

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009528.D
 Acq On : 12 Jul 2022 13:32
 Operator : KP/MD
 Sample : N3622-07RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220496A-SIM-C2A-COMPOSITERE

Quant Time: Jul 13 01:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

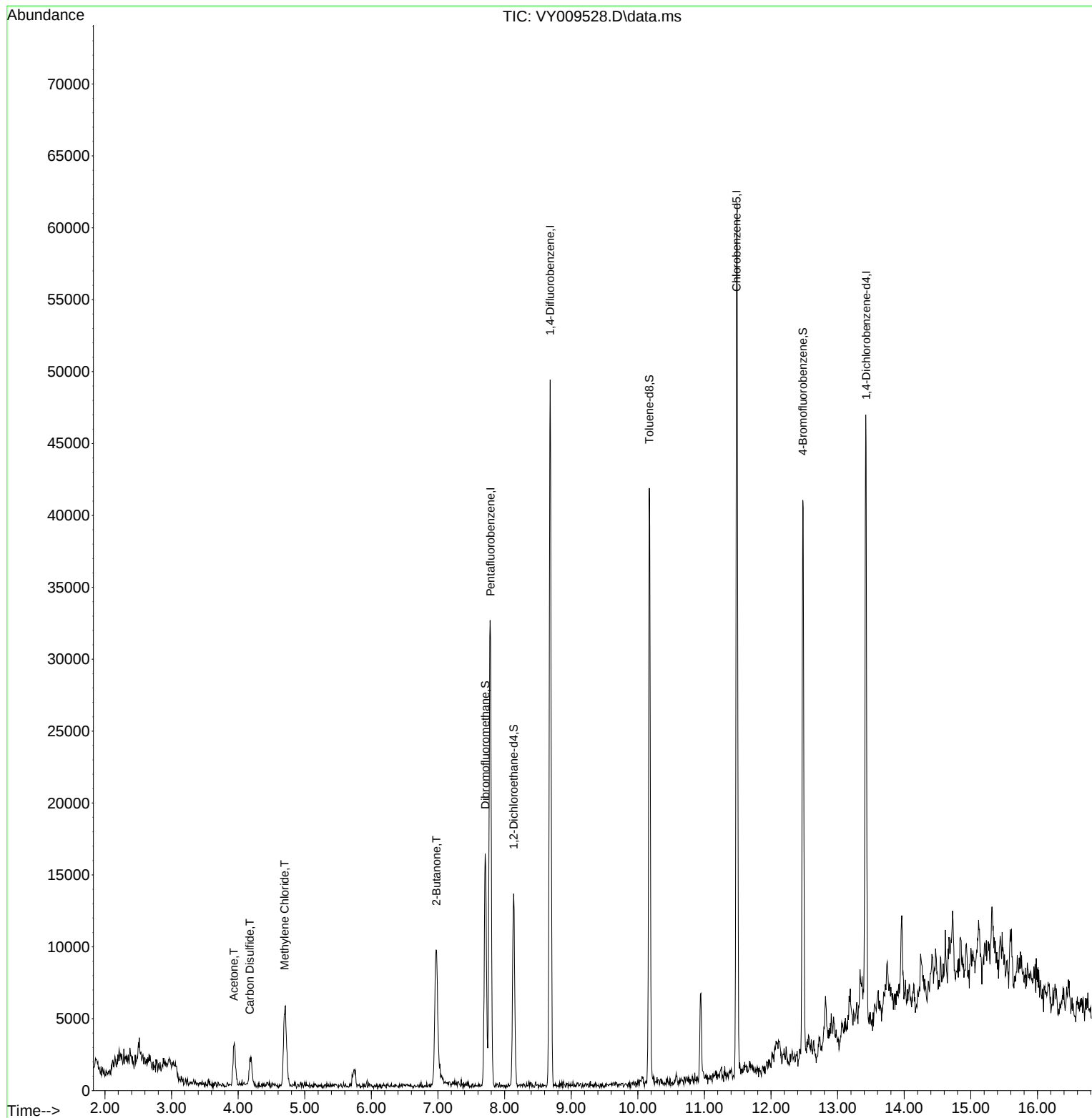
Internal Standards						
1) Pentafluorobenzene	7.789	168	26640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	33717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10371	56.050	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.100%			
35) Dibromofluoromethane	7.710	113	10577	48.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.740%			
50) Toluene-d8	10.173	98	25608	41.831	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 83.660%			
62) 4-Bromofluorobenzene	12.477	95	11653	38.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 76.300%			
Target Compounds					Qvalue	
16) Acetone	3.936	43	5172	79.808	ug/l	99
17) Carbon Disulfide	4.174	76	3244	8.505	ug/l #	95
20) Methylene Chloride	4.698	84	4233	10.016	ug/l #	78
25) 2-Butanone	6.978	43	1493	14.241	ug/l #	80

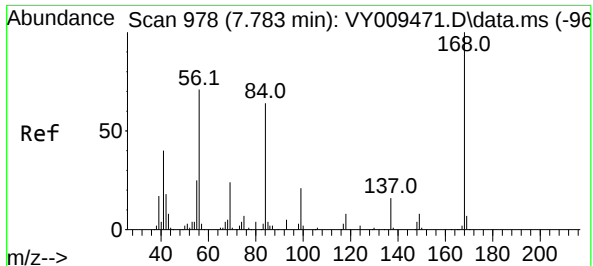
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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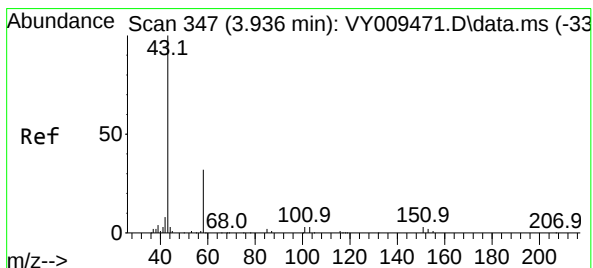
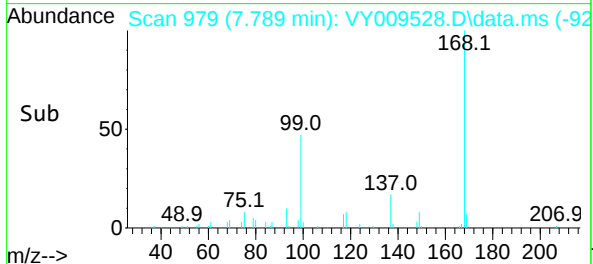
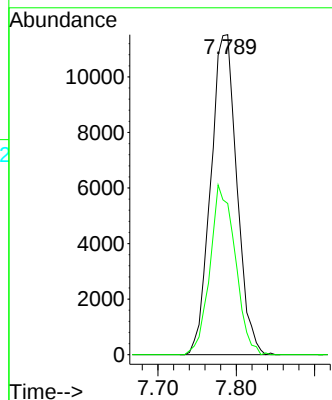
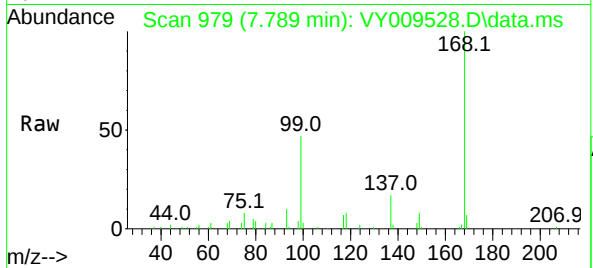




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

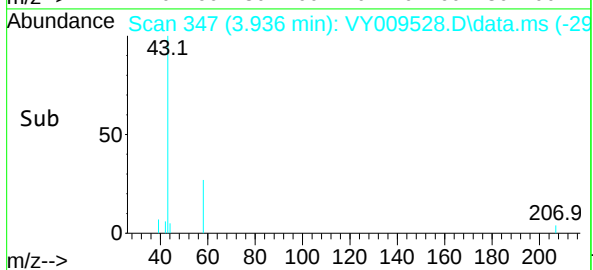
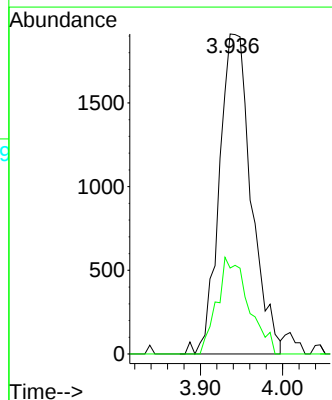
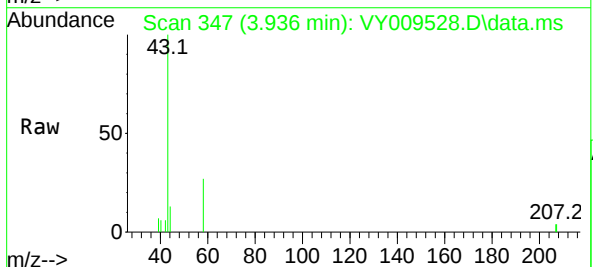
Instrument :
MSVOA_Y
ClientSampleId :
20220496A-SIM-C2A-COMPOSITERE

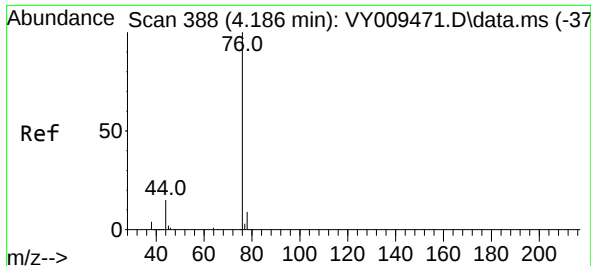
Tgt Ion:168 Resp: 26640
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#16
Acetone
Concen: 79.808 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

Tgt Ion: 43 Resp: 5172
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0

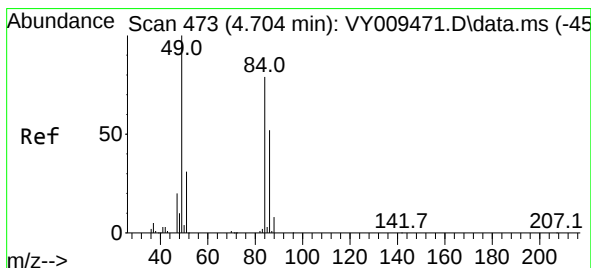
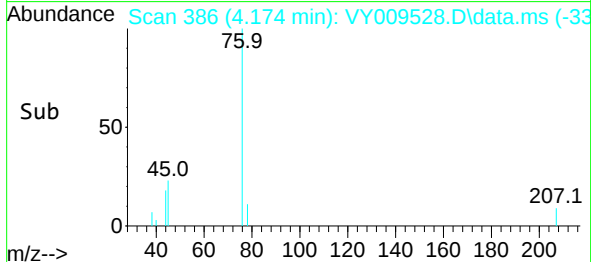
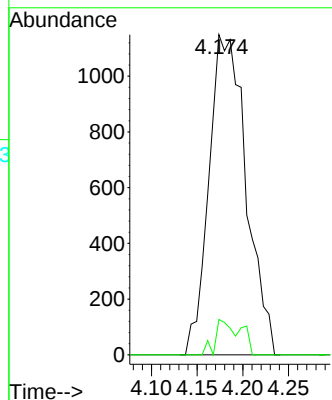
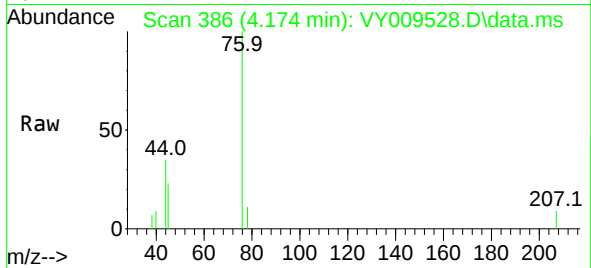




#17
Carbon Disulfide
Concen: 8.505 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

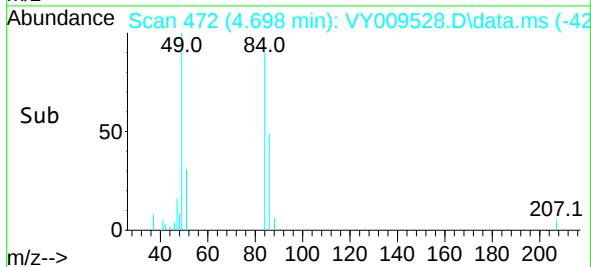
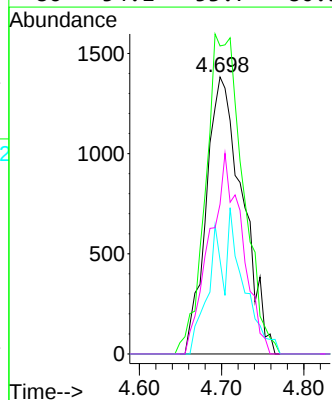
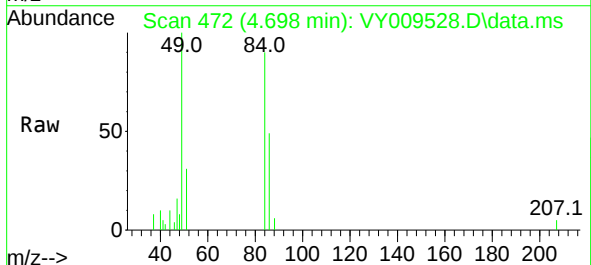
Instrument : MSVOA_Y
ClientSampleId : 20220496A-SIM-C2A-COMPOSITERE

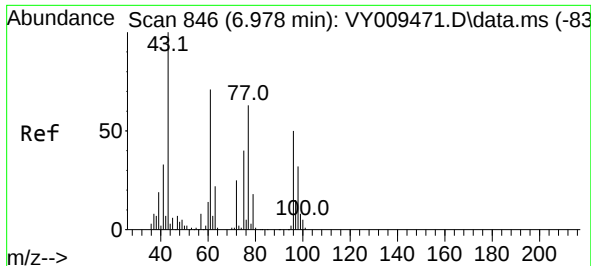
Tgt Ion: 76 Resp: 3244
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#



#20
Methylene Chloride
Concen: 10.016 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

Tgt Ion: 84 Resp: 4233
Ion Ratio Lower Upper
84 100
49 111.2 114.4 171.6#
51 33.9 35.3 52.9#
86 54.1 53.7 80.5





#25

2-Butanone

Concen: 14.241 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009528.D

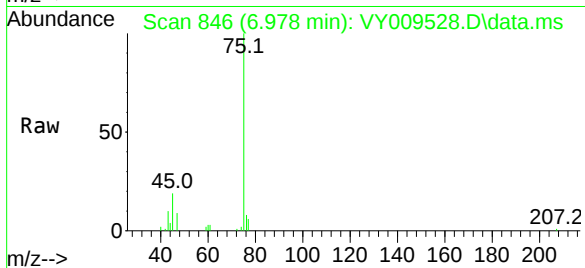
Acq: 12 Jul 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

20220496A-SIM-C2A-COMPOSITE

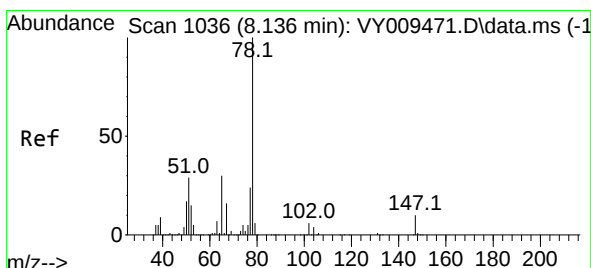
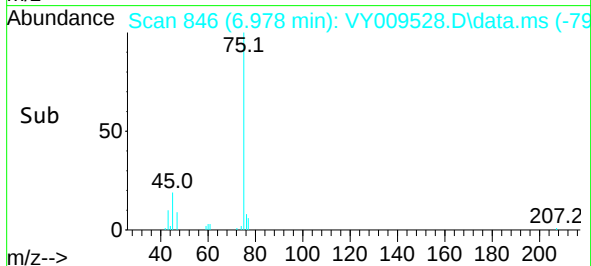
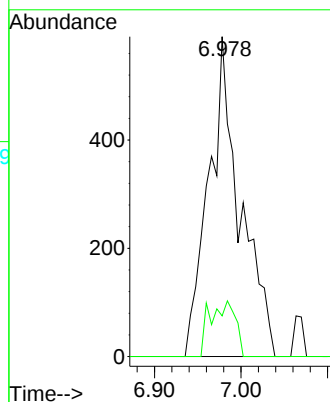


Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

72 12.7 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 56.050 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009528.D

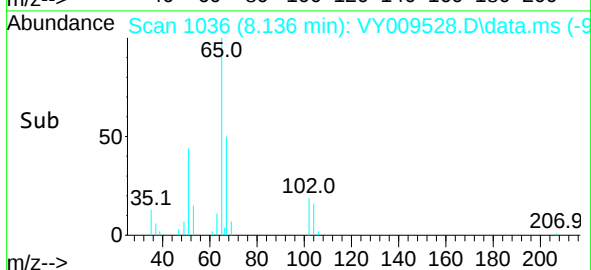
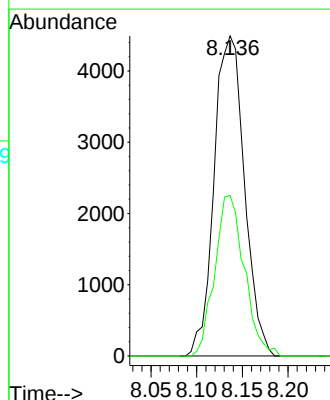
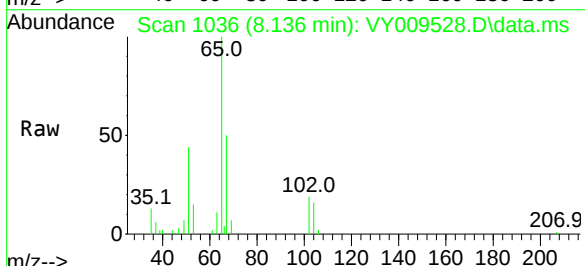
Acq: 12 Jul 2022 13:32

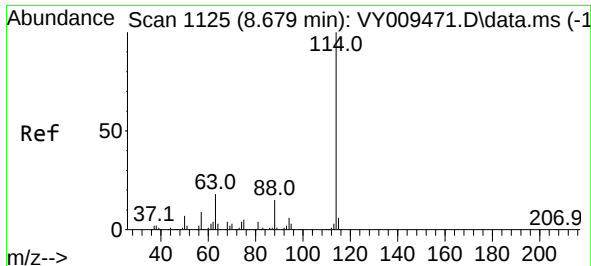
Tgt Ion: 65 Resp: 10371

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.4

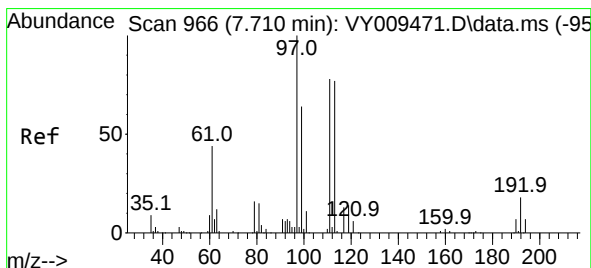
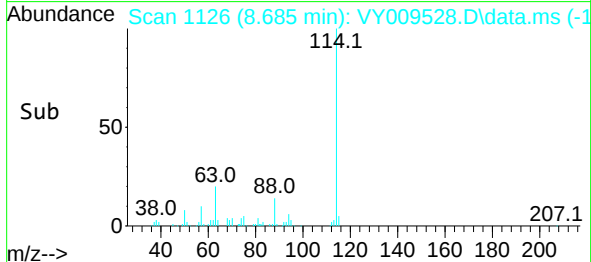
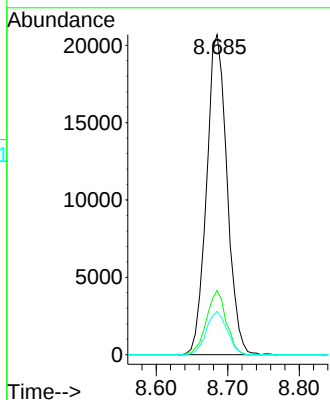
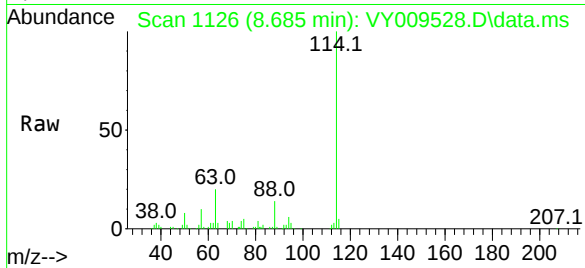




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

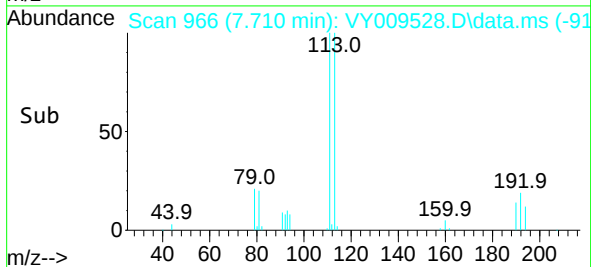
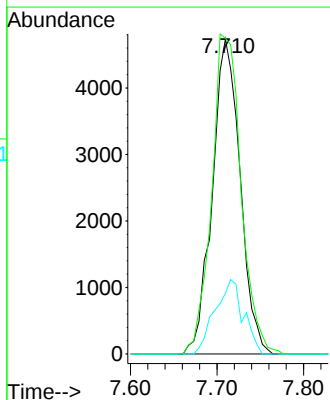
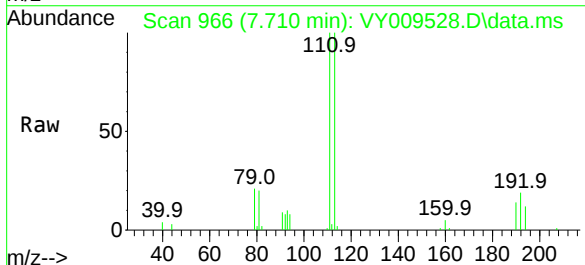
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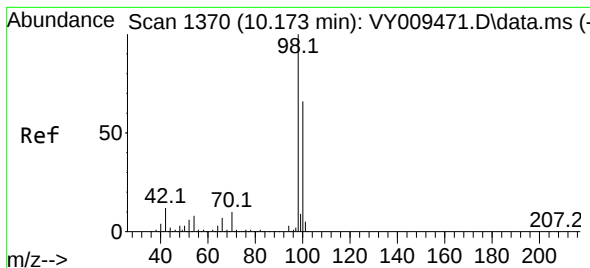
Tgt Ion:	114	Resp:	41130
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.2
88	13.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.874 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009528.D
Acq: 12 Jul 2022 13:32

Tgt Ion:	113	Resp:	10577
Ion	Ratio	Lower	Upper
113	100		
111	107.0	82.6	124.0
192	24.0	17.6	26.4





#50

Toluene-d8

Concen: 41.831 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009528.D

Acq: 12 Jul 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

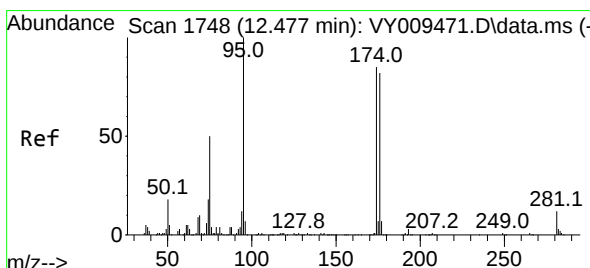
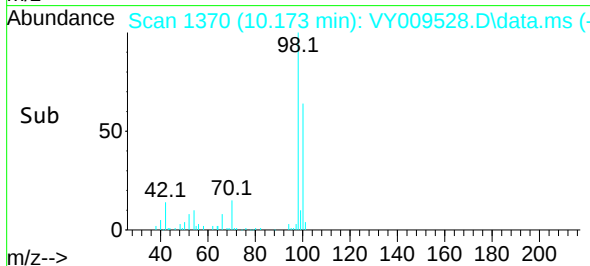
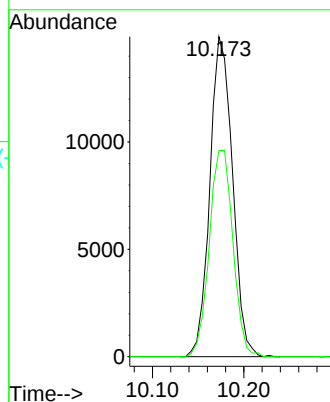
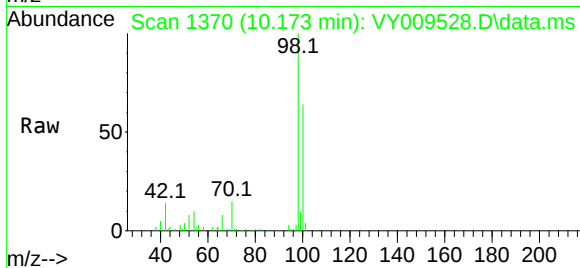
20220496A-SIM-C2A-COMPOSITE

Tgt Ion: 98 Resp: 25608

Ion Ratio Lower Upper

98 100

100 67.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 38.146 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009528.D

Acq: 12 Jul 2022 13:32

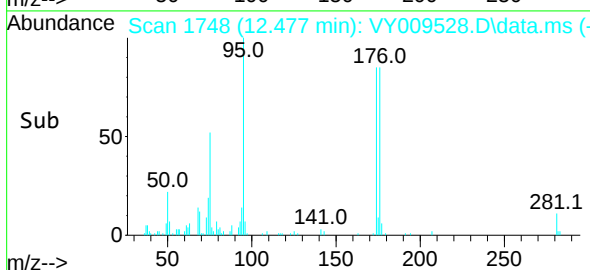
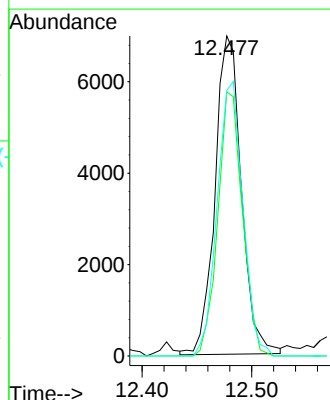
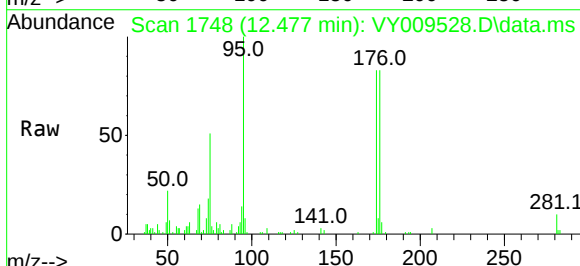
Tgt Ion: 95 Resp: 11653

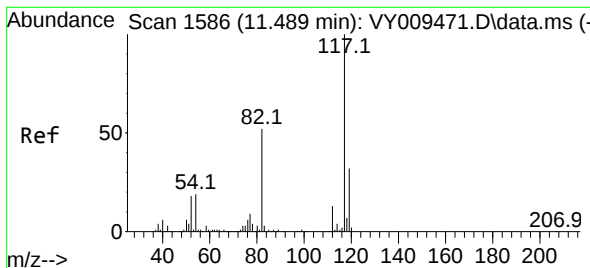
Ion Ratio Lower Upper

95 100

174 77.4 0.0 177.0

176 83.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009528.D

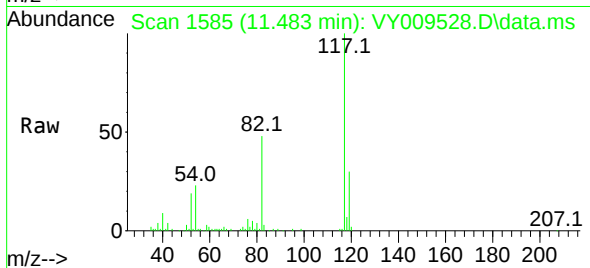
Acq: 12 Jul 2022 13:32

Instrument :

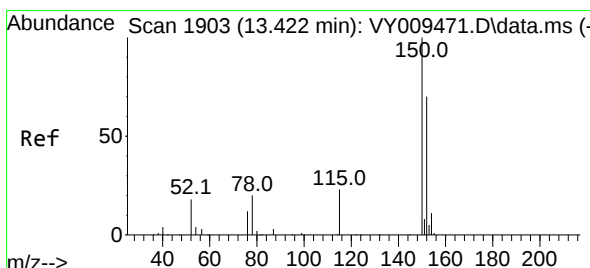
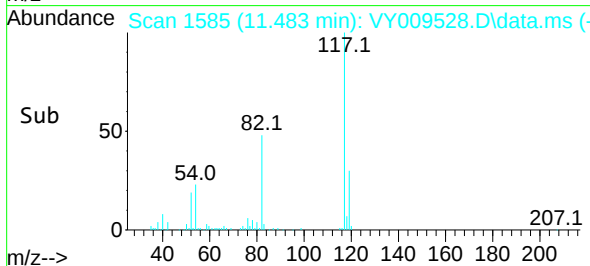
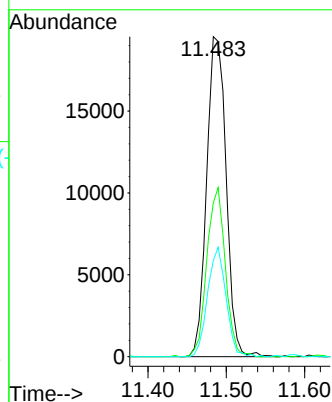
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20220496A-SIM-C2A-COMPOSITERE



Tgt Ion:	117	Resp:	33717
Ion	Ratio	Lower	Upper
117	100		
82	48.0	43.0	64.4
119	30.0	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009528.D

Acq: 12 Jul 2022 13:32

Tgt Ion:	152	Resp:	10897
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	159.8	0.0	347.6

