

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006889.D
 Acq On : 24 Nov 2021 19:59
 Operator : SY/MD
 Sample : M4844-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 09:59:56 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)

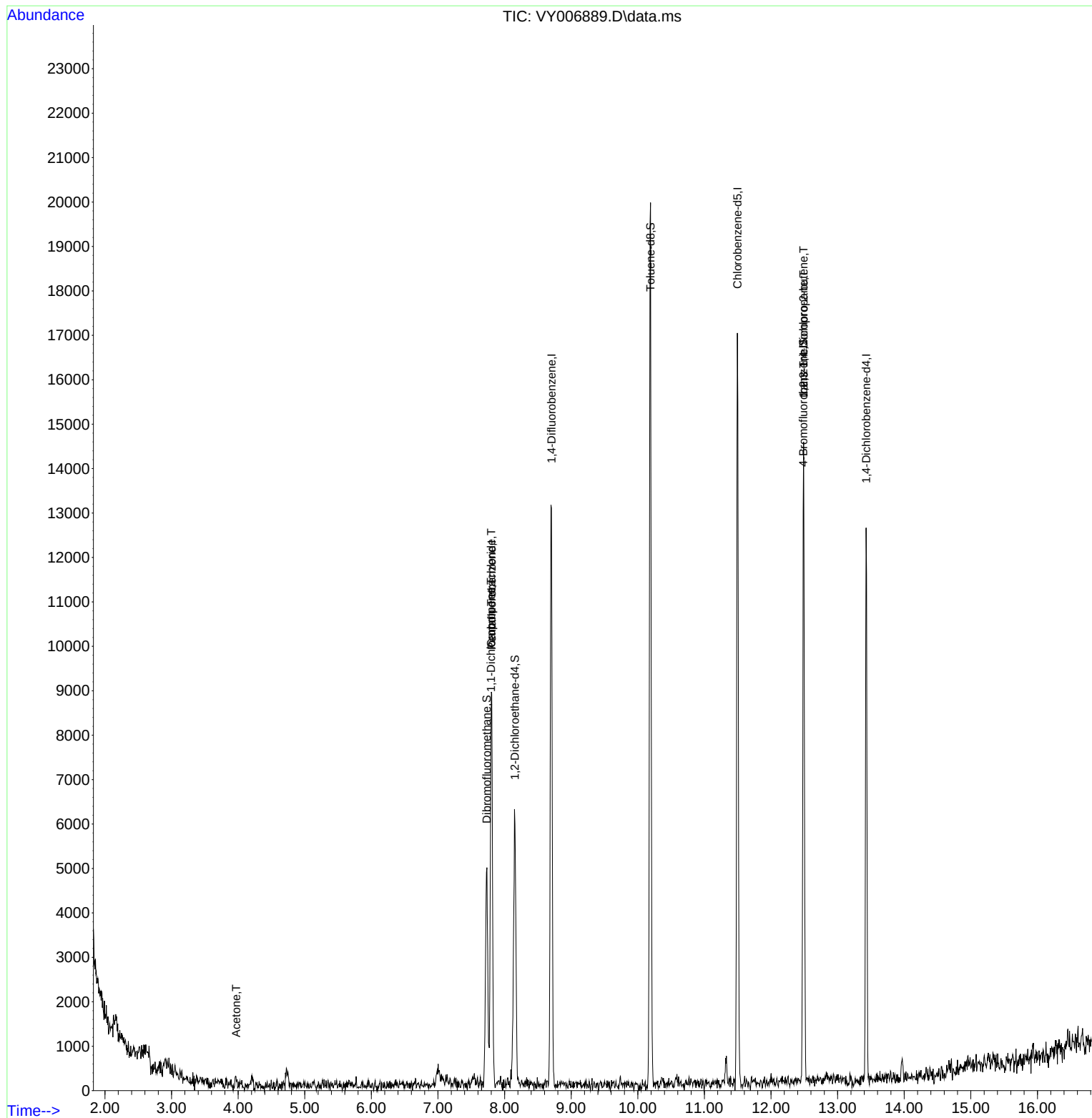
Internal Standards						
1) Pentafluorobenzene	7.807	168	7071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	10642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5048	54.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.734	113	3365	51.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.191	98	13016	48.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	12.483	95	3430	37.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	308	10.939	ug/l #	46
20) Methylene Chloride	4.735	84	152	Below Cal	#	61
36) 1,1-Dichloropropene	7.795	75	609	5.265	ug/l #	42
38) Carbon Tetrachloride	7.801	117	643	5.435	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	1869	52.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1869	103.440	ug/l #	7

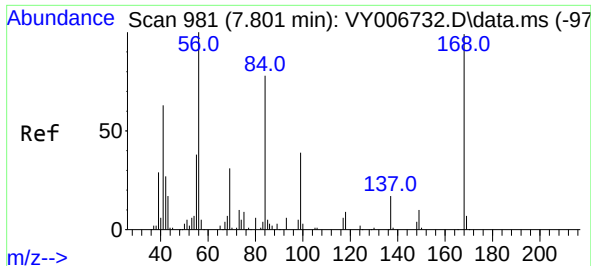
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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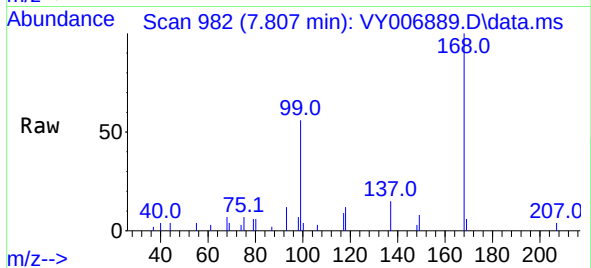
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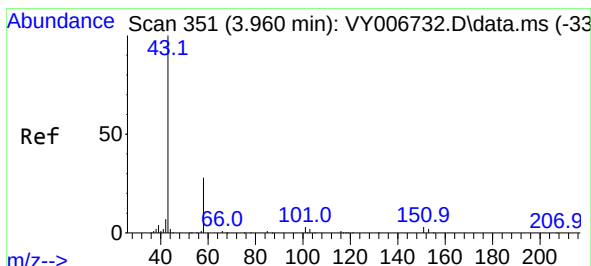
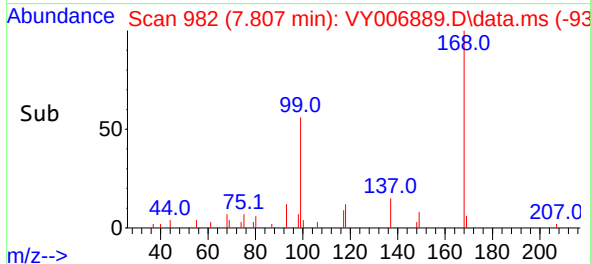
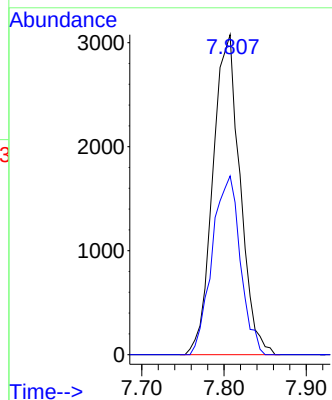


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Instrument :
MSVOA_Y
ClientSampleId :

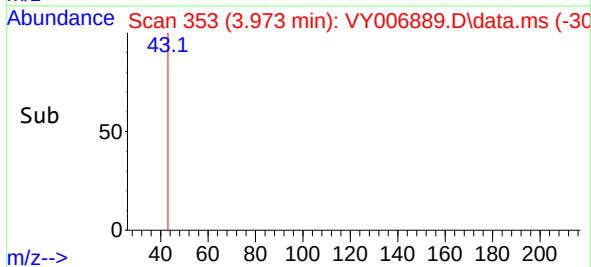
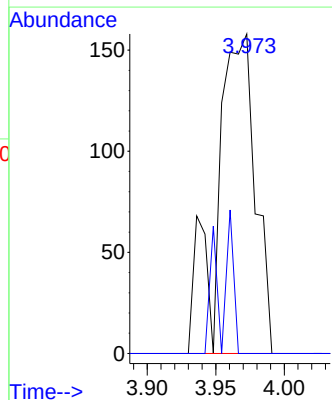
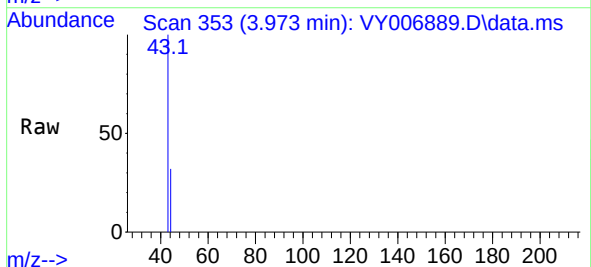


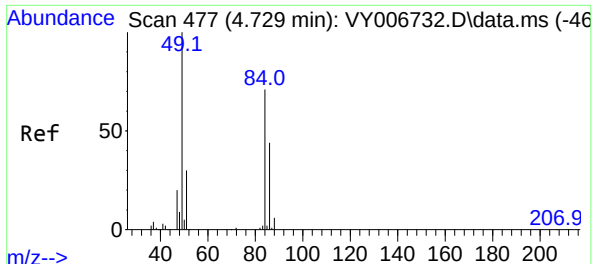
Tgt Ion:168 Resp: 7071
Ion Ratio Lower Upper
168 100
99 55.8 44.8 67.2



#16
Acetone
Concen: 10.939 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

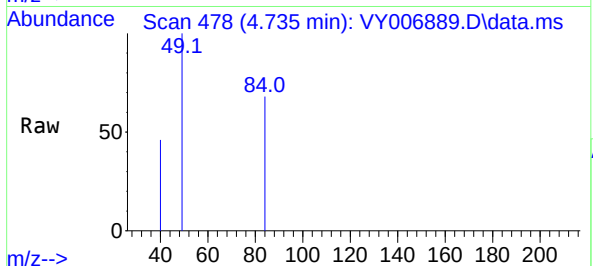
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



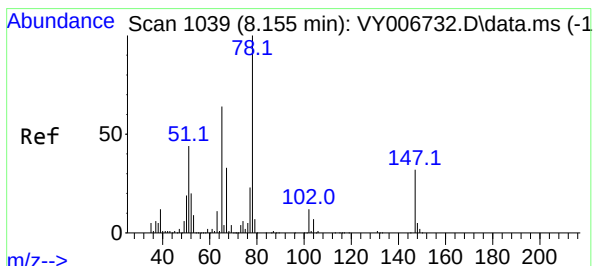
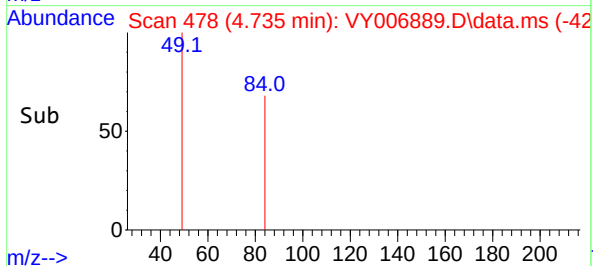
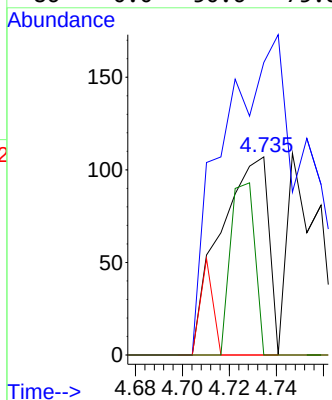


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Instrument :
MSVOA_Y
ClientSampleId :

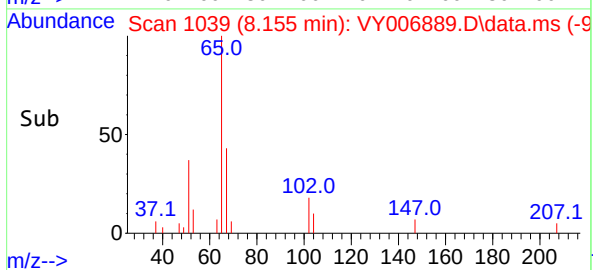
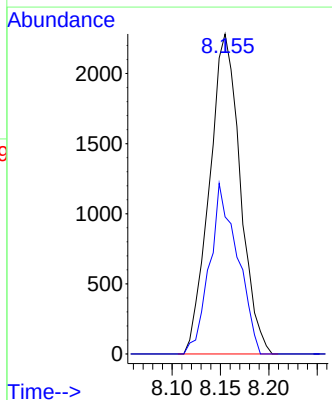
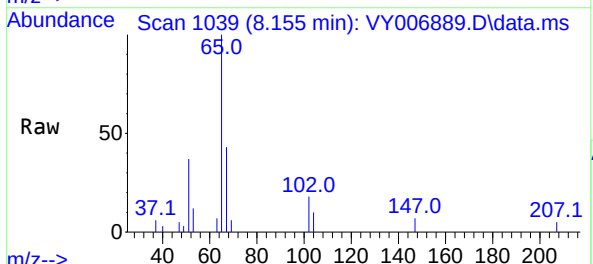


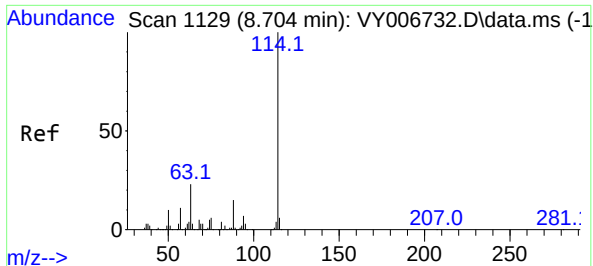
Tgt Ion: 84 Resp: 152
Ion Ratio Lower Upper
84 100
49 147.7 107.8 161.8
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 54.471 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion: 65 Resp: 5048
Ion Ratio Lower Upper
65 100
67 48.5 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: VY006889.D

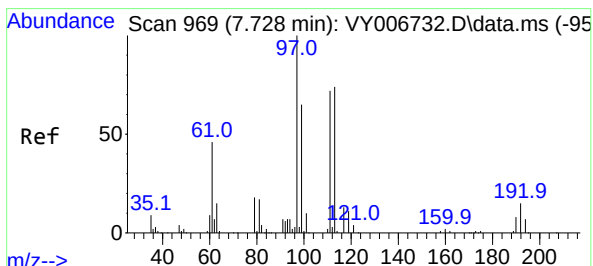
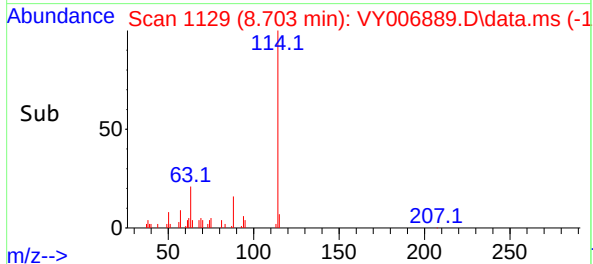
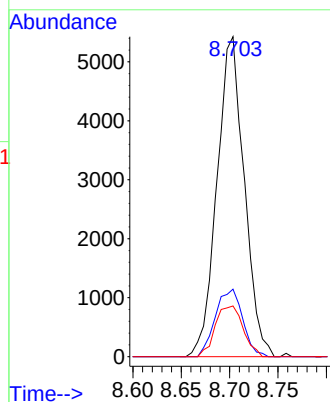
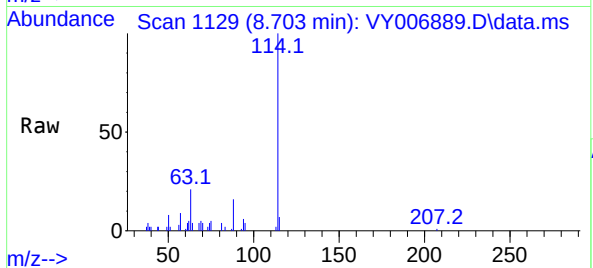
Acq: 24 Nov 2021 19:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	10642
Ion Ratio	Lower	Upper
114	100	
63	21.1	0.0 45.0
88	15.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 51.478 ug/l

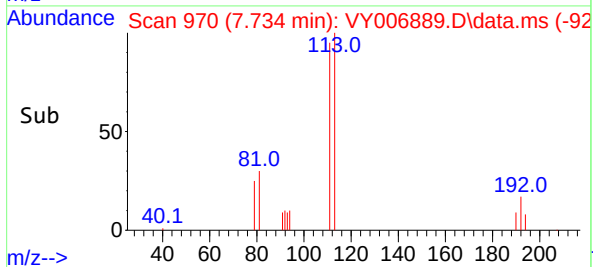
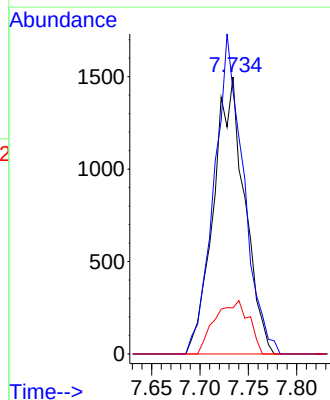
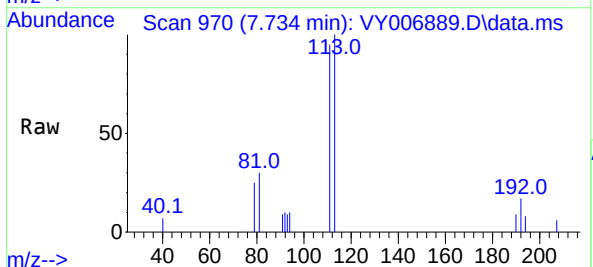
RT: 7.734 min Scan# 970

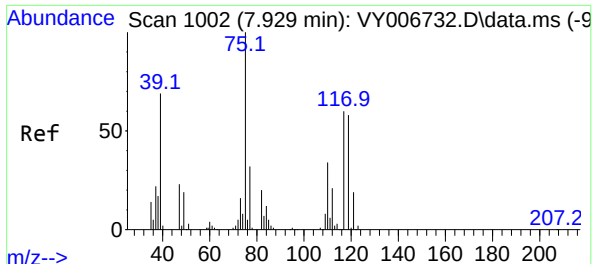
Delta R.T. 0.006 min

Lab File: VY006889.D

Acq: 24 Nov 2021 19:59

Tgt Ion:113	Resp:	3365
Ion Ratio	Lower	Upper
113	100	
111	109.0	82.3 123.5
192	20.8	17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.265 ug/l

RT: 7.795 min Scan# 90

Delta R.T. -0.134 min

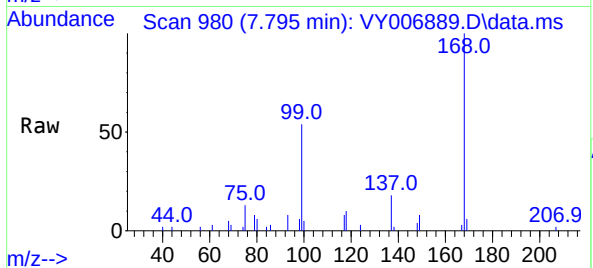
Lab File: VY006889.D

Acq: 24 Nov 2021 19:59

Instrument :

MSVOA_Y

ClientSampleId :



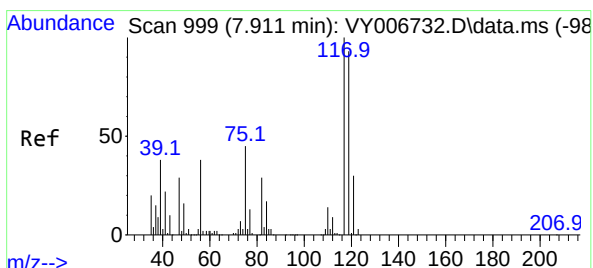
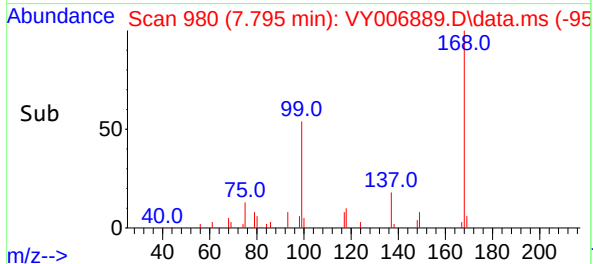
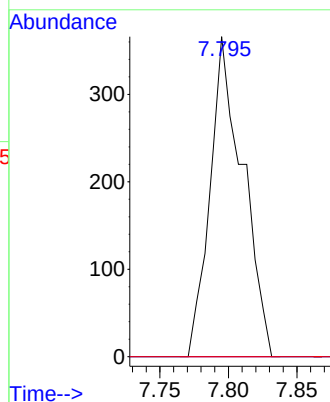
Tgt Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY006889.D

Acq: 24 Nov 2021 19:59

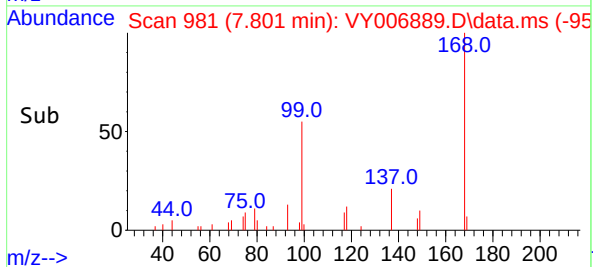
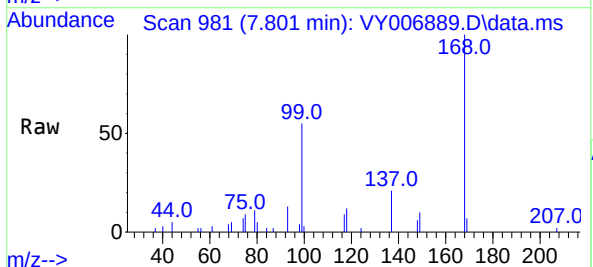
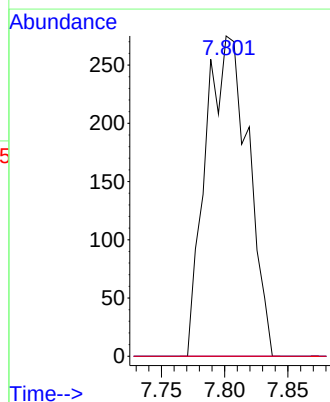
Tgt Ion: 117 Resp: 643

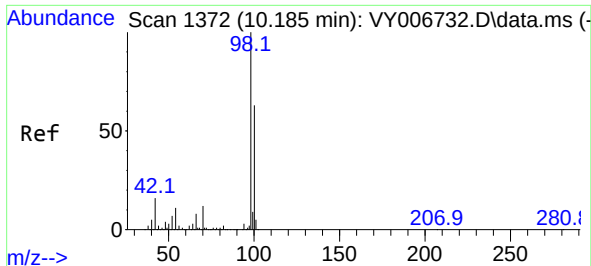
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

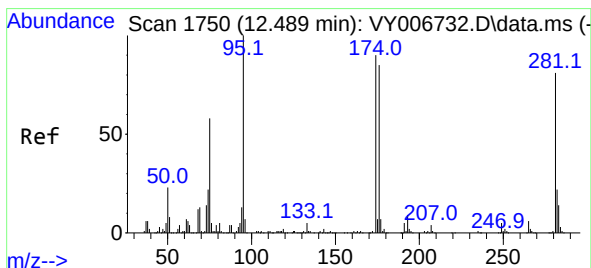
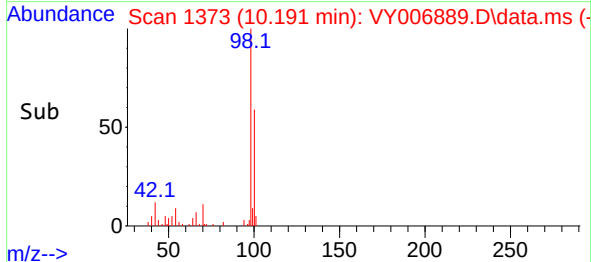
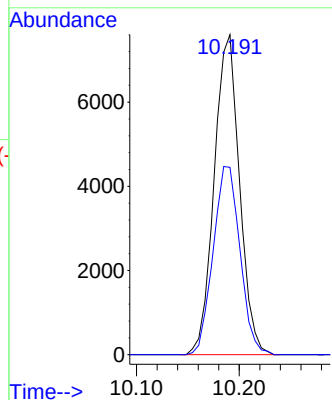
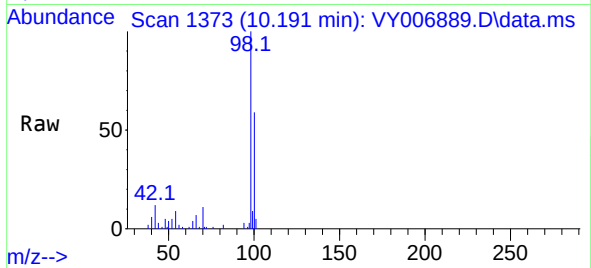




#50
Toluene-d8
Concen: 48.119 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

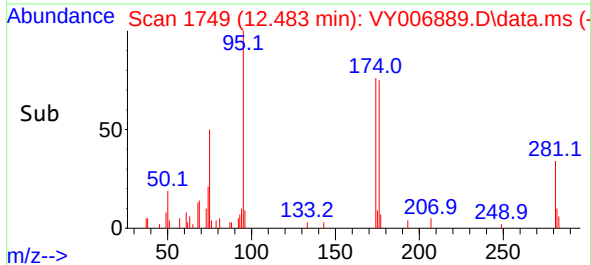
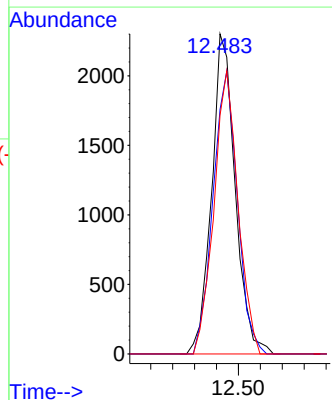
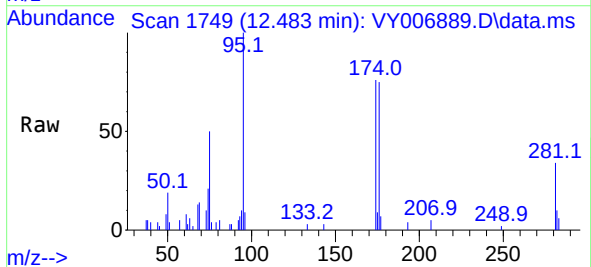
Instrument :
MSVOA_Y
ClientSampleId :

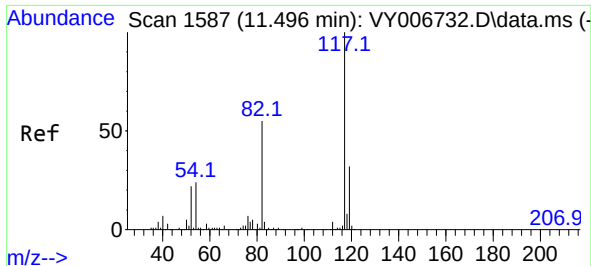
Tgt Ion: 98 Resp: 13016
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion: 95 Resp: 3430
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 90.3 0.0 169.4

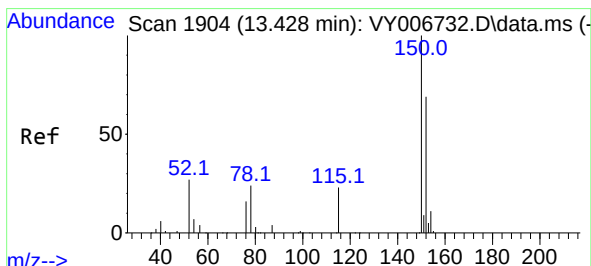
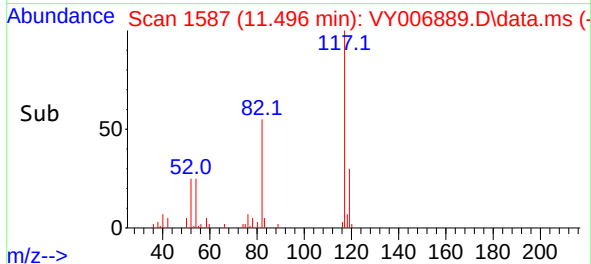
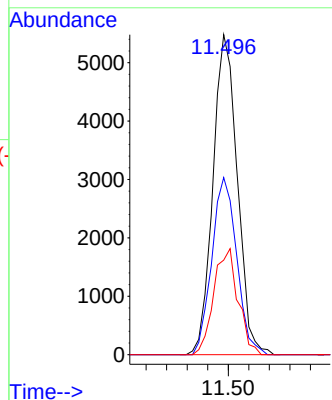
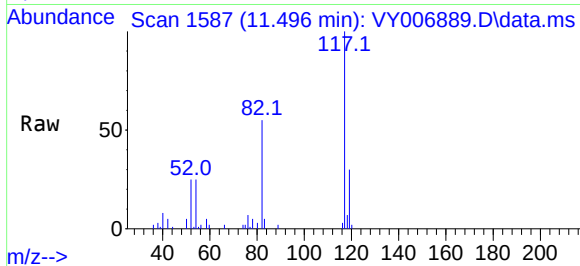




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

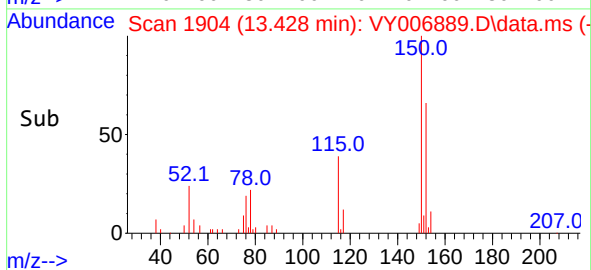
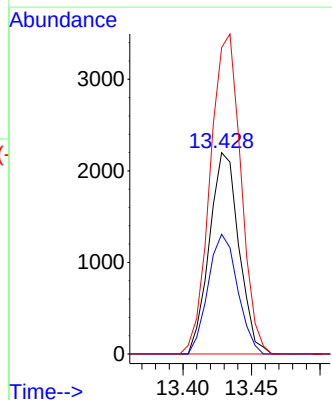
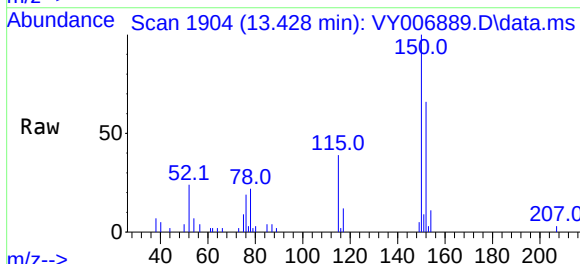
Instrument :
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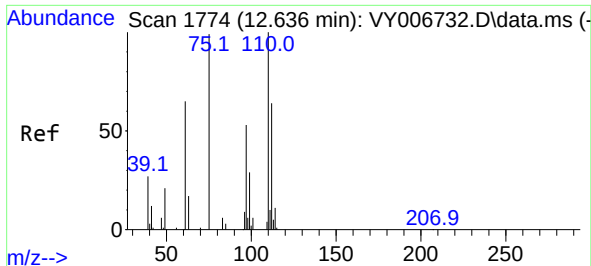
Tgt Ion:117	Resp:	9011
Ion	Ratio	Lower Upper
117	100	
82	55.3	45.7 68.5
119	29.6	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion:152	Resp:	3293
Ion	Ratio	Lower Upper
152	100	
115	59.4	28.5 85.5
150	165.2	0.0 348.2

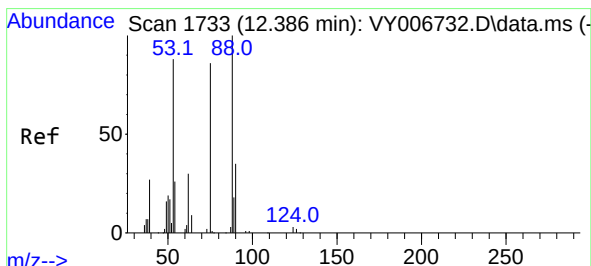
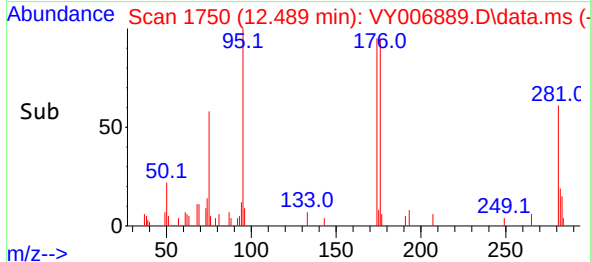
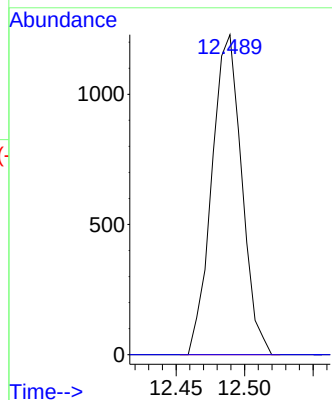
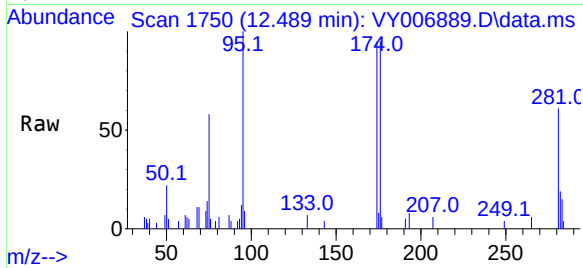




#76
1,2,3-Trichloropropane
Concen: 52.204 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1869
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.440 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion: 75 Resp: 1869
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

