

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006589.D
 Acq On : 02 Nov 2021 20:10
 Operator : SY/MD
 Sample : M4427-06
 Misc : 2.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D20211029

Quant Time: Nov 03 02:03:21 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)

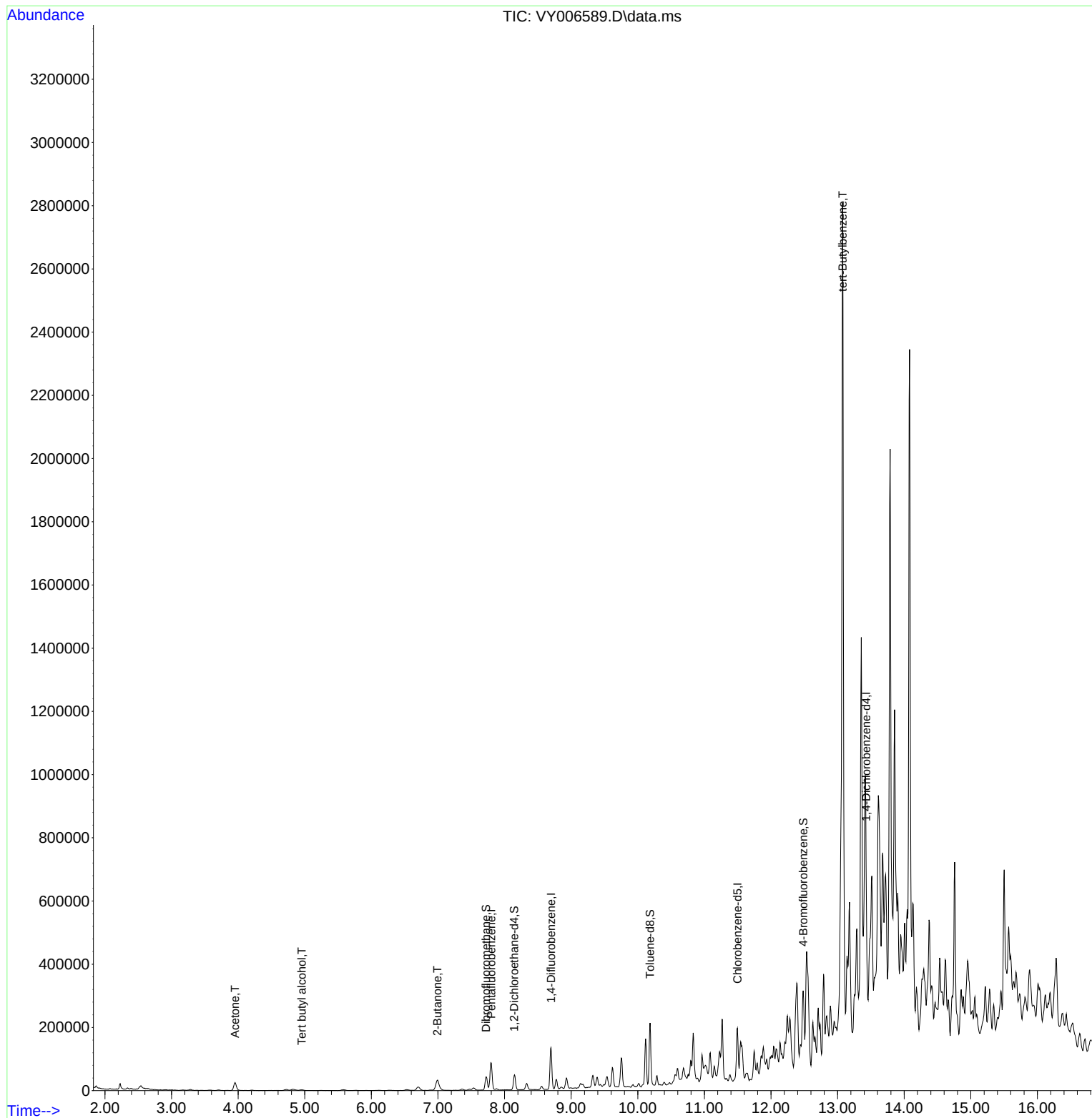
Internal Standards						
1) Pentafluorobenzene	7.801	168	66549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	105139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	69616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37545	45.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.700%
35) Dibromofluoromethane	7.722	113	29797	50.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.700%
50) Toluene-d8	10.185	98	124326	50.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.483	95	23365	27.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	4720	63.444	ug/l	100
16) Acetone	3.954	43	35490	150.504	ug/l	97
25) 2-Butanone	6.990	43	23912	77.403	ug/l #	70
83) tert-Butylbenzene	13.075	119	903441	1953.963	ug/l	97

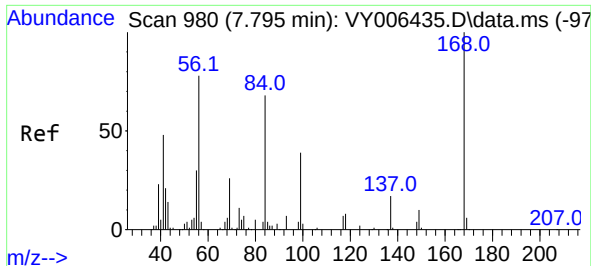
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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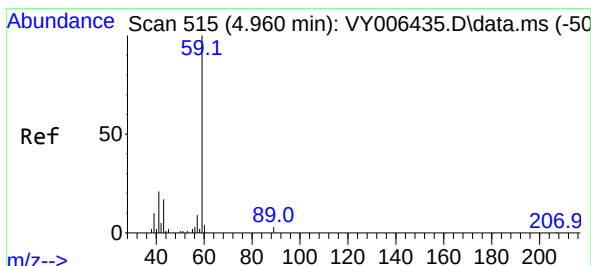
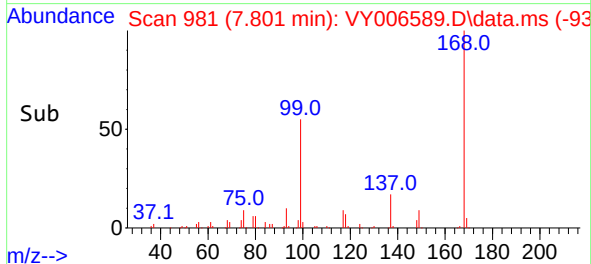
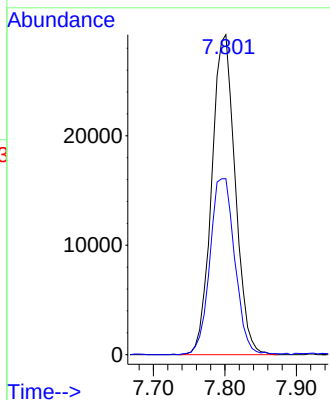
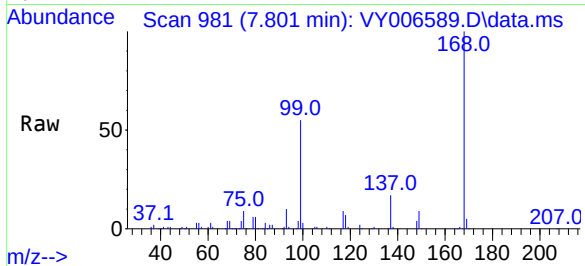




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

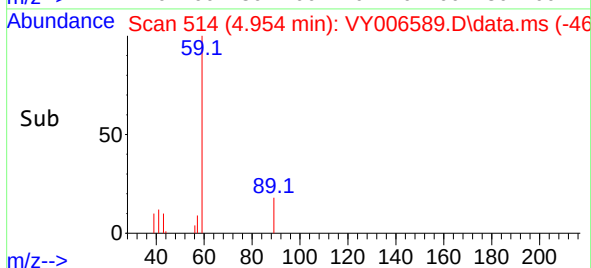
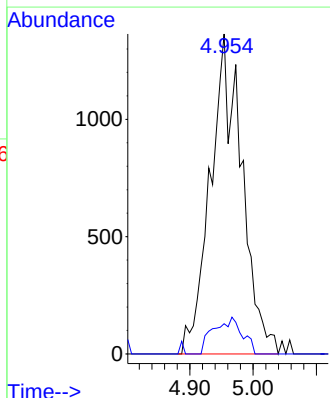
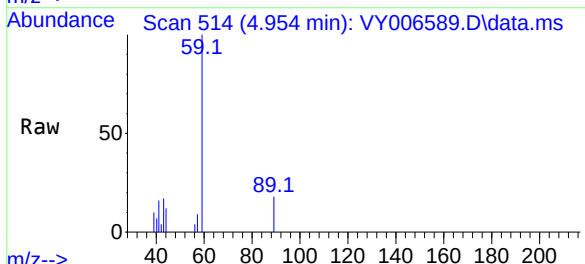
Instrument :
MSVOA_Y
ClientSampleId :
D20211029

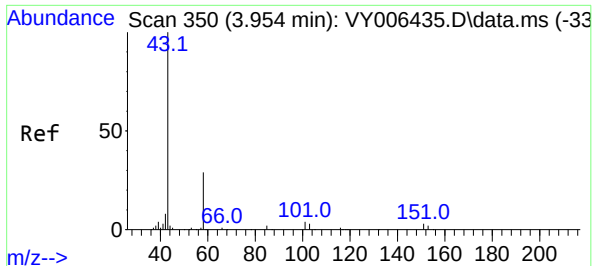
Tgt Ion:168 Resp: 66549
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 63.444 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

Tgt Ion: 59 Resp: 4720
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

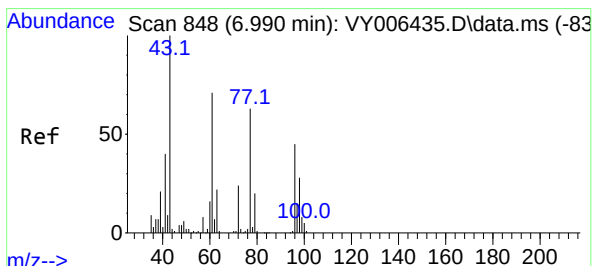
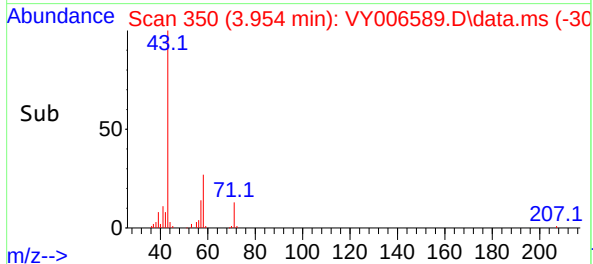
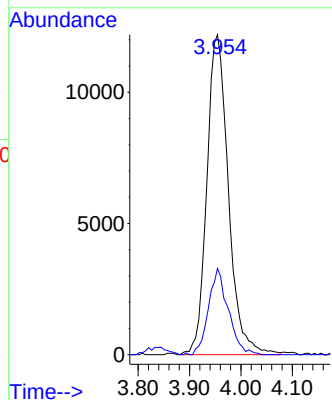
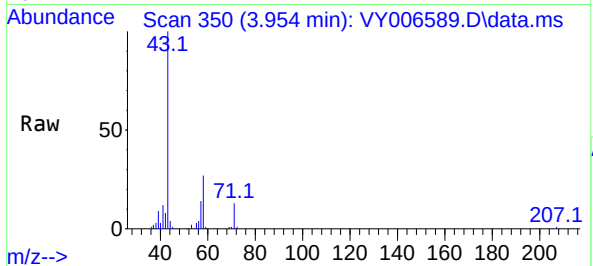




#16
Acetone
Concen: 150.504 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

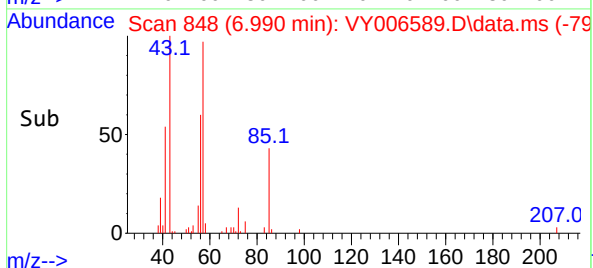
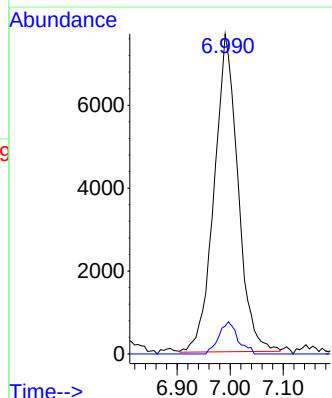
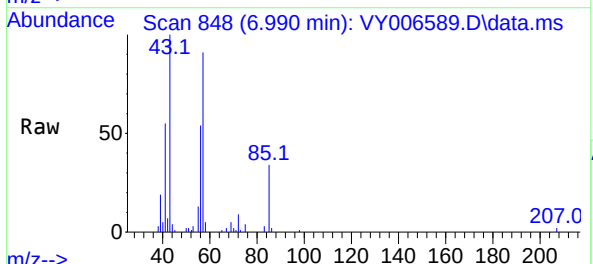
Instrument :
MSVOA_Y
ClientSampleId :
D20211029

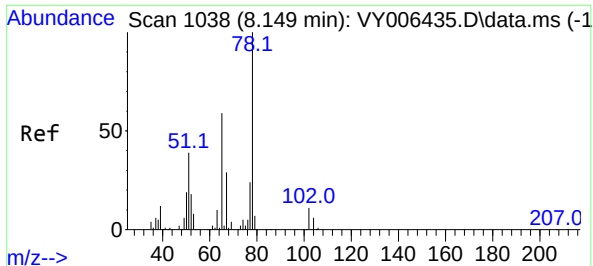
Tgt Ion: 43 Resp: 35490
Ion Ratio Lower Upper
43 100
58 26.9 22.9 34.3



#25
2-Butanone
Concen: 77.403 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

Tgt Ion: 43 Resp: 23912
Ion Ratio Lower Upper
43 100
72 8.8 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 45.846 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY006589.D

Acq: 02 Nov 2021 20:10

Instrument :

MSVOA_Y

ClientSampleId :

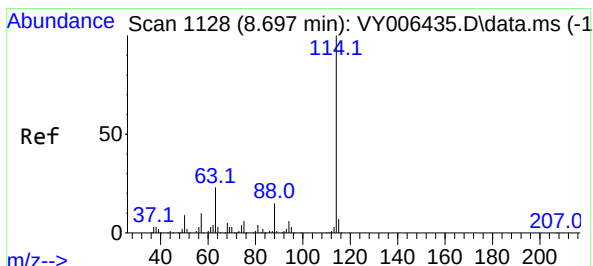
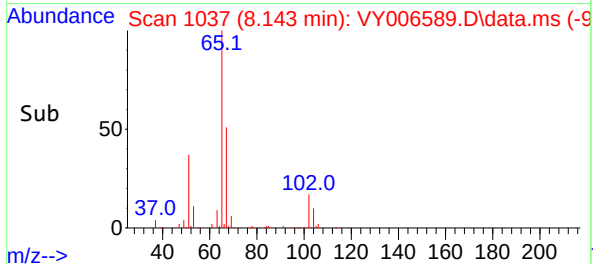
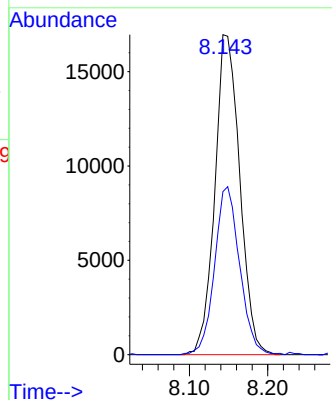
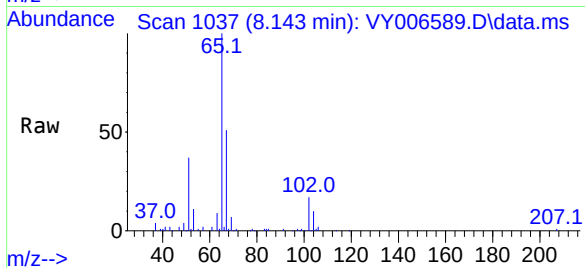
D20211029

Tgt Ion: 65 Resp: 37545

Ion Ratio Lower Upper

65 100

67 52.7 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: VY006589.D

Acq: 02 Nov 2021 20:10

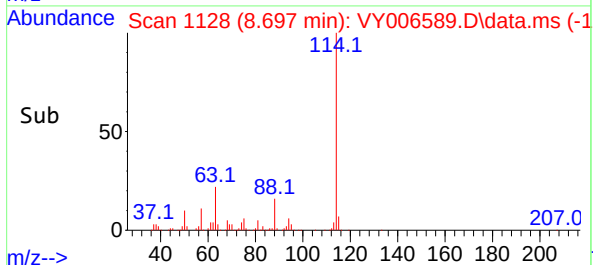
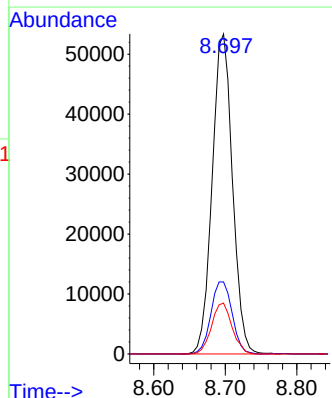
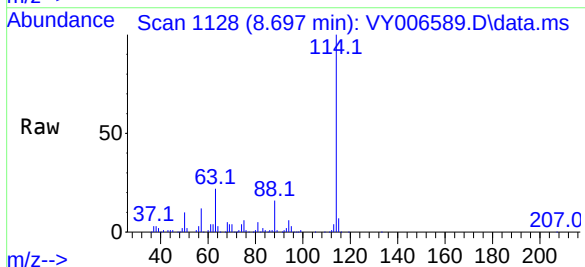
Tgt Ion: 114 Resp: 105139

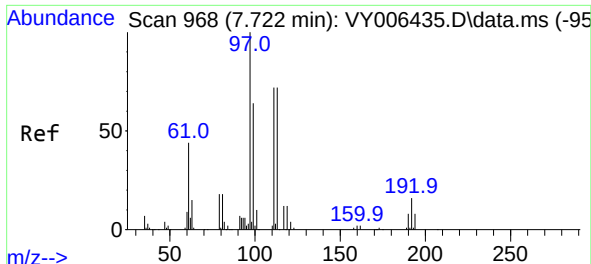
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.9 0.0 30.6

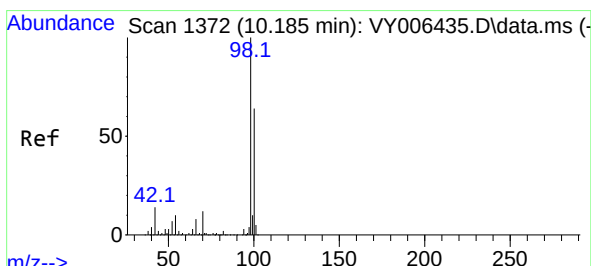
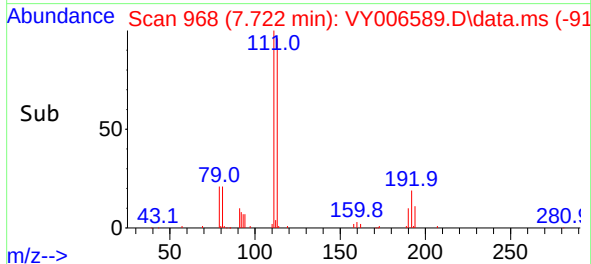
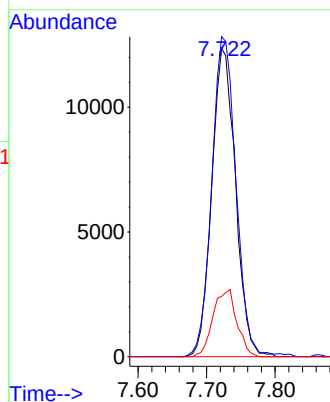
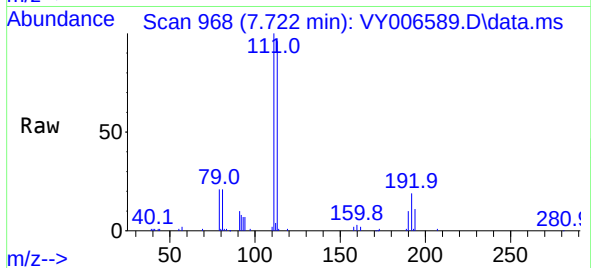




#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

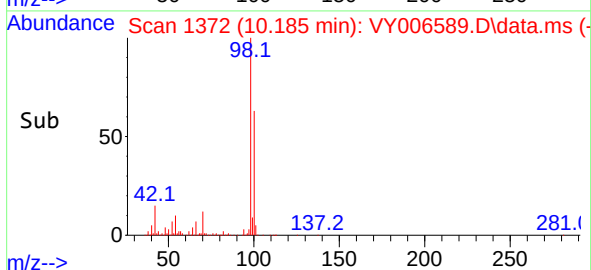
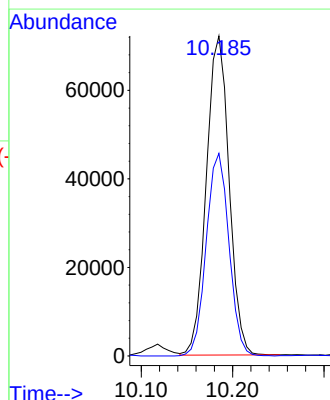
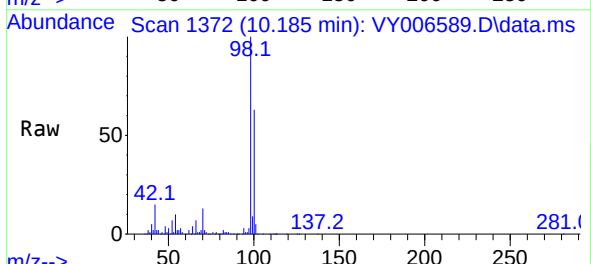
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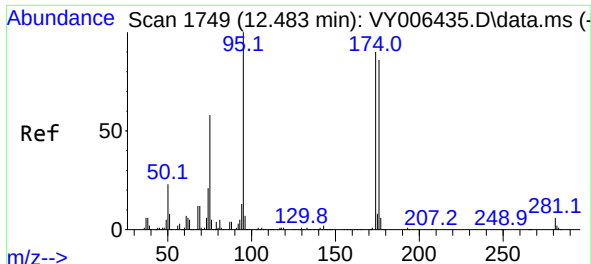
Tgt Ion:113 Resp: 29797
Ion Ratio Lower Upper
113 100
111 105.1 82.3 123.5
192 21.7 17.4 26.2



#50
Toluene-d8
Concen: 50.047 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

Tgt Ion: 98 Resp: 124326
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

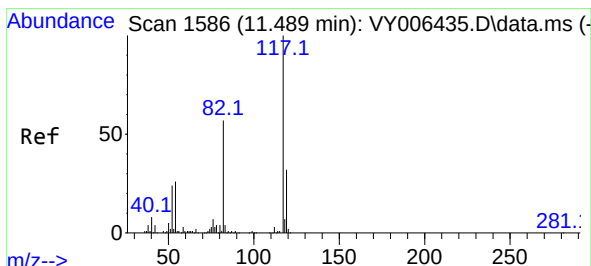
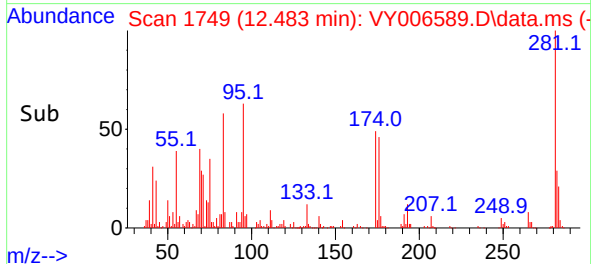
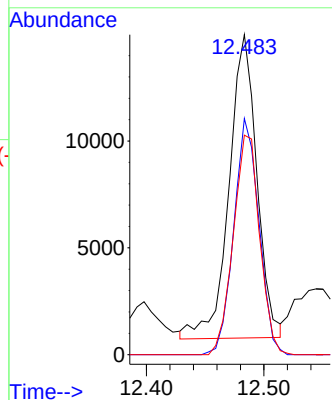
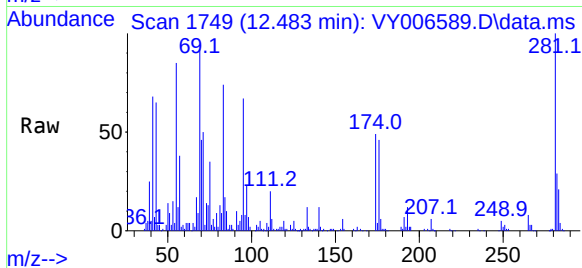




#62
4-Bromofluorobenzene
Concen: 27.921 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

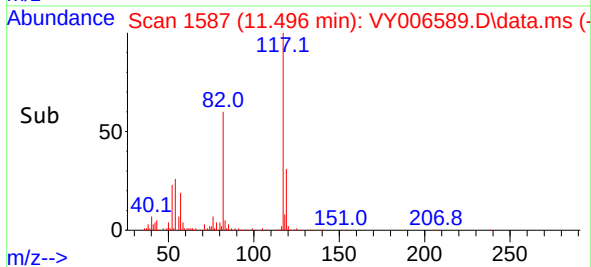
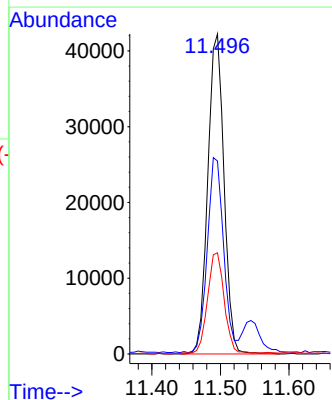
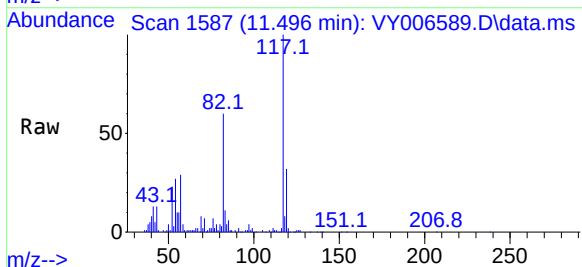
Instrument :
MSVOA_Y
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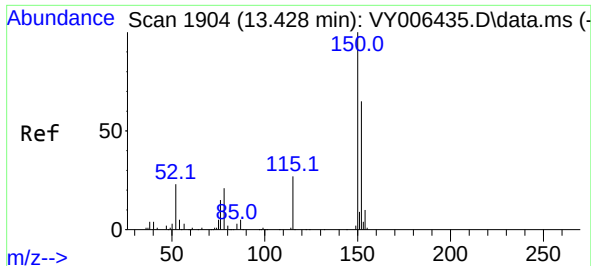
Tgt Ion: 95 Resp: 23365
Ion Ratio Lower Upper
95 100
174 70.2 0.0 177.0
176 68.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006589.D
Acq: 02 Nov 2021 20:10

Tgt Ion: 117 Resp: 69616
Ion Ratio Lower Upper
117 100
82 59.9 45.7 68.5
119 31.4 25.5 38.3



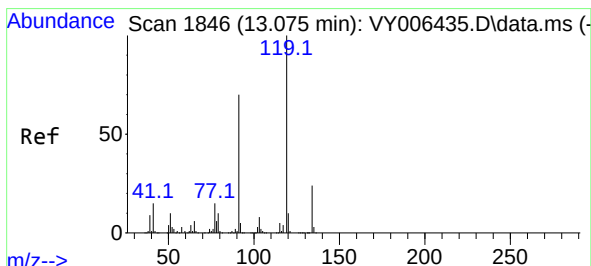
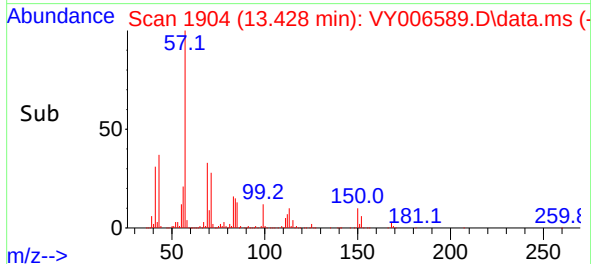
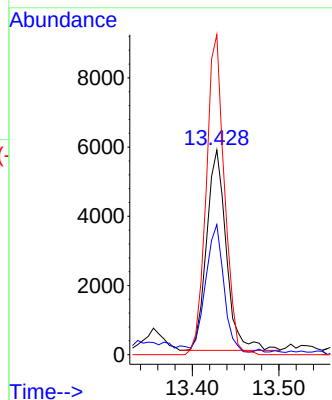
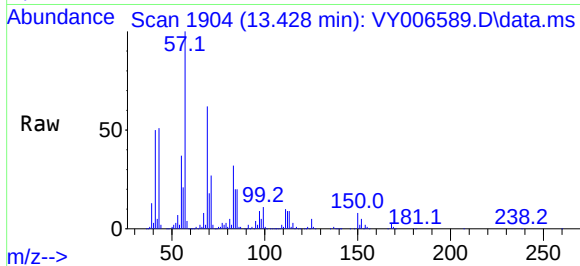


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006589.D
 Acq: 02 Nov 2021 20:10

Instrument :
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Tgt Ion:152 Resp: 9186

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.5	85.5
150	147.0	0.0	348.2



#83
 tert-Butylbenzene
 Concen: 1953.963 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY006589.D
 Acq: 02 Nov 2021 20:10

Tgt Ion:119 Resp: 903441

Ion	Ratio	Lower	Upper
119	100		
91	71.8	34.8	104.5
134	24.4	13.0	38.9

