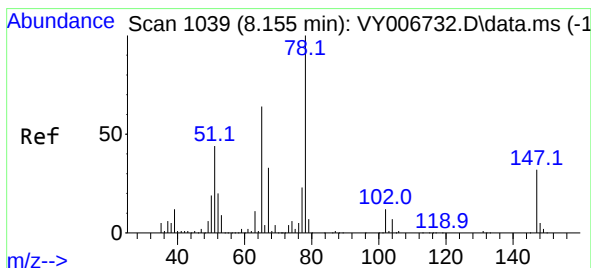
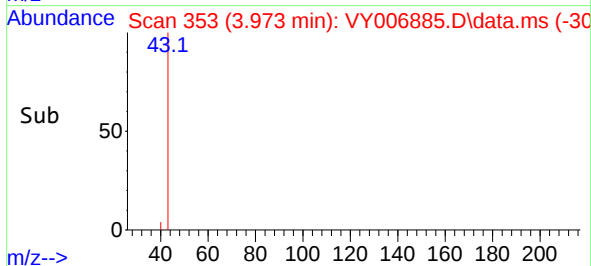
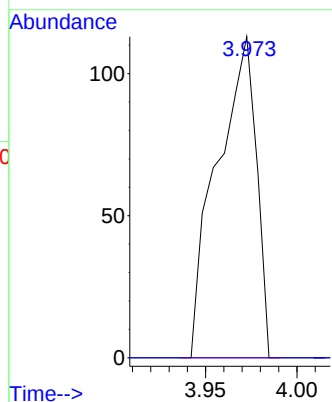


#16
Acetone
Concen: 81.774 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

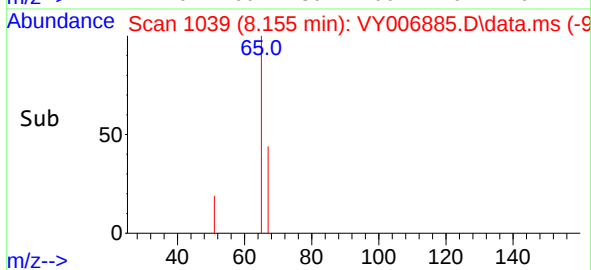
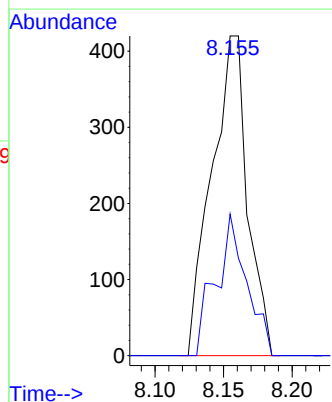
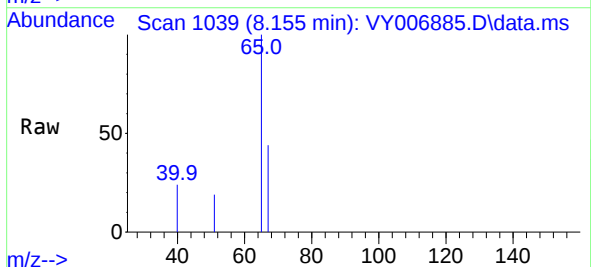


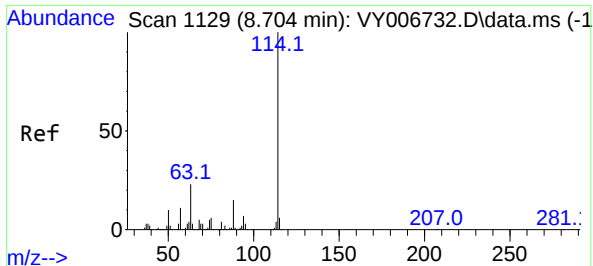
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#33
1,2-Dichloroethane-d4
Concen: 112.612 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Tgt Ion: 65 Resp: 766
Ion Ratio Lower Upper
65 100
67 38.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006885.D

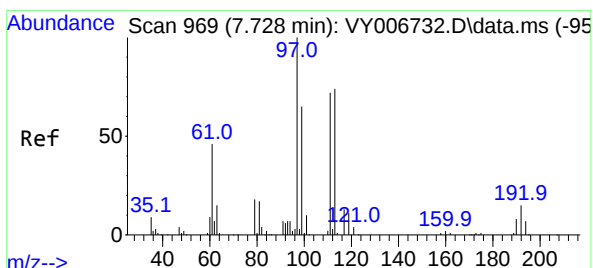
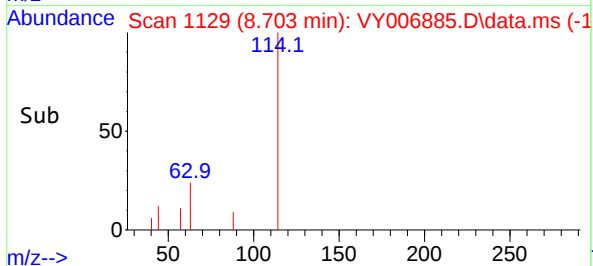
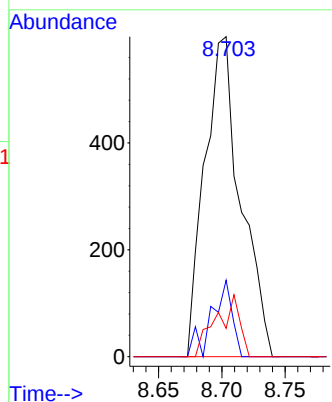
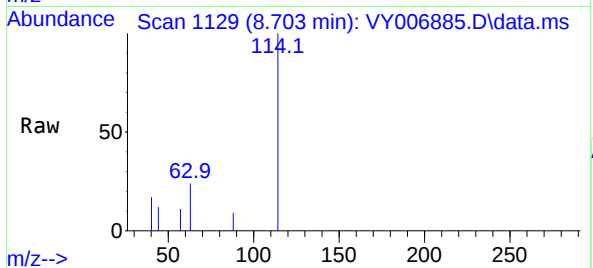
Acq: 24 Nov 2021 18:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	1186
Ion	Ratio	Lower Upper
114	100	
63	23.9	0.0 45.0
88	8.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 40.083 ug/l

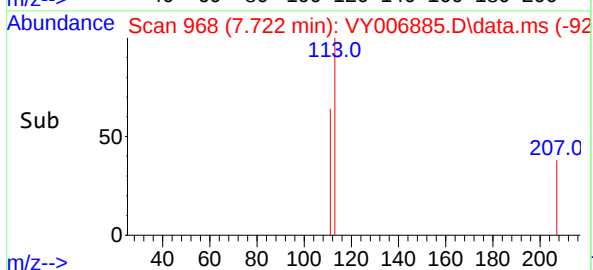
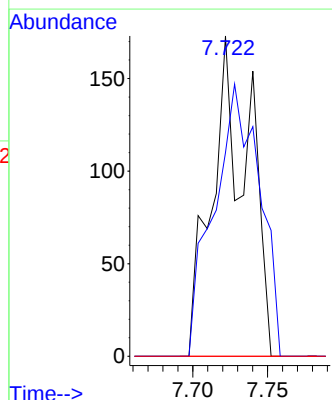
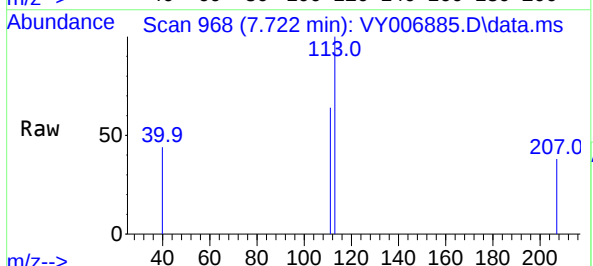
RT: 7.722 min Scan# 968

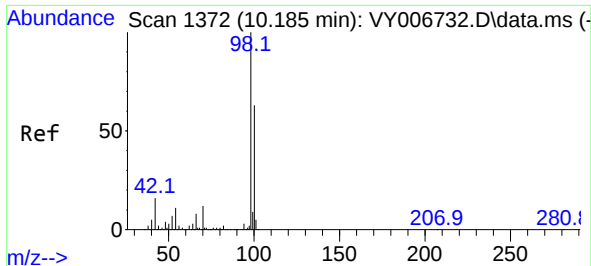
Delta R.T. -0.006 min

Lab File: VY006885.D

Acq: 24 Nov 2021 18:25

Tgt Ion:113	Resp:	292
Ion	Ratio	Lower Upper
113	100	
111	106.5	82.3 123.5
192	0.0	17.4 26.2

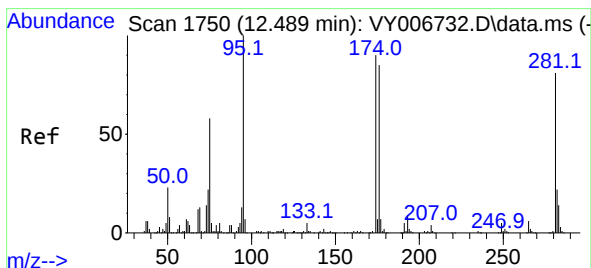
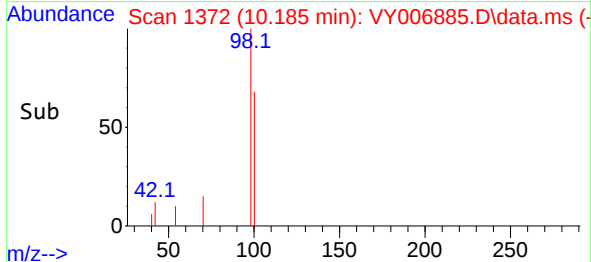
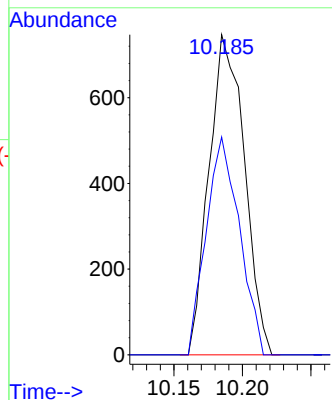
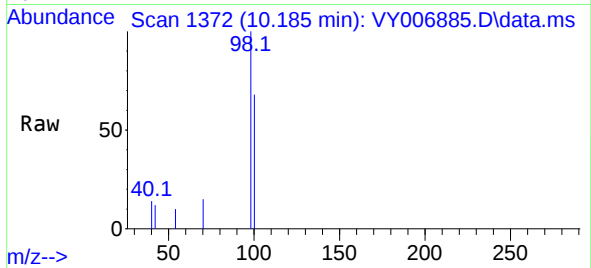




#50
Toluene-d8
Concen: 44.550 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

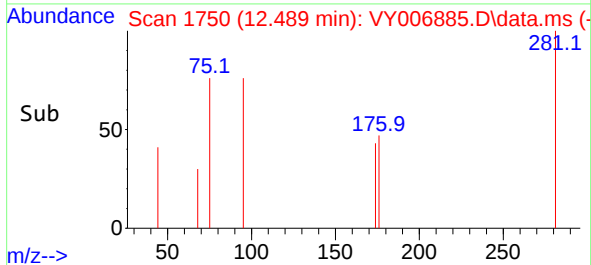
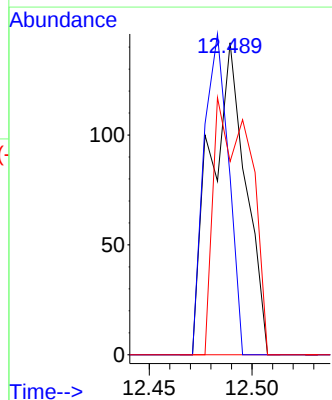
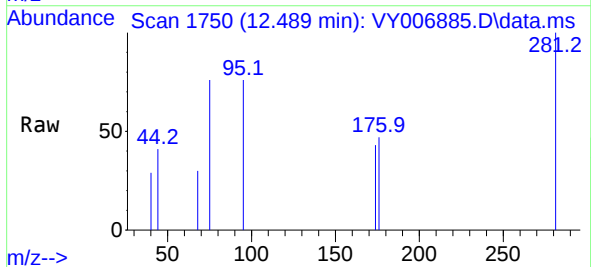
Instrument :
MSVOA_Y
ClientSampleId :

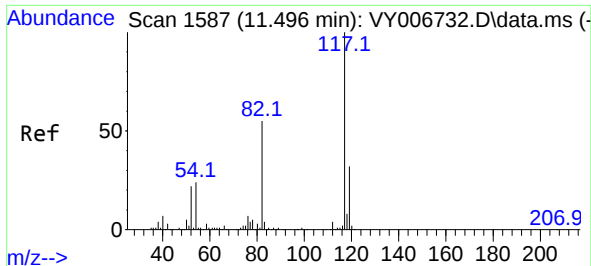
Tgt Ion: 98 Resp: 1343
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 16.629 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

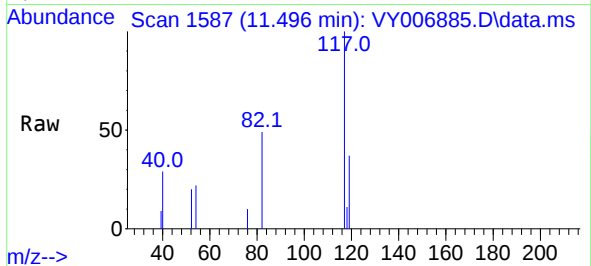
Tgt Ion: 95 Resp: 169
Ion Ratio Lower Upper
95 100
174 71.6 0.0 177.0
176 85.2 0.0 169.4



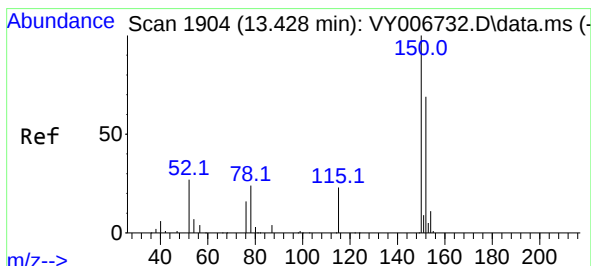
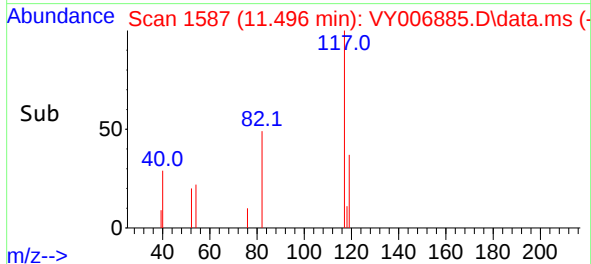
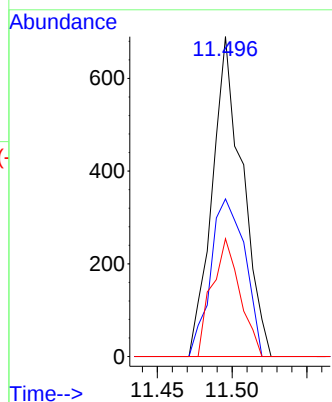


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

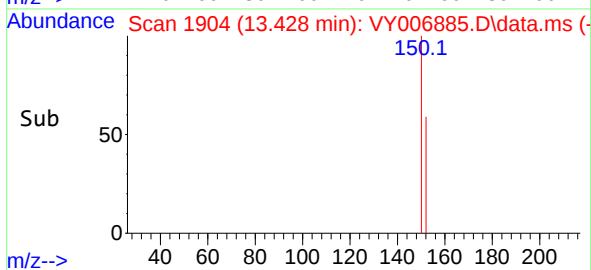
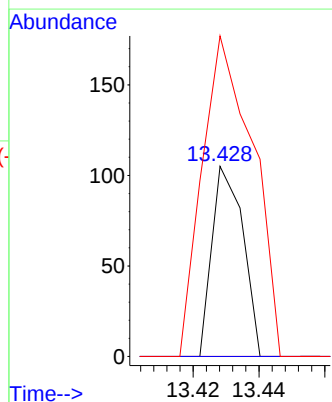
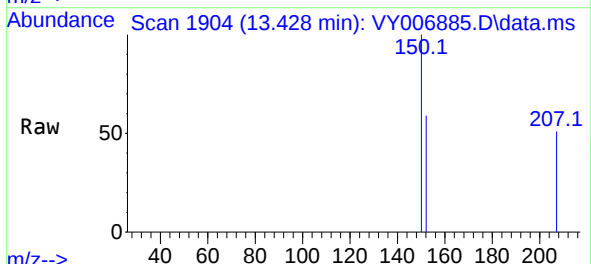


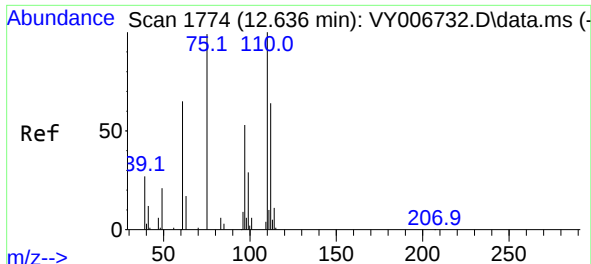
Tgt Ion:117 Resp: 967
Ion Ratio Lower Upper
117 100
82 49.3 45.7 68.5
119 36.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Tgt Ion:152 Resp: 68
Ion Ratio Lower Upper
152 100
115 0.0 28.5 85.5#
150 277.9 0.0 348.2

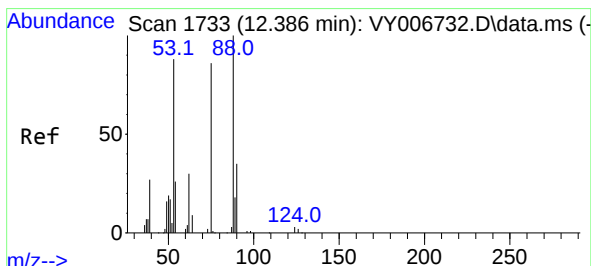
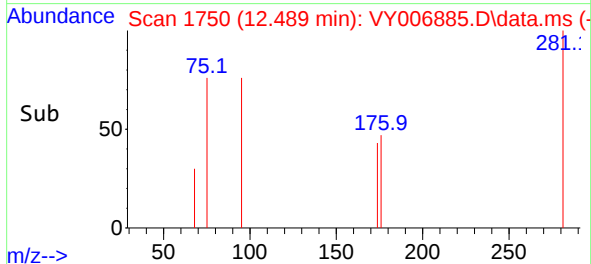
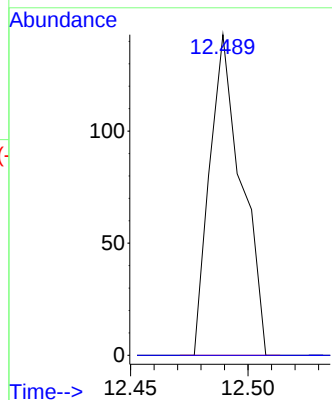
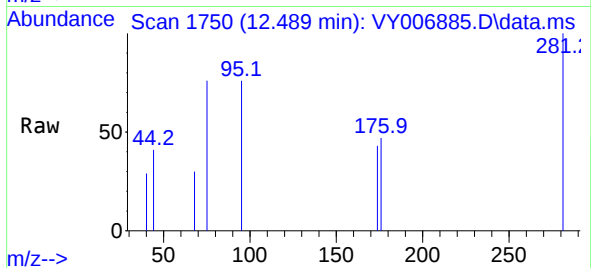




#76
1,2,3-Trichloropropane
Concen: 182.603 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 135
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 361.822 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY006885.D
Acq: 24 Nov 2021 18:25

Tgt Ion: 75 Resp: 135
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

