

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006492.D
 Acq On : 26 Oct 2021 19:32
 Operator : SY/MD
 Sample : M4340-04
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-ED

Quant Time: Oct 27 05:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

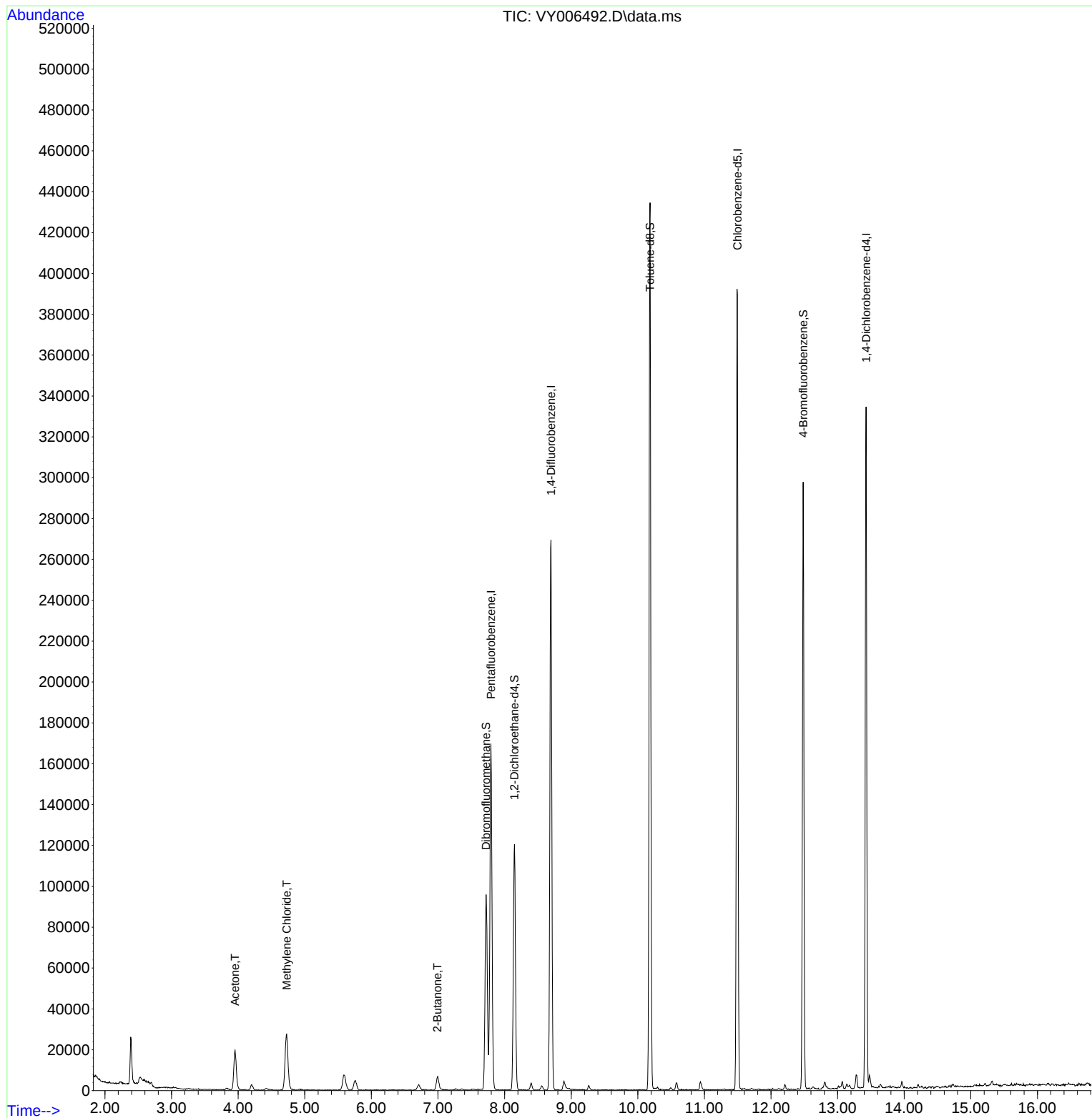
Internal Standards						
1) Pentafluorobenzene	7.795	168	123509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97984	64.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.940%	
35) Dibromofluoromethane	7.722	113	65429	54.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.185	98	274211	53.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.483	95	83102	48.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.140%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	34447	78.711	ug/l	99
20) Methylene Chloride	4.728	84	18596	10.506	ug/l	90
25) 2-Butanone	6.990	43	11563	20.168	ug/l	93

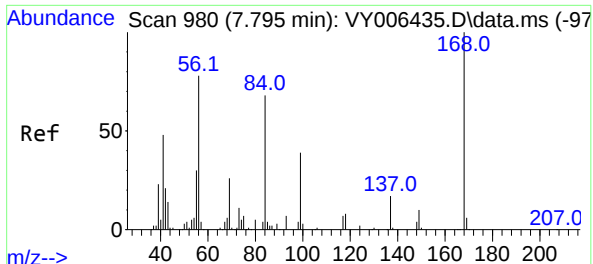
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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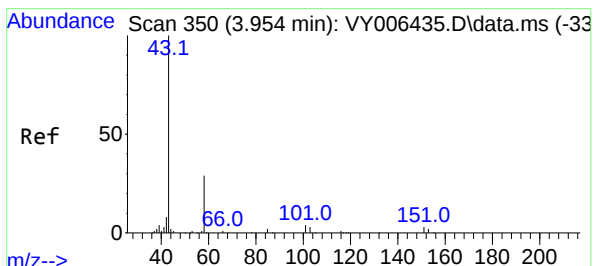
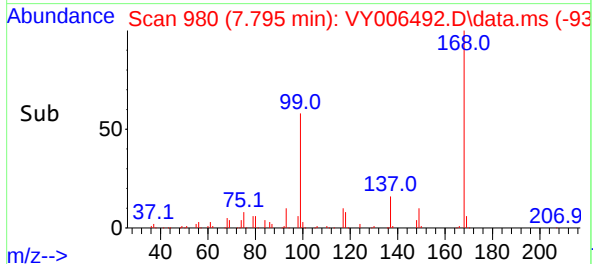
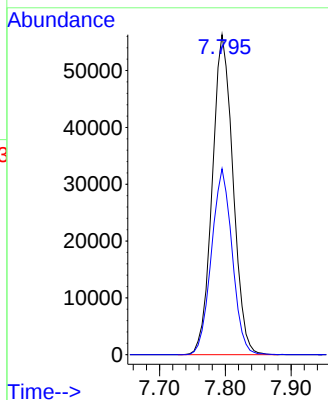
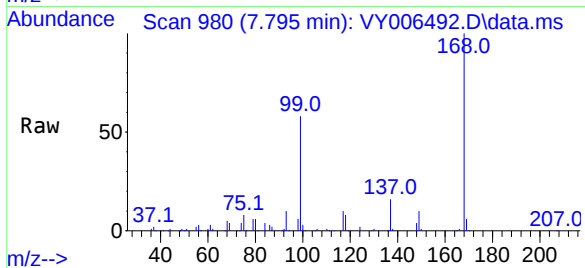




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

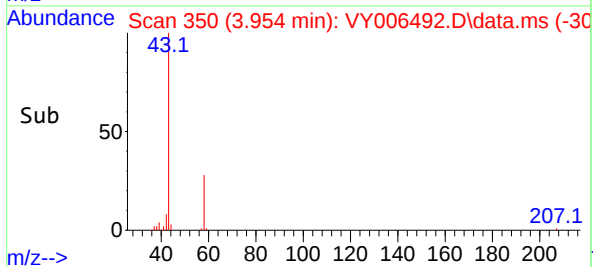
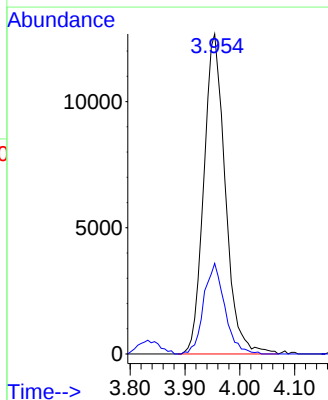
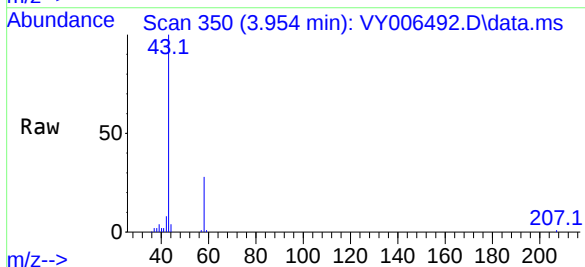
Instrument :
MSVOA_Y
ClientSampleId :
TH-ED

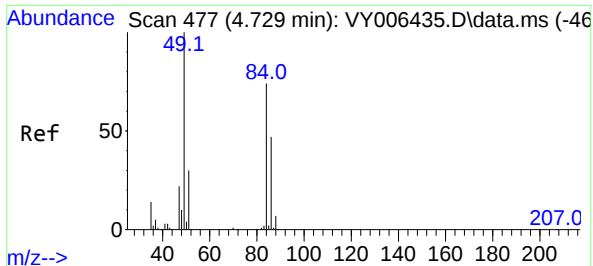
Tgt Ion:168 Resp: 123509
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#16
Acetone
Concen: 78.711 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

Tgt Ion: 43 Resp: 34447
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3



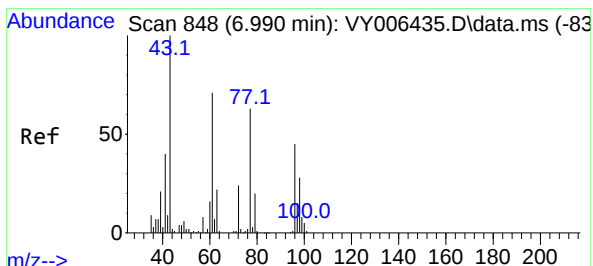
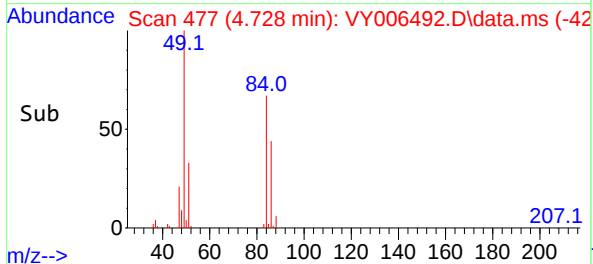
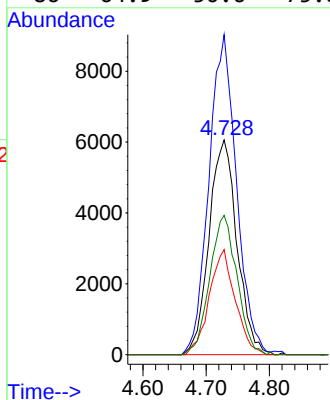
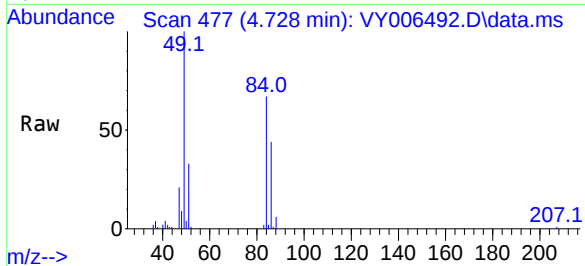


#20
Methylene Chloride
Concen: 10.506 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

Instrument :
MSVOA_Y
ClientSampleId :
TH-ED

Tgt Ion: 84 Resp: 18596

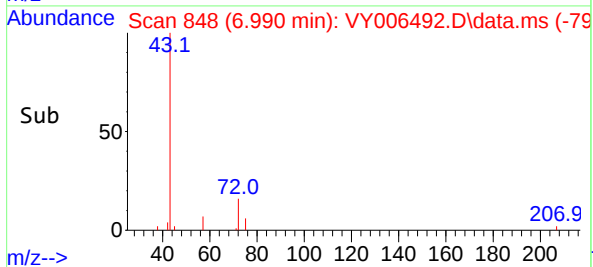
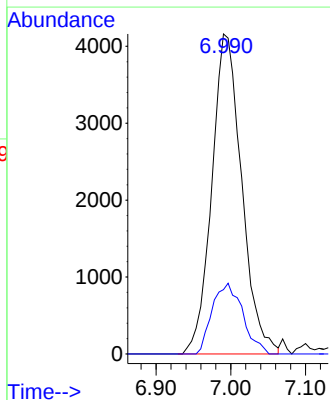
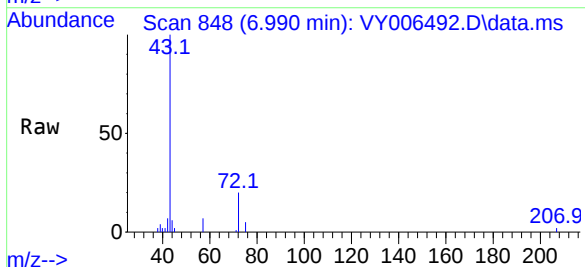
Ion	Ratio	Lower	Upper
84	100		
49	149.0	107.8	161.8
51	49.0	32.8	49.2
86	64.9	50.6	75.8

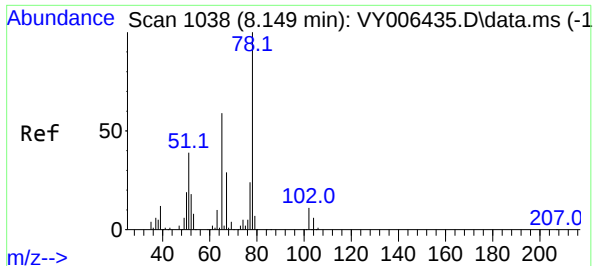


#25
2-Butanone
Concen: 20.168 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

Tgt Ion: 43 Resp: 11563

Ion	Ratio	Lower	Upper
43	100		
72	20.1	18.9	28.3





#33

1,2-Dichloroethane-d4

Concen: 64.469 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006492.D

Acq: 26 Oct 2021 19:32

Instrument :

MSVOA_Y

ClientSampleId :

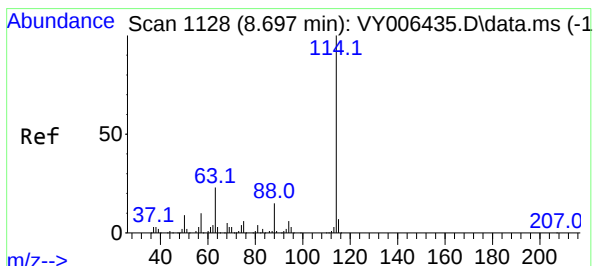
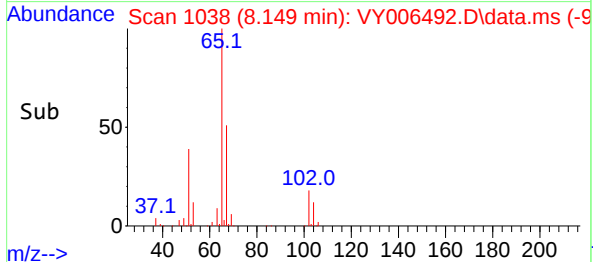
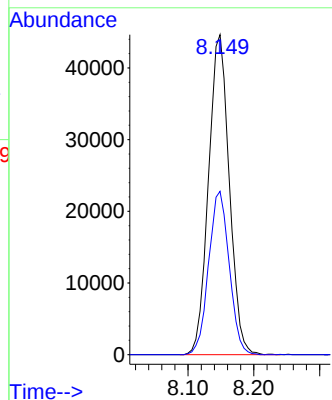
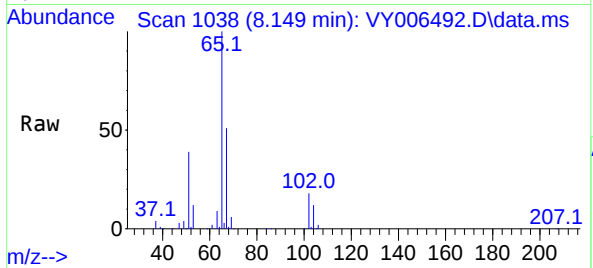
TH-ED

Tgt Ion: 65 Resp: 97984

Ion Ratio Lower Upper

65 100

67 50.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006492.D

Acq: 26 Oct 2021 19:32

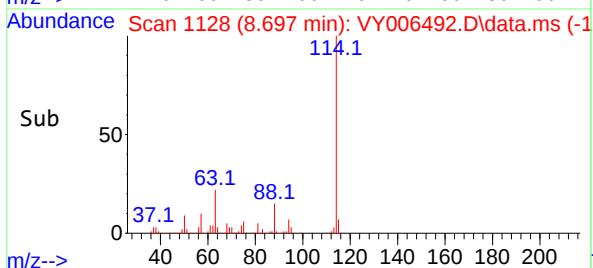
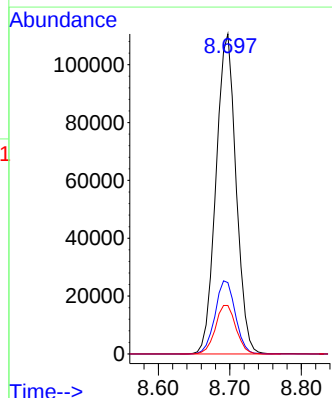
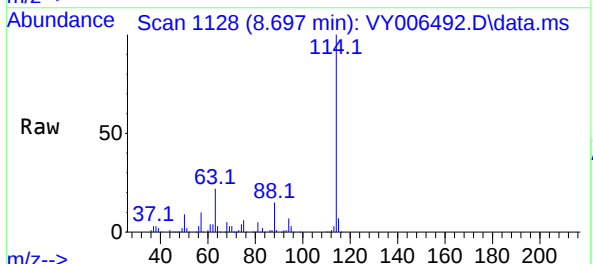
Tgt Ion: 114 Resp: 214981

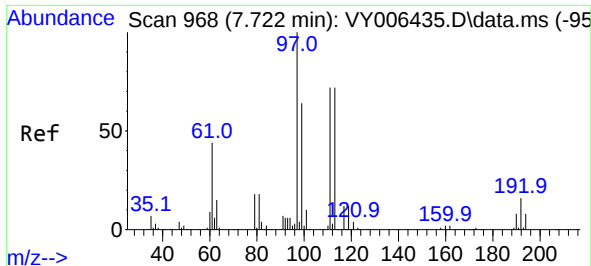
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 15.2 0.0 30.6



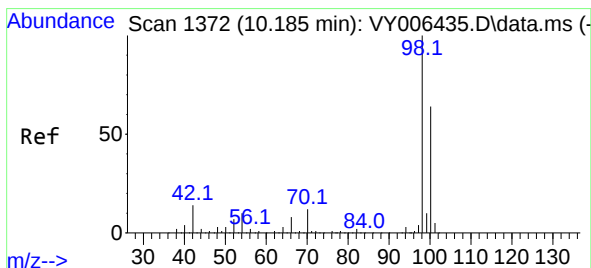
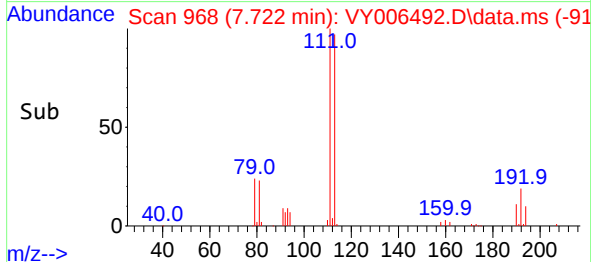
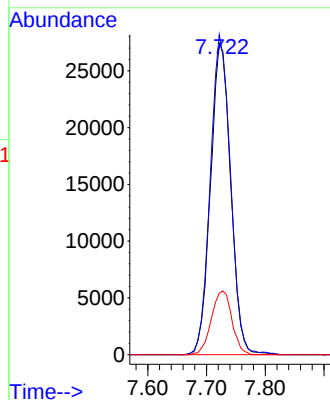
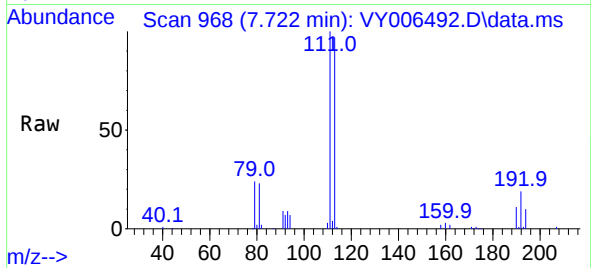


#35
 Dibromofluoromethane
 Concen: 54.604 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY006492.D
 Acq: 26 Oct 2021 19:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-ED

Tgt Ion:113 Resp: 65429

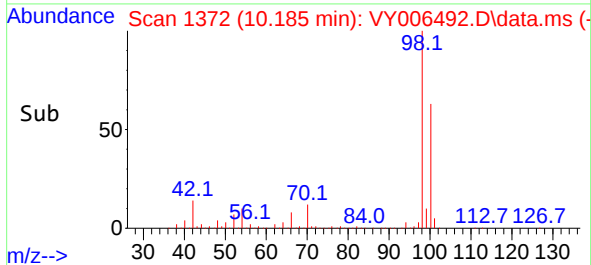
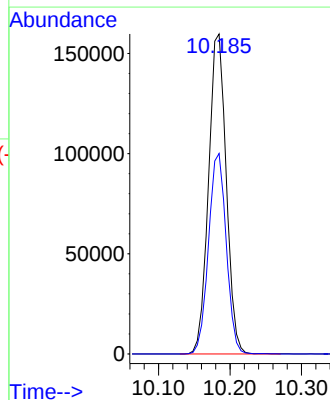
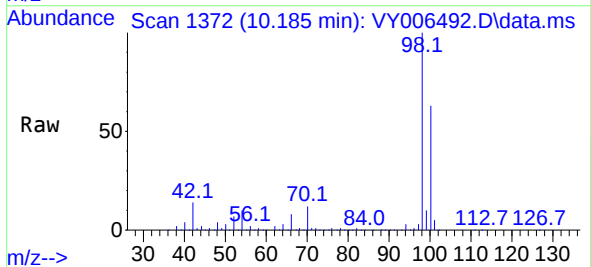
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	20.8	17.4	26.2

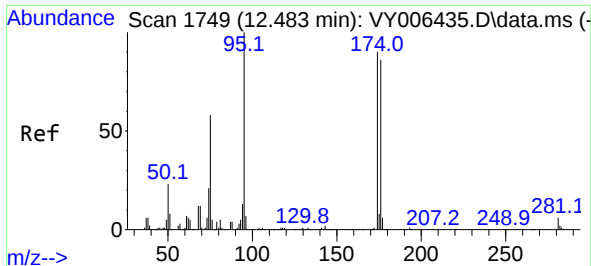


#50
 Toluene-d8
 Concen: 53.984 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY006492.D
 Acq: 26 Oct 2021 19:32

Tgt Ion: 98 Resp: 274211

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3

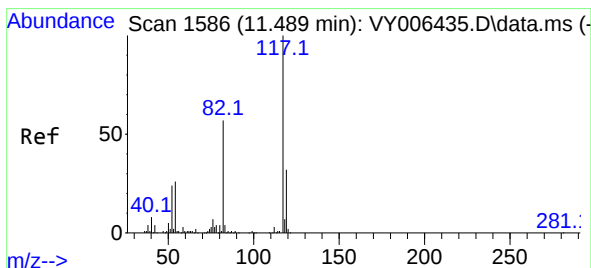
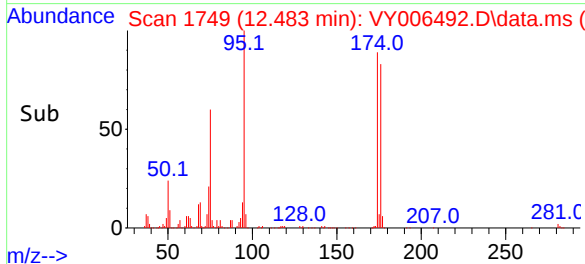
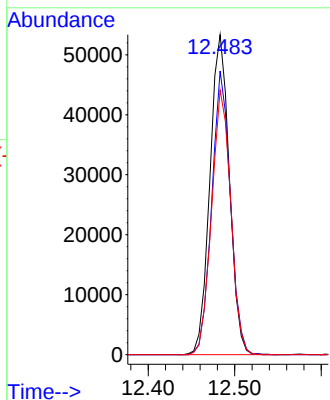
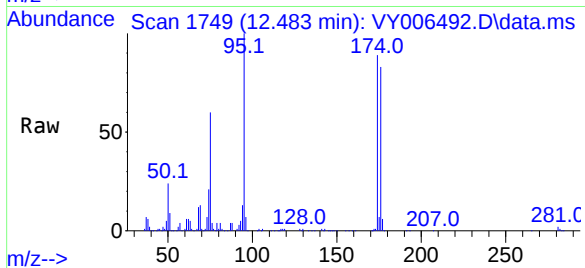




#62
4-Bromofluorobenzene
Concen: 48.567 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

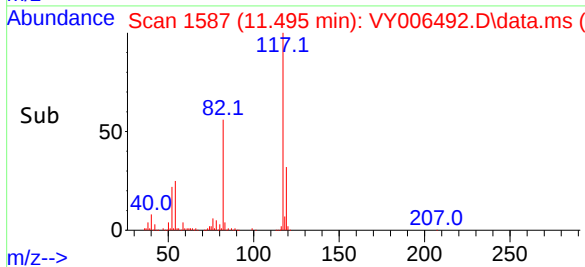
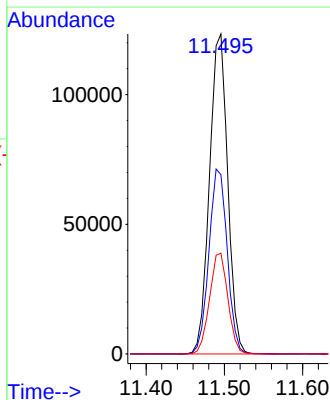
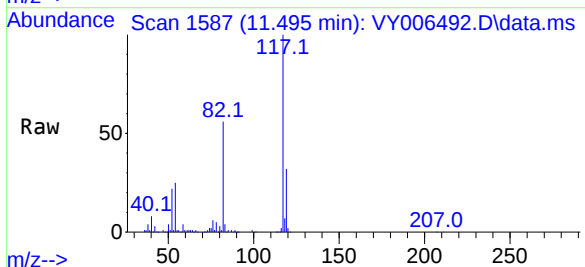
Instrument :
MSVOA_Y
ClientSampleId :
TH-ED

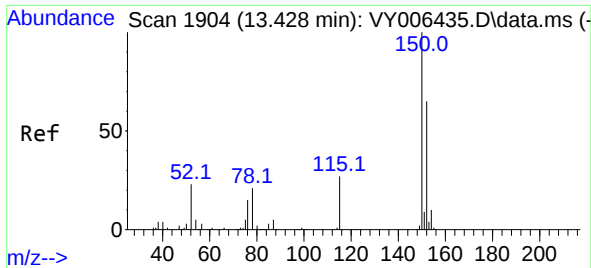
Tgt Ion: 95 Resp: 83102
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006492.D
Acq: 26 Oct 2021 19:32

Tgt Ion: 117 Resp: 199046
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.5 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: VY006492.D
 Acq: 26 Oct 2021 19:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-ED

Tgt Ion:152 Resp: 79580
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.5 85.5
 150 153.9 0.0 348.2

