

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006575.D
 Acq On : 02 Nov 2021 14:17
 Operator : SY/MD
 Sample : M4427-03
 Misc : 3.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-4-20211029-7.5-8

Quant Time: Nov 03 02:01:27 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)

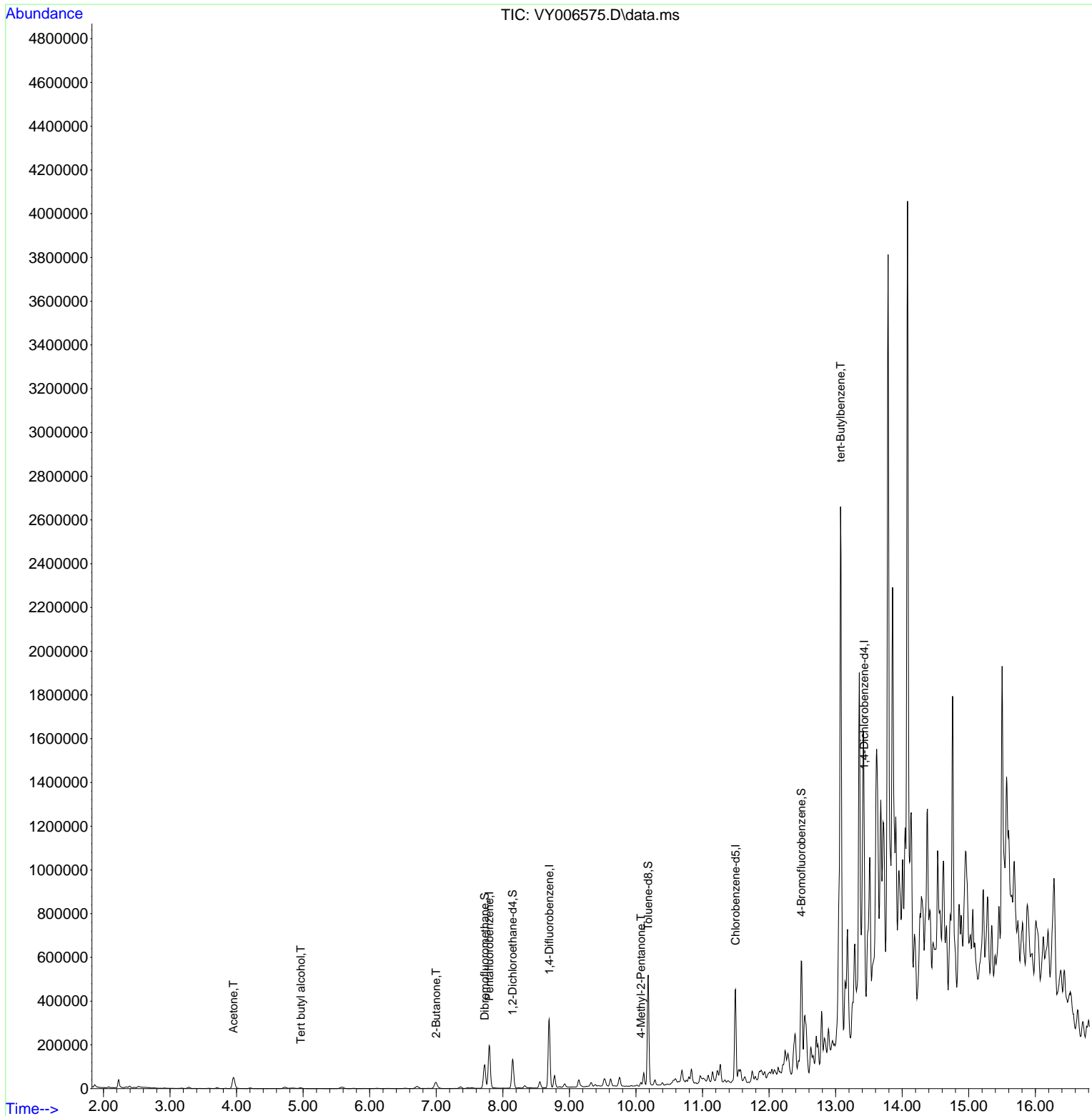
Internal Standards						
1) Pentafluorobenzene	7.795	168	144661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	103783	58.300	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.600%	
35) Dibromofluoromethane	7.728	113	74456	54.291	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.580%	
50) Toluene-d8	10.184	98	316388	54.421	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.840%	
62) 4-Bromofluorobenzene	12.483	95	85222	43.516	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	87.040%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	6690	41.368	ug/l #	94
16) Acetone	3.954	43	88090	171.854	ug/l	98
25) 2-Butanone	6.996	43	33594	50.026	ug/l #	90
51) 4-Methyl-2-Pentanone	10.075	43	11209	7.164	ug/l	91
83) tert-Butylbenzene	13.074	119	826759	291.265	ug/l	98

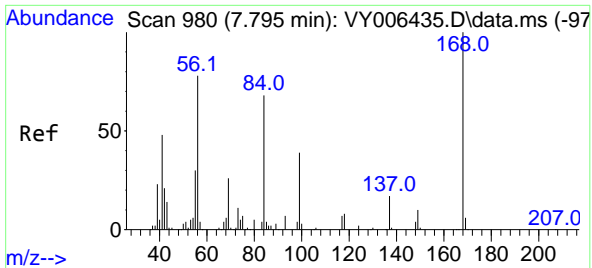
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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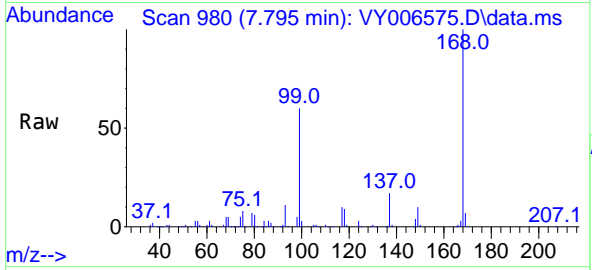
Quant Time: Nov 03 02:01:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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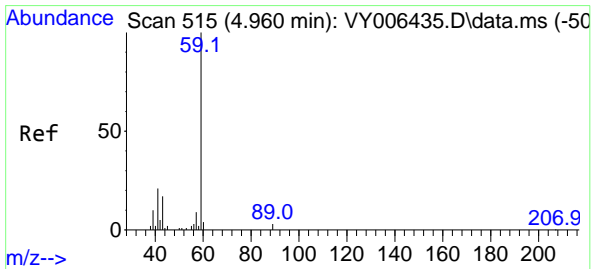
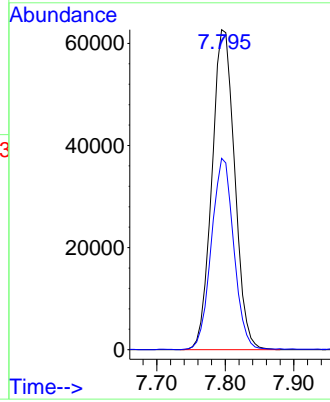
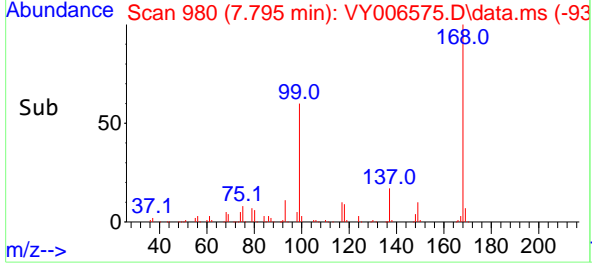


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

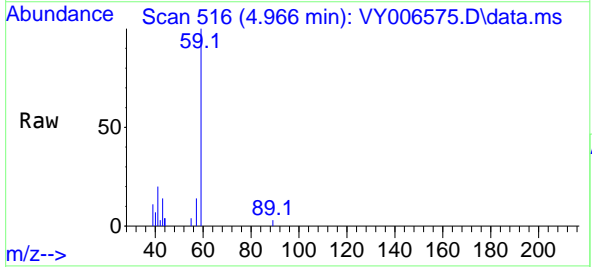
Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8



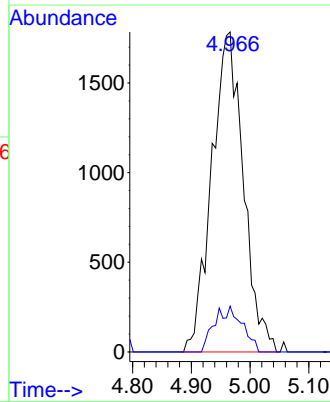
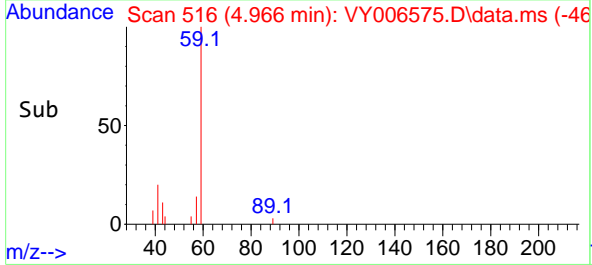
Tgt Ion:168 Resp: 144661
 Ion Ratio Lower Upper
 168 100
 99 59.8 44.8 67.2

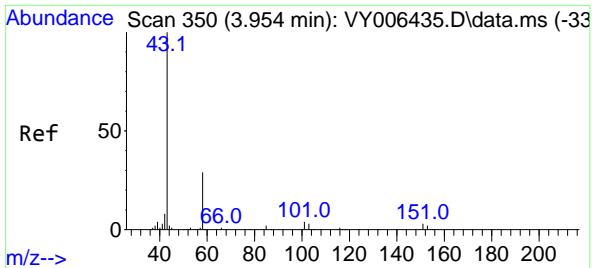


#11
 Tert butyl alcohol
 Concen: 41.368 ug/l
 RT: 4.966 min Scan# 516
 Delta R.T. 0.006 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17



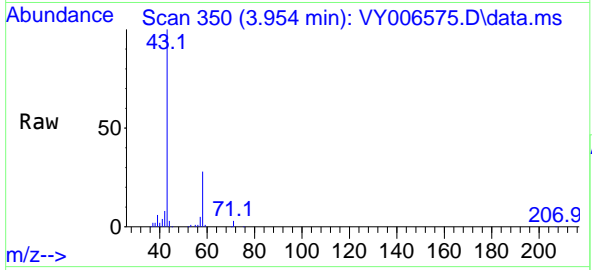
Tgt Ion: 59 Resp: 6690
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.2 12.4#



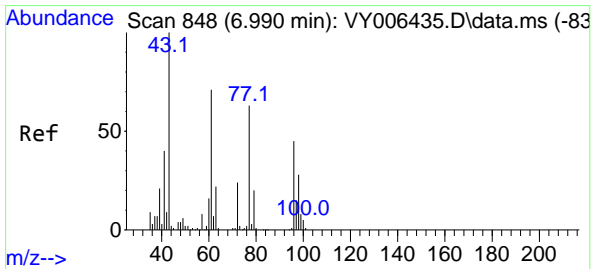
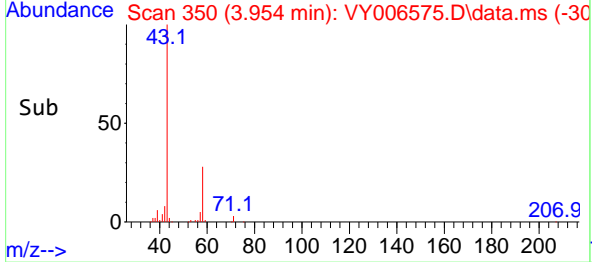
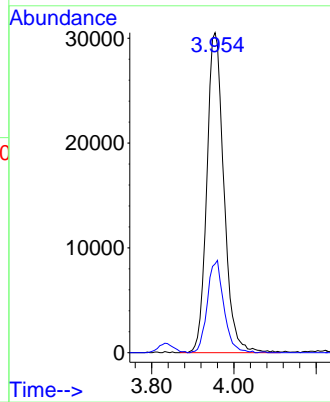


#16
 Acetone
 Concen: 171.854 ug/l
 RT: 3.954 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8

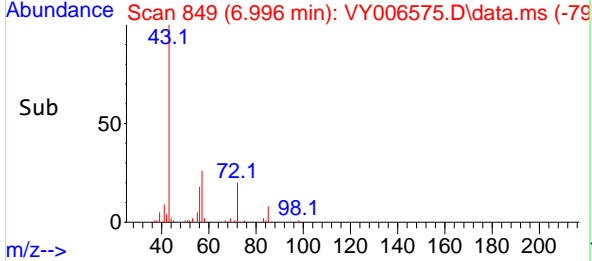
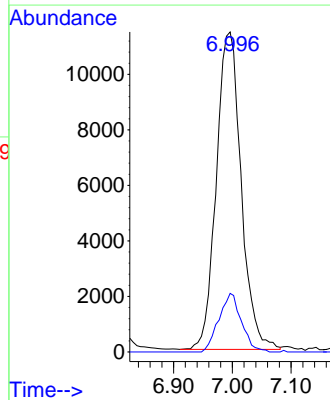
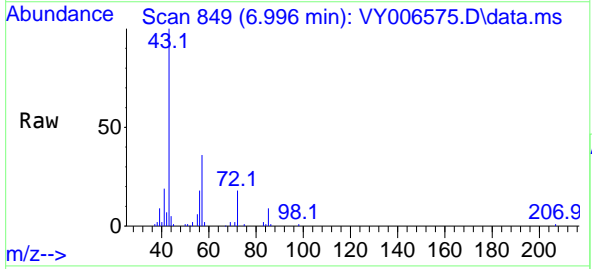


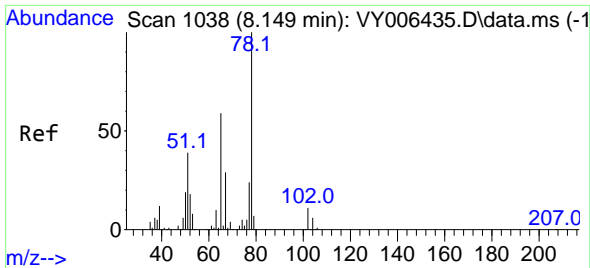
Tgt Ion: 43 Resp: 88090
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.9 34.3



#25
 2-Butanone
 Concen: 50.026 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

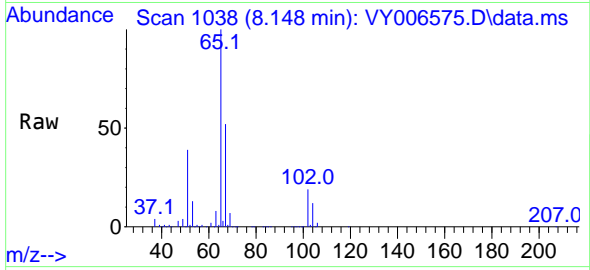
Tgt Ion: 43 Resp: 33594
 Ion Ratio Lower Upper
 43 100
 72 18.5 18.9 28.3#



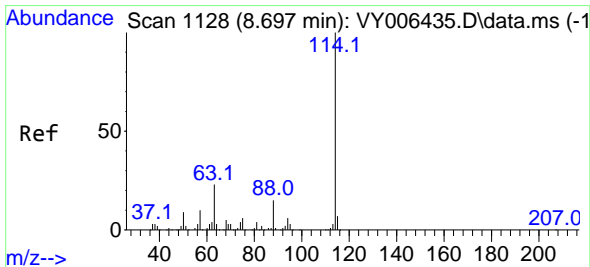
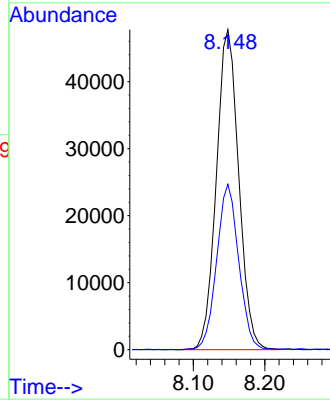
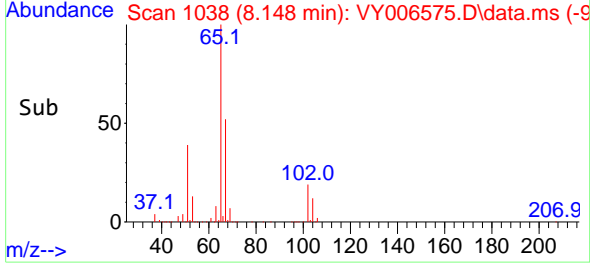


#33
 1,2-Dichloroethane-d4
 Concen: 58.300 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

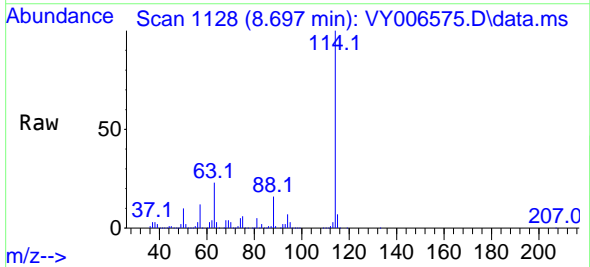
Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8



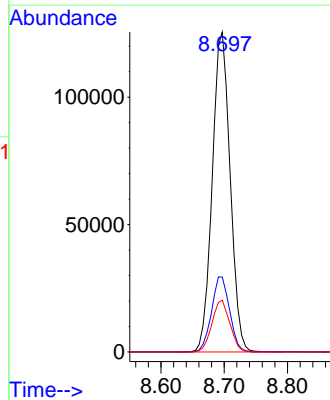
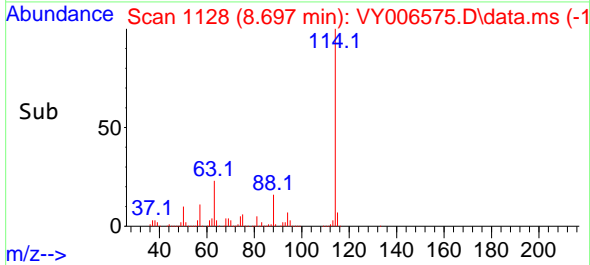
Tgt Ion: 65 Resp: 103783
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 98.2

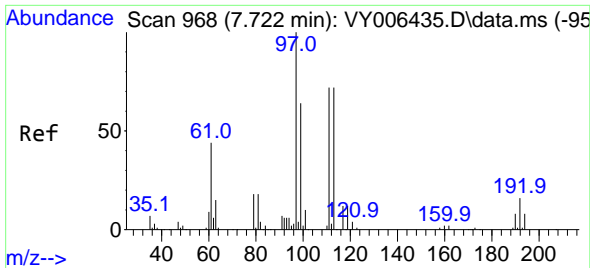


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17



Tgt Ion: 114 Resp: 246054
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 16.2 0.0 30.6



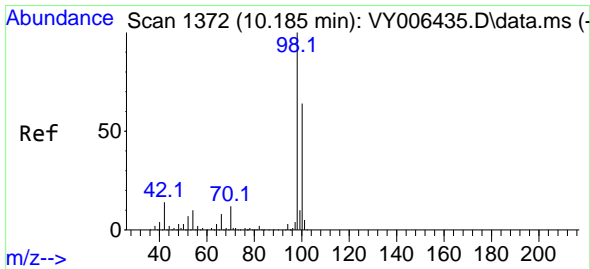
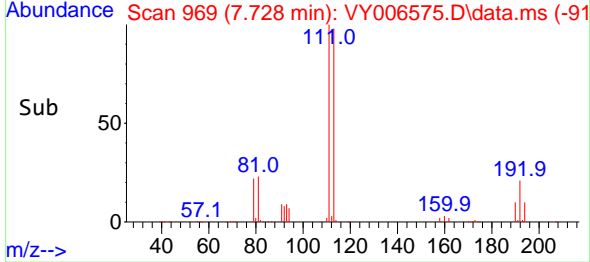
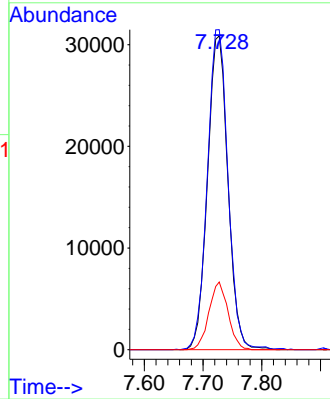
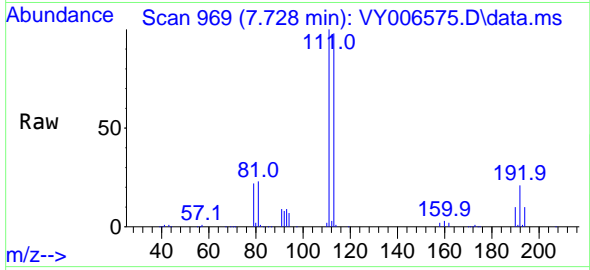


#35
 Dibromofluoromethane
 Concen: 54.291 ug/l
 RT: 7.728 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8

Tgt Ion:113 Resp: 74456

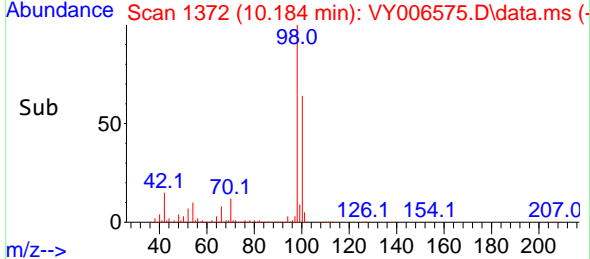
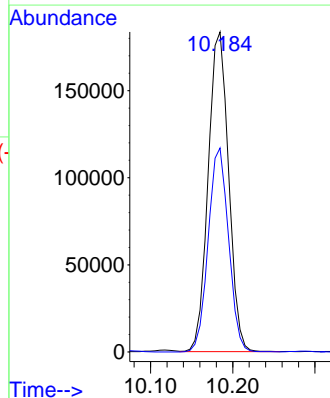
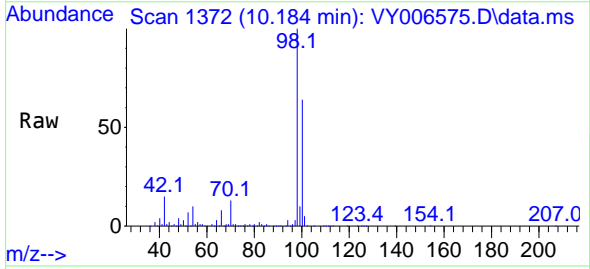
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.2	17.4	26.2

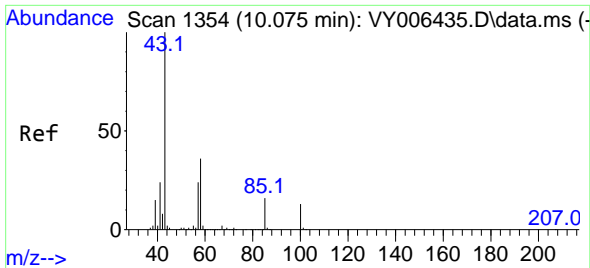


#50
 Toluene-d8
 Concen: 54.421 ug/l
 RT: 10.184 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Tgt Ion: 98 Resp: 316388

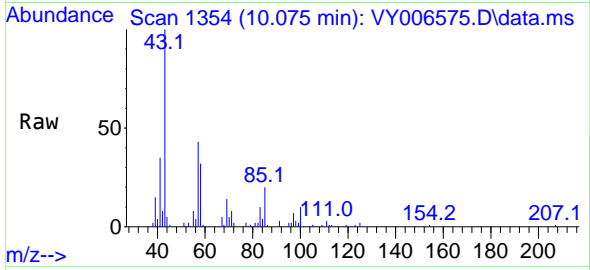
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



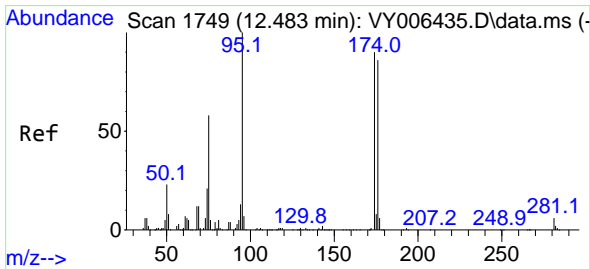
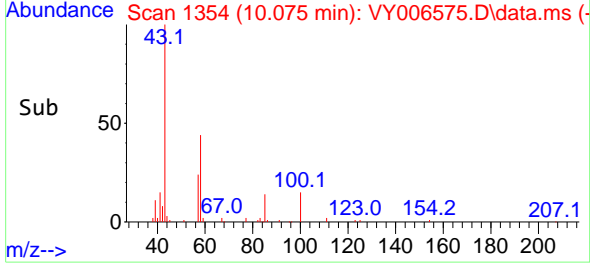
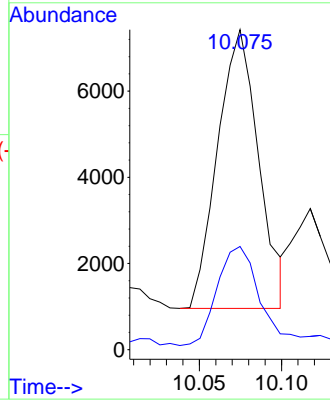


#51
 4-Methyl-2-Pentanone
 Concen: 7.164 ug/l
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8

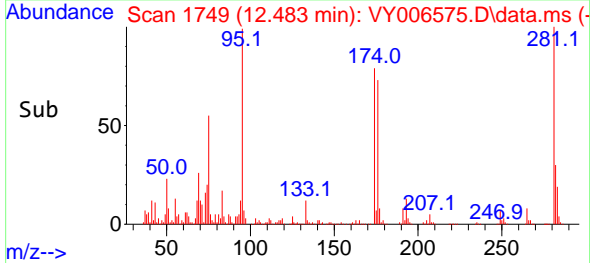
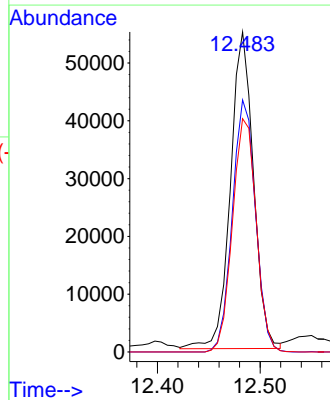
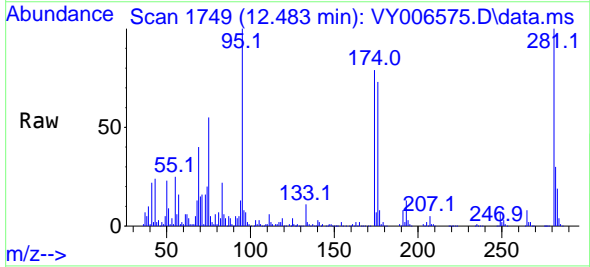


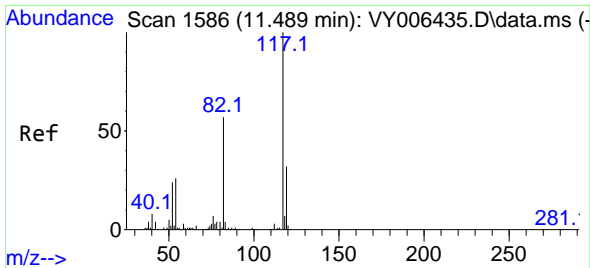
Tgt Ion: 43 Resp: 11209
 Ion Ratio Lower Upper
 43 100
 58 41.4 28.7 43.1



#62
 4-Bromofluorobenzene
 Concen: 43.516 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

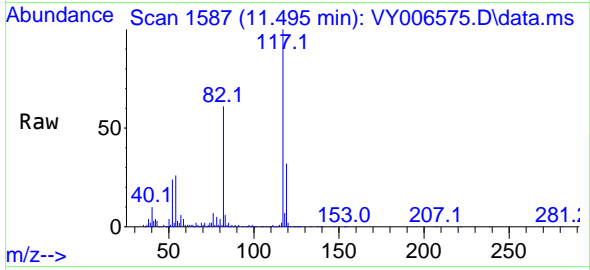
Tgt Ion: 95 Resp: 85222
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 177.0
 176 76.0 0.0 169.4





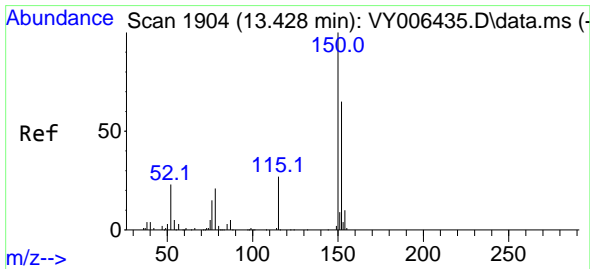
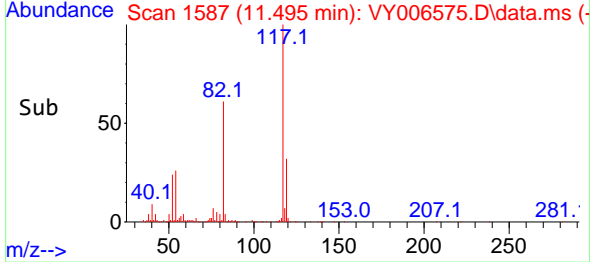
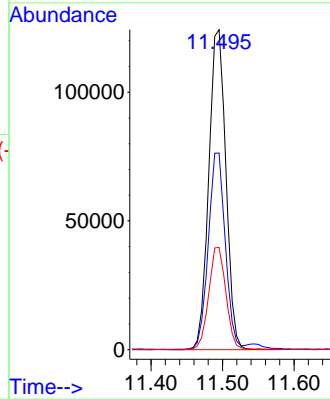
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.495 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-4-20211029-7.5-8

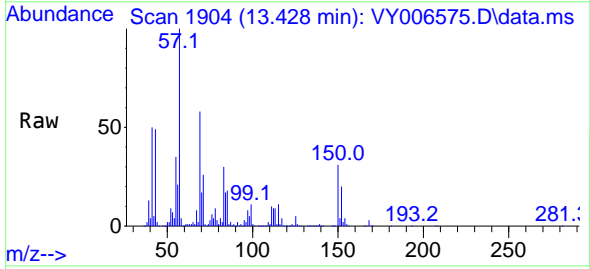


Tgt Ion:117 Resp: 206760

Ion	Ratio	Lower	Upper
117	100		
82	61.3	45.7	68.5
119	32.0	25.5	38.3

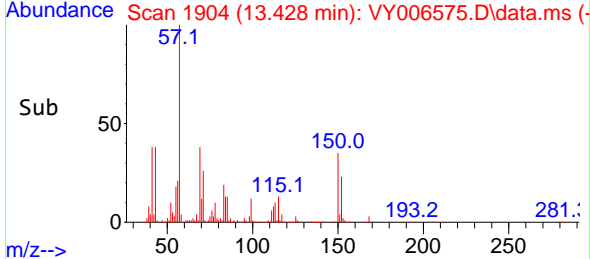
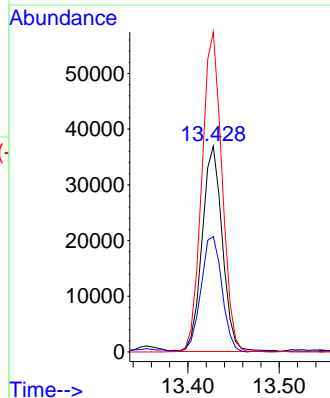


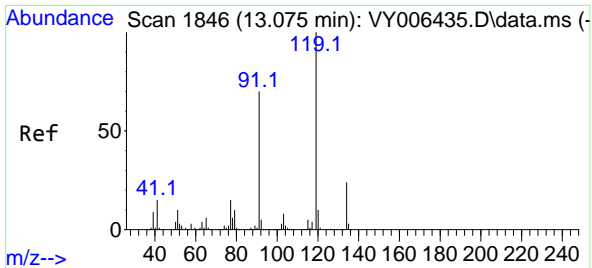
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17



Tgt Ion:152 Resp: 56394

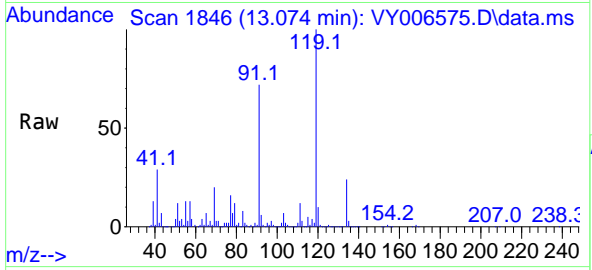
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.5	85.5
150	155.8	0.0	348.2





#83
 tert-Butylbenzene
 Concen: 291.265 ug/l
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY006575.D
 Acq: 02 Nov 2021 14:17

Instrument : MSVOA_Y
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Tgt Ion:119 Resp: 826759

Ion	Ratio	Lower	Upper
119	100		
91	71.0	34.8	104.5
134	24.3	13.0	38.9

