

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007610.D
 Acq On : 23 Feb 2022 20:03
 Operator : SY/MD
 Sample : N1584-13
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D16-6

Quant Time: Feb 24 08:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

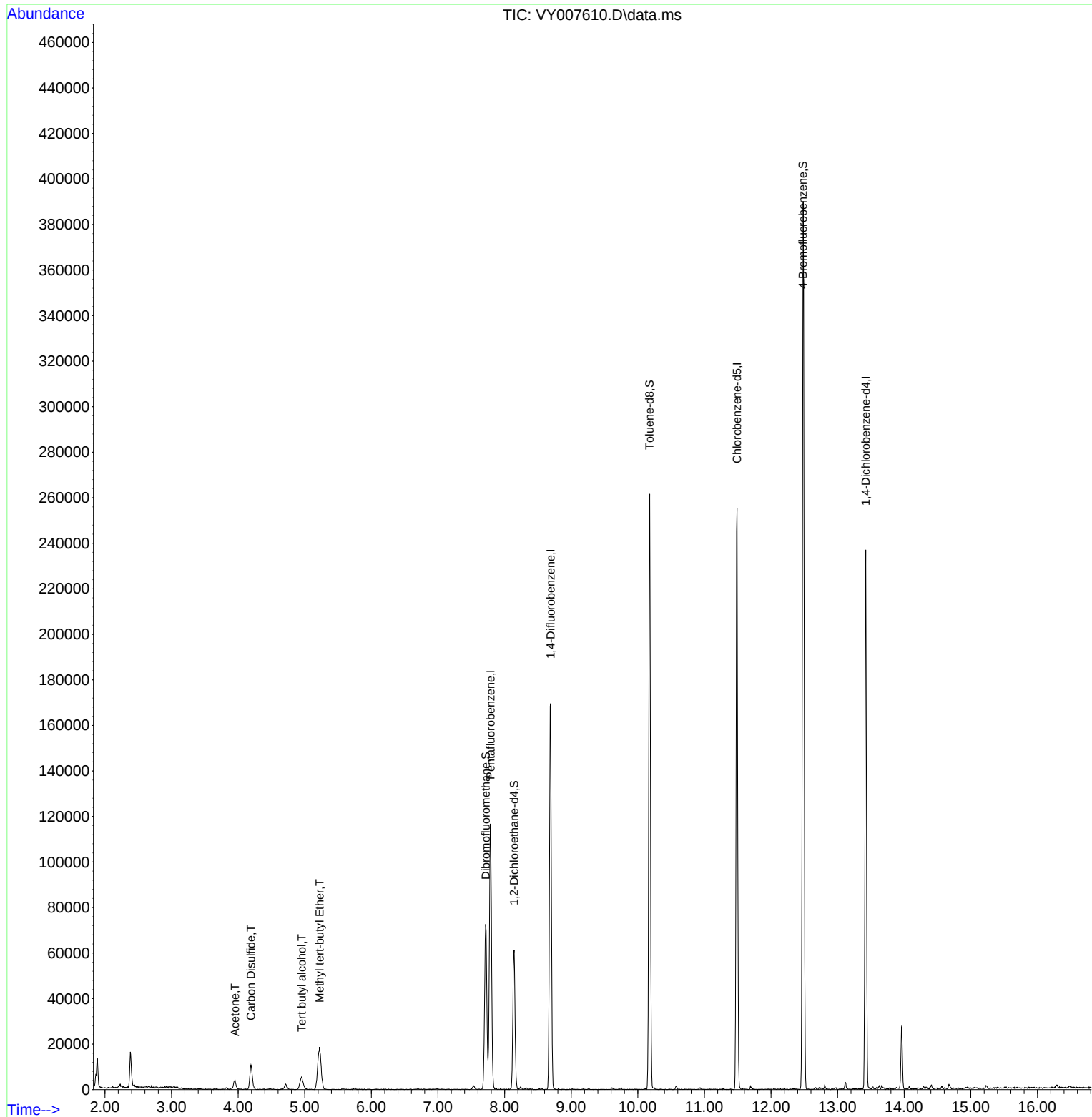
Internal Standards						
1) Pentafluorobenzene	7.789	168	91262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50309	49.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.716	113	48024	50.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.179	98	173916	49.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.477	95	57653	47.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	11156	109.102	ug/l	100
16) Acetone	3.954	43	6752	29.202	ug/l	93
17) Carbon Disulfide	4.192	76	20628	8.052	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	34524	12.461	ug/l	91
20) Methylene Chloride	4.716	84	1775	Below Cal	#	55

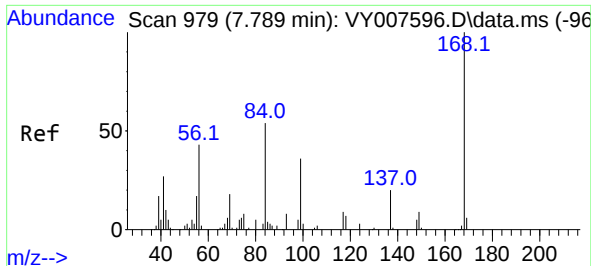
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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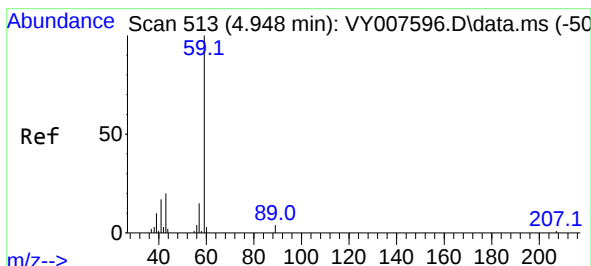
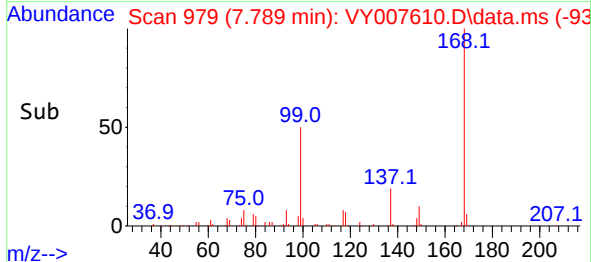
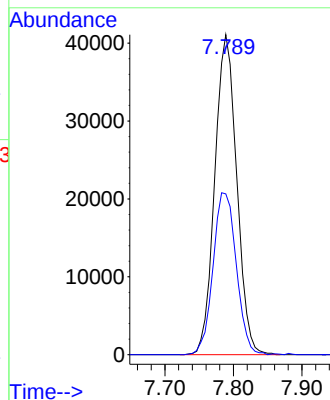
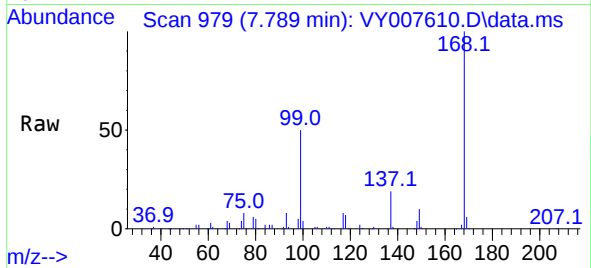




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

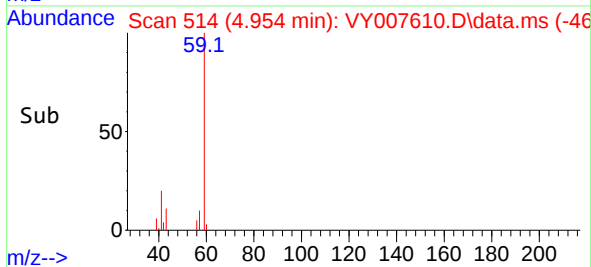
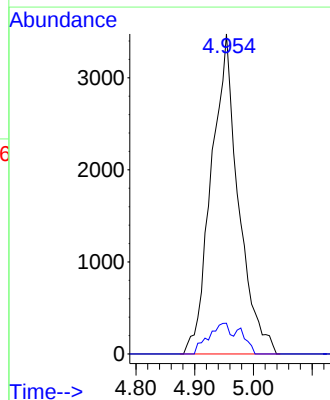
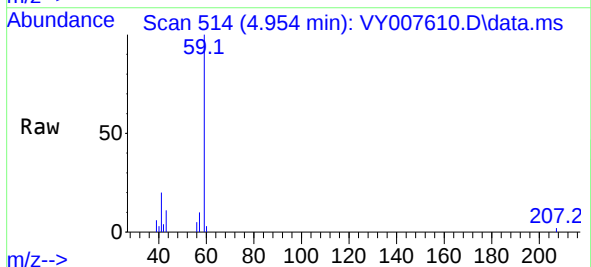
Instrument :
MSVOA_Y
ClientSampleId :
D16-6

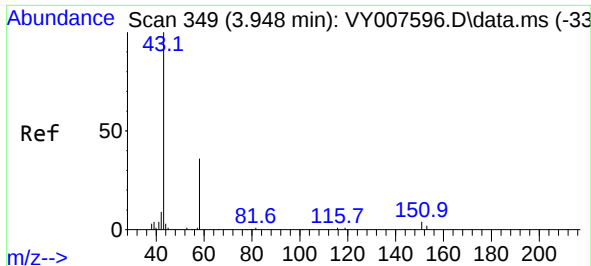
Tgt Ion:168 Resp: 91262
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 109.102 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

Tgt Ion: 59 Resp: 11156
Ion Ratio Lower Upper
59 100
57 8.0 6.4 9.6

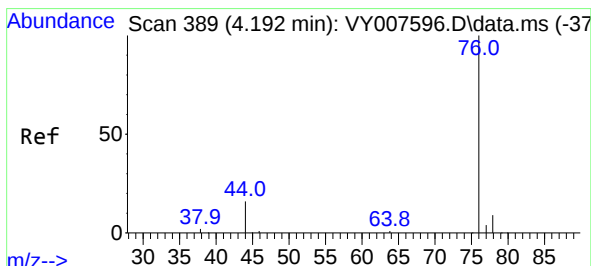
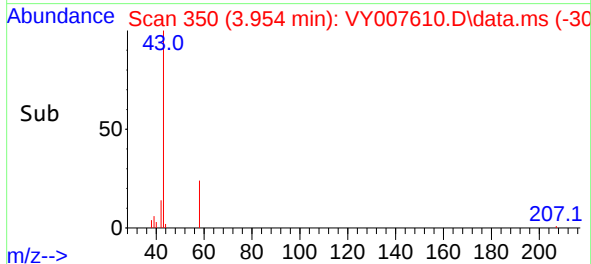
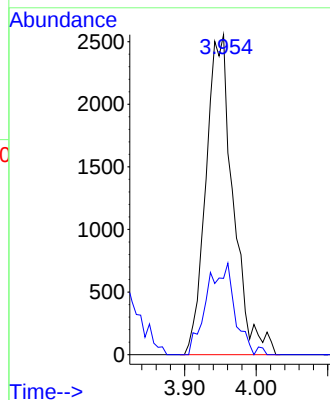
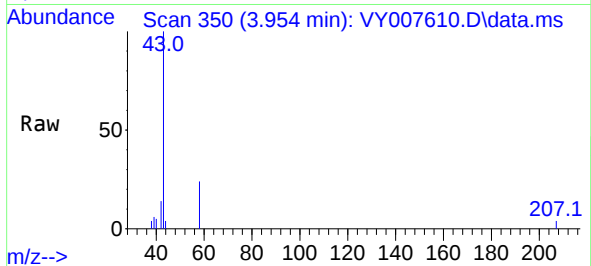




#16
Acetone
Concen: 29.202 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

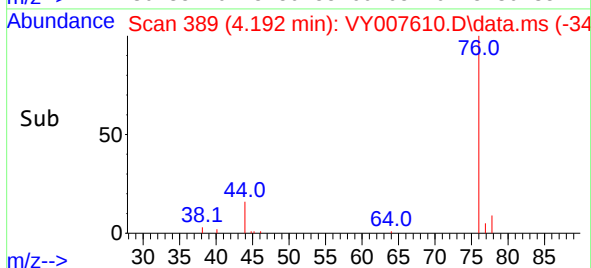
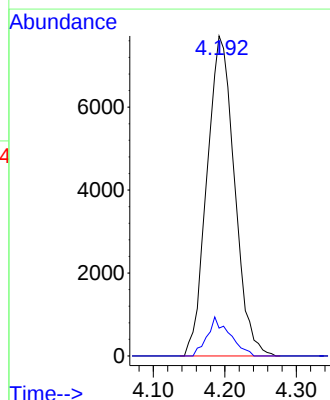
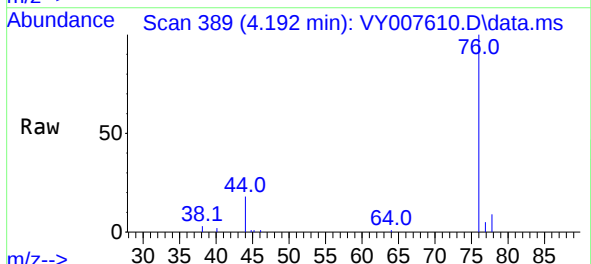
Instrument :
MSVOA_Y
ClientSampleId :
D16-6

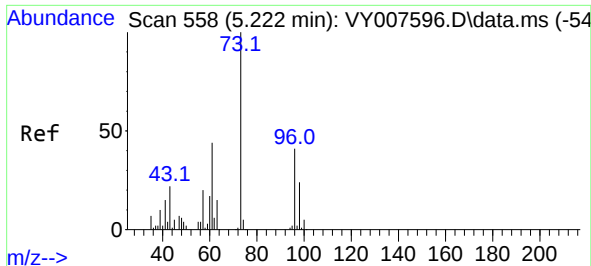
Tgt Ion: 43 Resp: 6752
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0



#17
Carbon Disulfide
Concen: 8.052 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

Tgt Ion: 76 Resp: 20628
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 12.461 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007610.D

Acq: 23 Feb 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

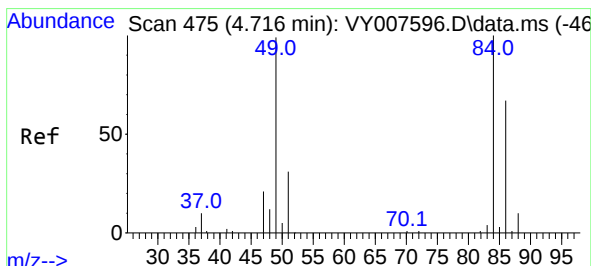
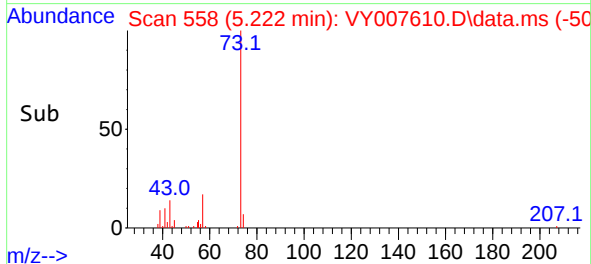
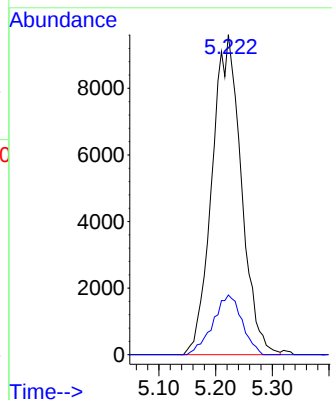
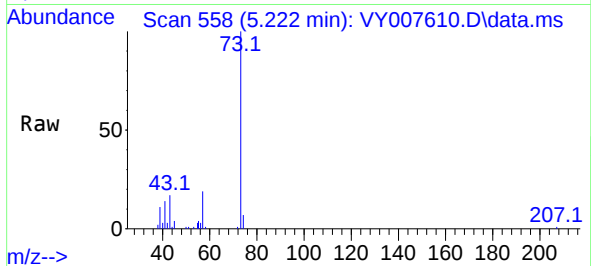
D16-6

Tgt Ion: 73 Resp: 34524

Ion Ratio Lower Upper

73 100

57 18.6 18.6 27.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007610.D

Acq: 23 Feb 2022 20:03

Tgt Ion: 84 Resp: 1775

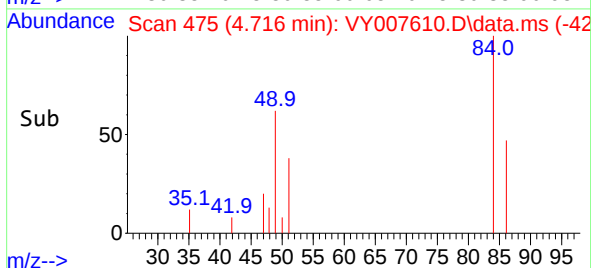
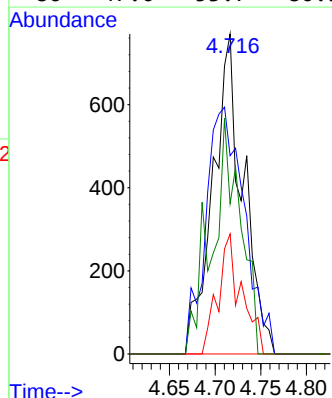
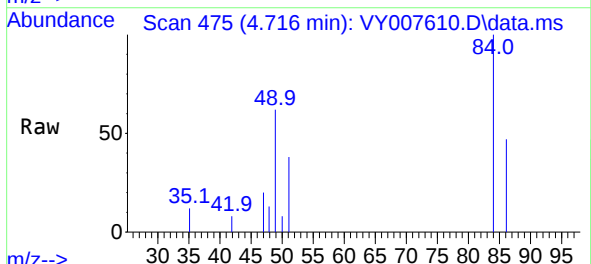
Ion Ratio Lower Upper

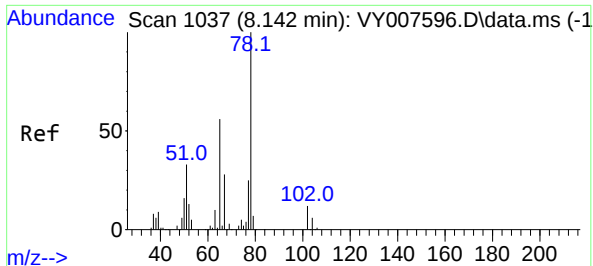
84 100

49 61.9 114.4 171.6#

51 37.5 35.3 52.9

86 47.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 49.553 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007610.D

Acq: 23 Feb 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

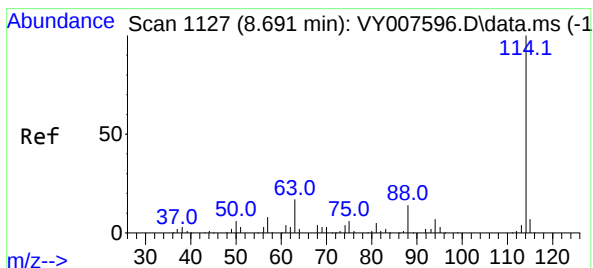
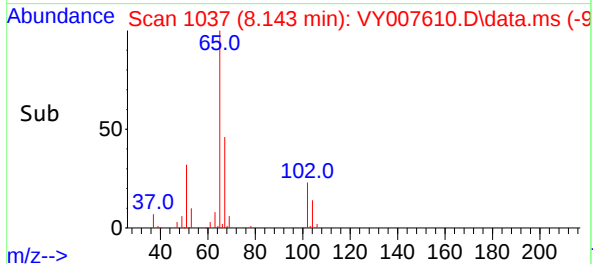
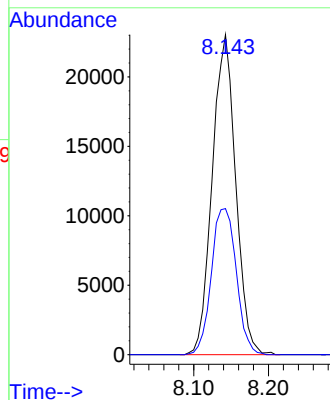
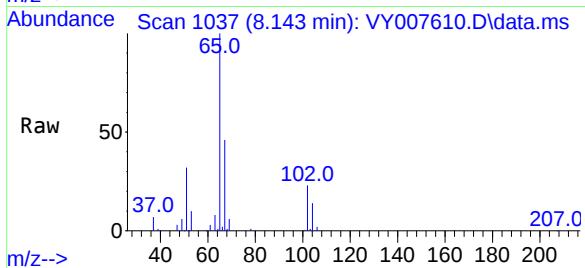
D16-6

Tgt Ion: 65 Resp: 50309

Ion Ratio Lower Upper

65 100

67 48.6 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: VY007610.D

Acq: 23 Feb 2022 20:03

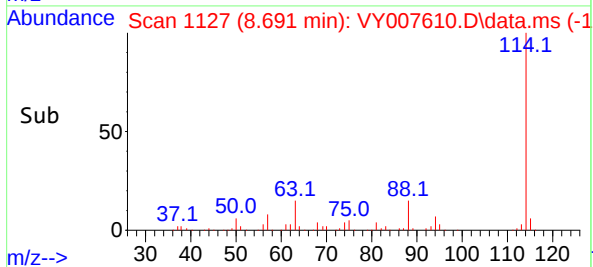
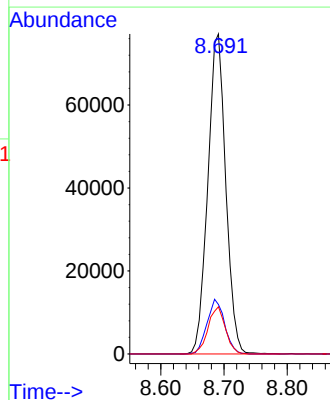
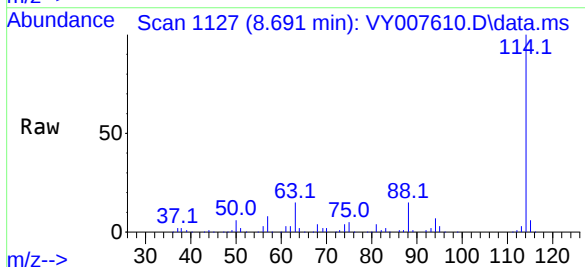
Tgt Ion: 114 Resp: 152013

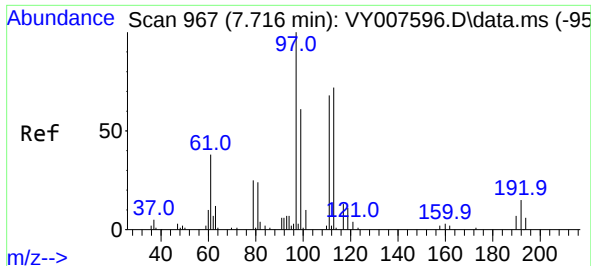
Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 14.8 0.0 31.8

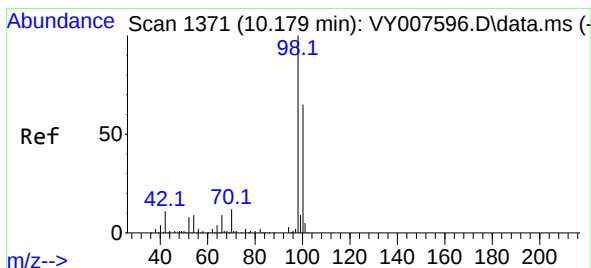
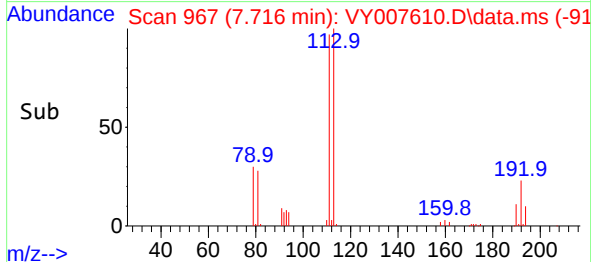
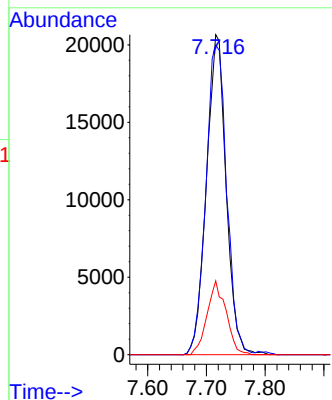
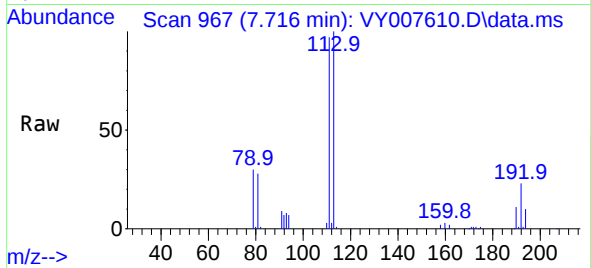




#35
Dibromofluoromethane
Concen: 50.068 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

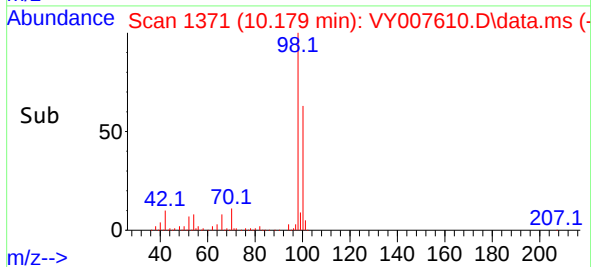
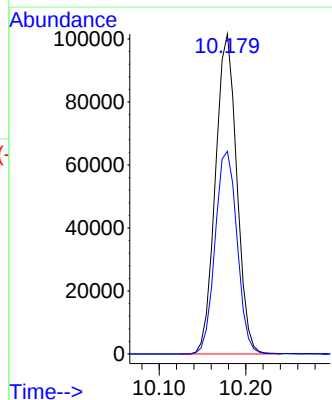
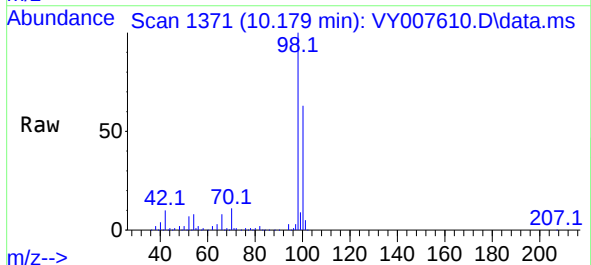
Instrument :
MSVOA_Y
ClientSampleId :
D16-6

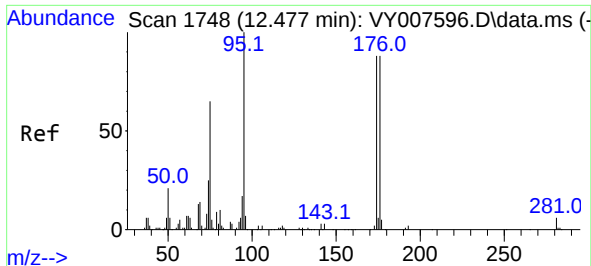
Tgt Ion:113 Resp: 48024
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.3 17.6 26.4



#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

Tgt Ion: 98 Resp: 173916
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

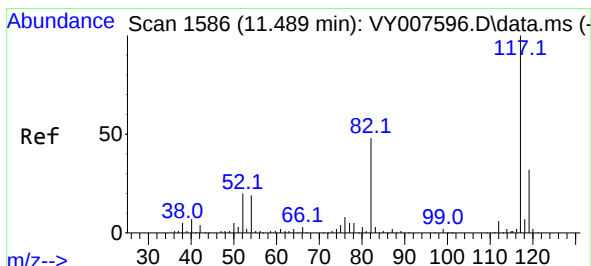
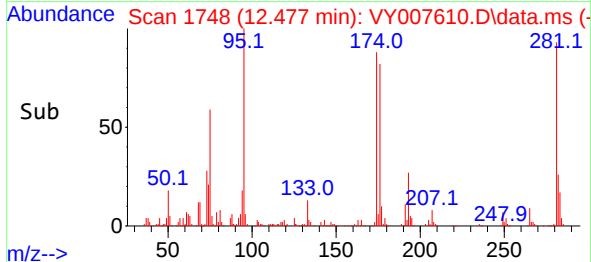
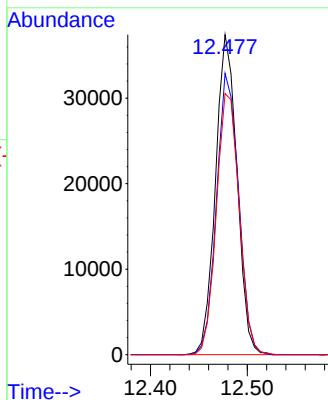
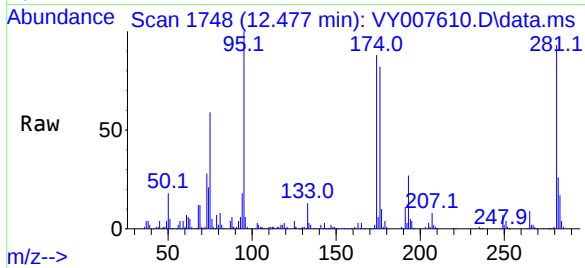




#62
4-Bromofluorobenzene
Concen: 47.536 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

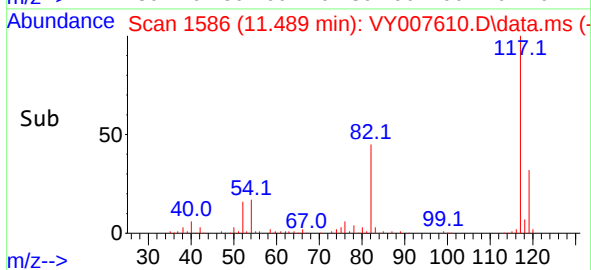
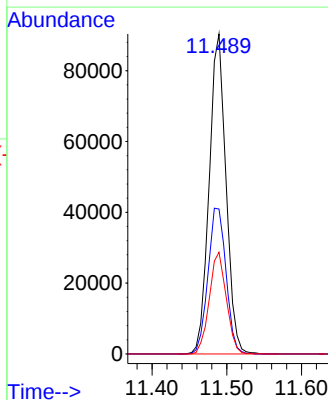
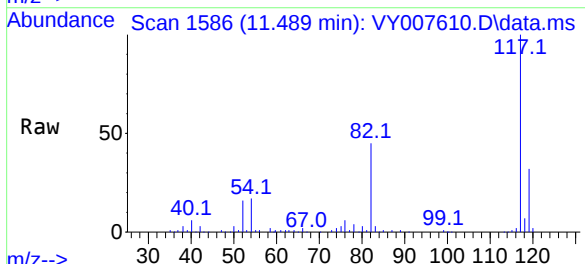
Instrument :
MSVOA_Y
ClientSampleId :
D16-6

Tgt Ion:	95	Resp:	57653
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	177.0
176	86.7	0.0	175.8

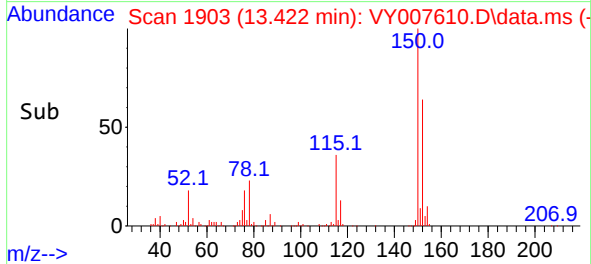
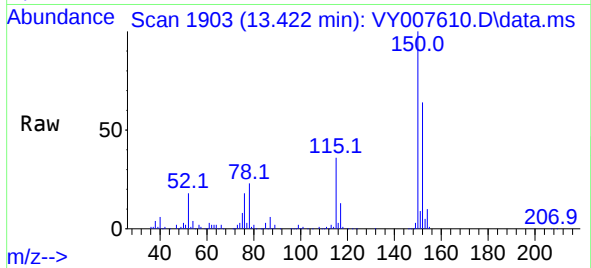
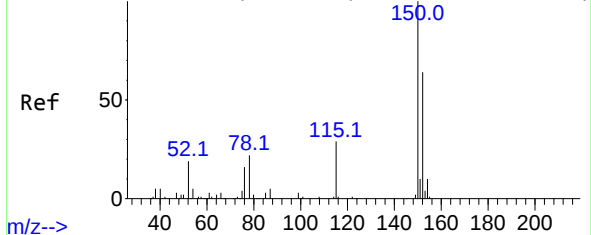


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

Tgt Ion:	117	Resp:	141269
Ion	Ratio	Lower	Upper
117	100		
82	45.3	43.0	64.4
119	31.8	25.4	38.0



Abundance Scan 1903 (13.422 min): VY007596.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007610.D
Acq: 23 Feb 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
D16-6

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	157.2	0.0	347.6

