

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010116.D
 Acq On : 19 Aug 2022 20:13
 Operator : KP/MD
 Sample : N4217-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-0815

Quant Time: Aug 22 02:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

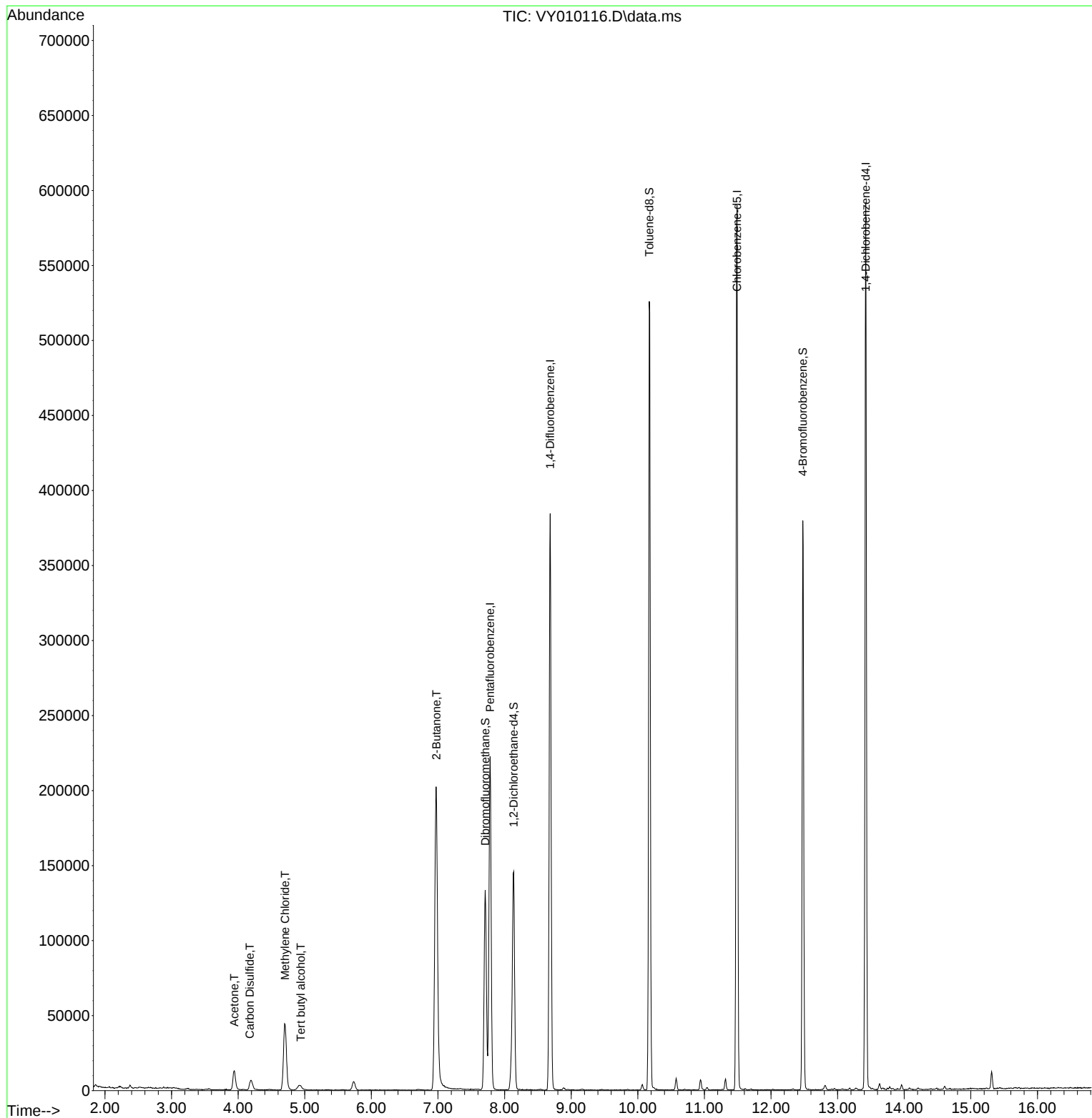
Internal Standards						
1) Pentafluorobenzene	7.783	168	177868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102534	70.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.760%	
35) Dibromofluoromethane	7.710	113	96401	50.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.200%	
50) Toluene-d8	10.173	98	353791	49.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.477	95	114578	44.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	5040	42.429	ug/l #	82
16) Acetone	3.942	43	23183	63.578	ug/l	93
17) Carbon Disulfide	4.174	76	5810	1.117	ug/l	95
20) Methylene Chloride	4.704	84	35072	10.533	ug/l	93
25) 2-Butanone	6.978	43	13029	22.213	ug/l #	86

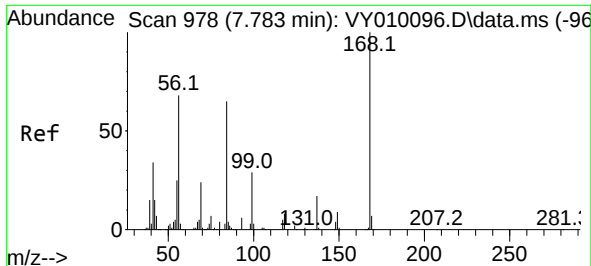
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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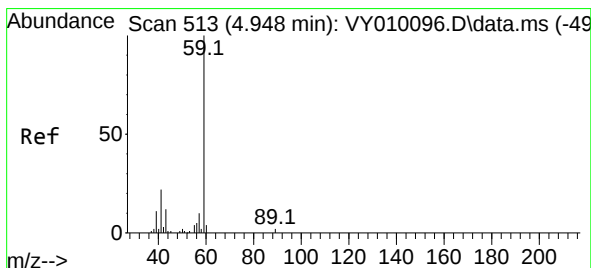
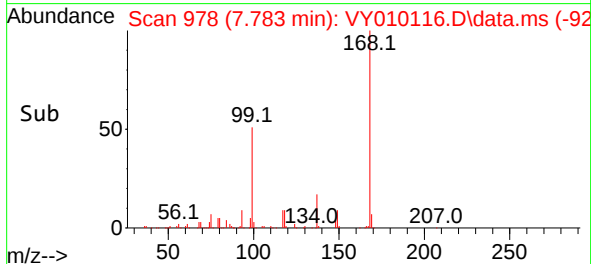
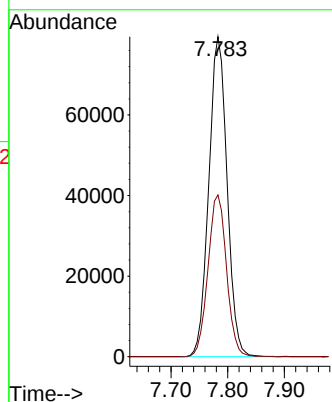
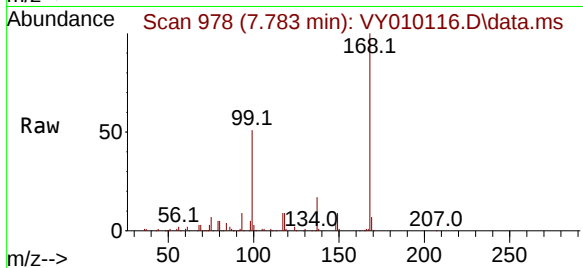




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

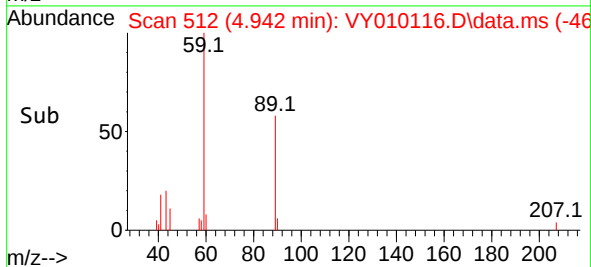
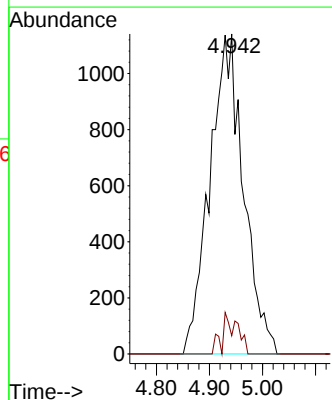
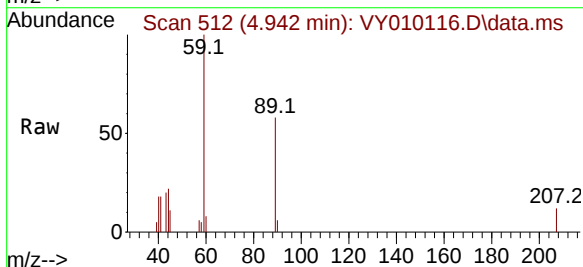
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0815

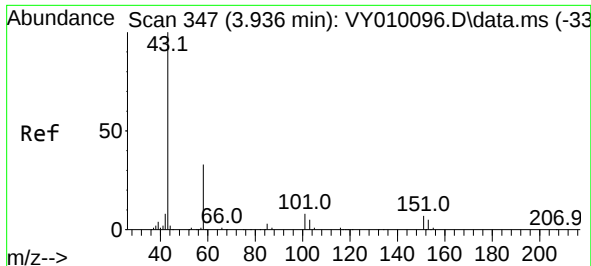
Tgt Ion:168 Resp: 177868
Ion Ratio Lower Upper
168 100
99 50.5 40.7 61.1



#11
Tert butyl alcohol
Concen: 42.429 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Tgt Ion: 59 Resp: 5040
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.2#

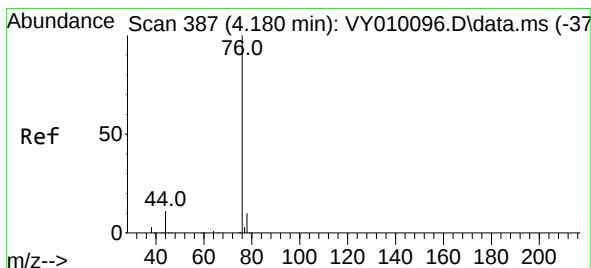
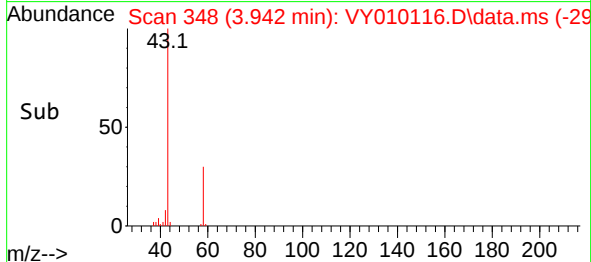
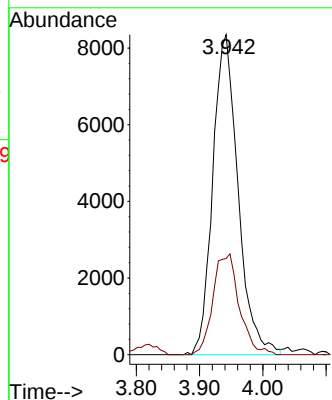
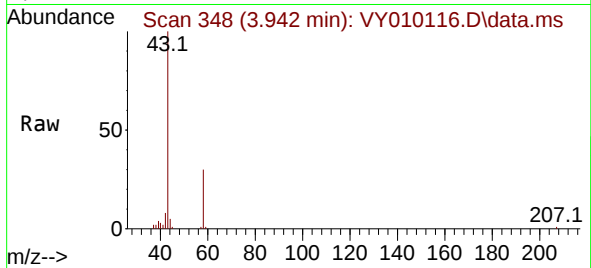




#16
Acetone
Concen: 63.578 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

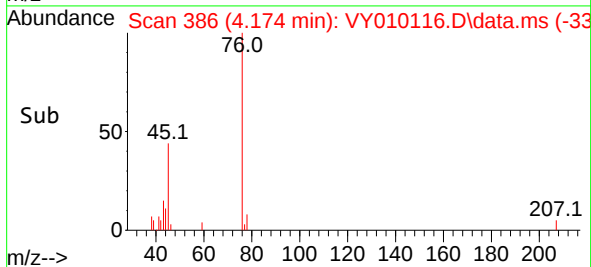
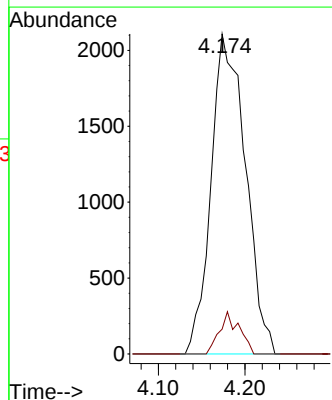
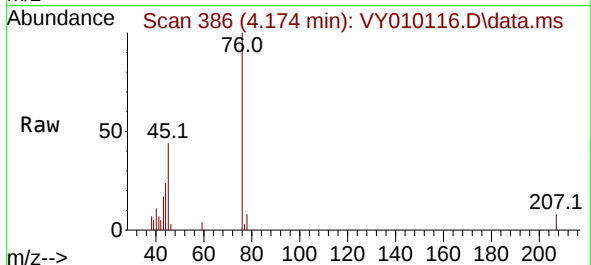
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0815

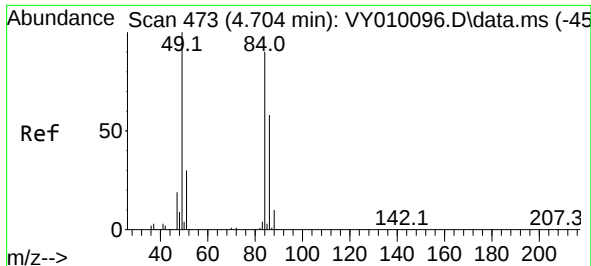
Tgt Ion: 43 Resp: 23183
Ion Ratio Lower Upper
43 100
58 30.1 27.4 41.0



#17
Carbon Disulfide
Concen: 1.117 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Tgt Ion: 76 Resp: 5810
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5



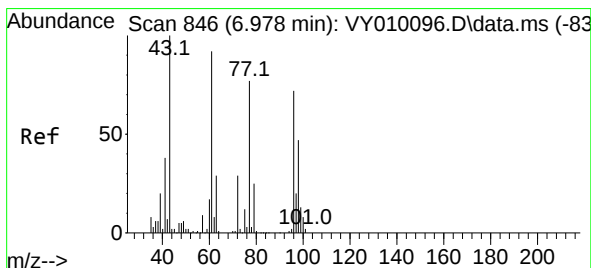
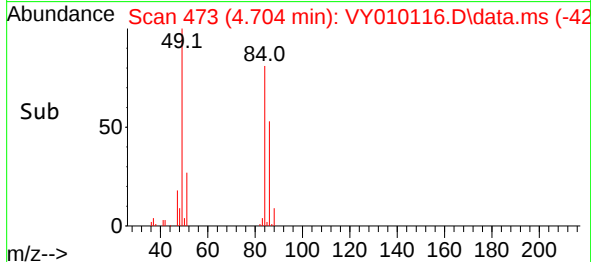
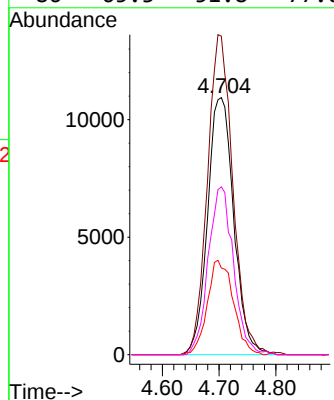
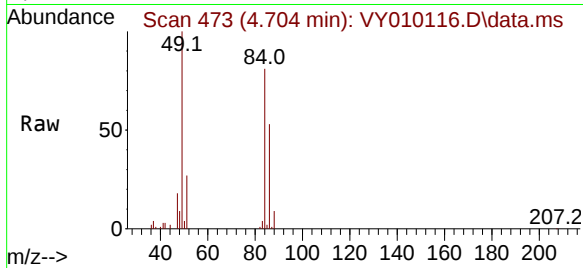


#20
Methylene Chloride
Concen: 10.533 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :
TP3-0815

Tgt Ion: 84 Resp: 35072

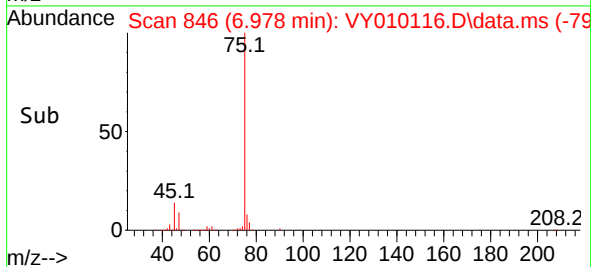
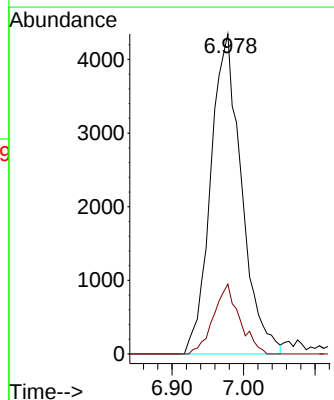
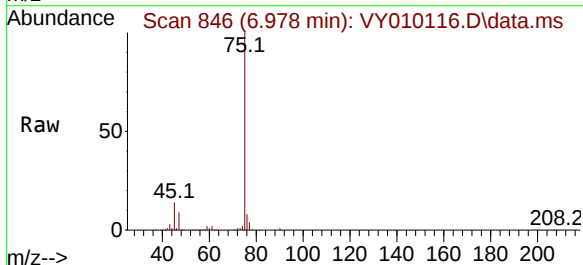
Ion	Ratio	Lower	Upper
84	100		
49	123.9	89.0	133.4
51	33.7	27.0	40.6
86	65.3	51.8	77.6

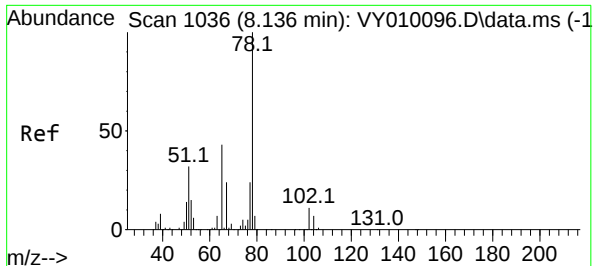


#25
2-Butanone
Concen: 22.213 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Tgt Ion: 43 Resp: 13029

Ion	Ratio	Lower	Upper
43	100		
72	21.8	23.2	34.8#





#33

1,2-Dichloroethane-d4

Concen: 70.378 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010116.D

Acq: 19 Aug 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

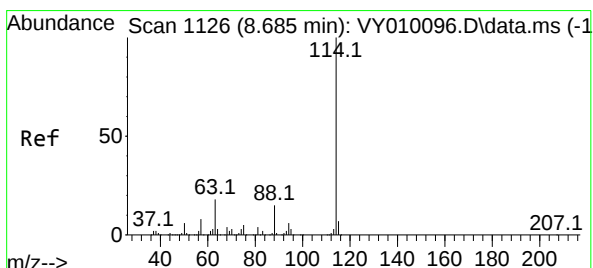
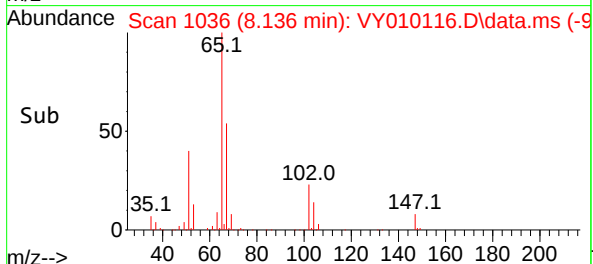
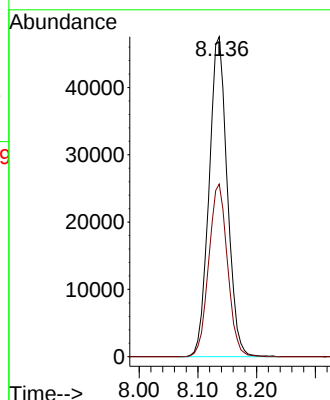
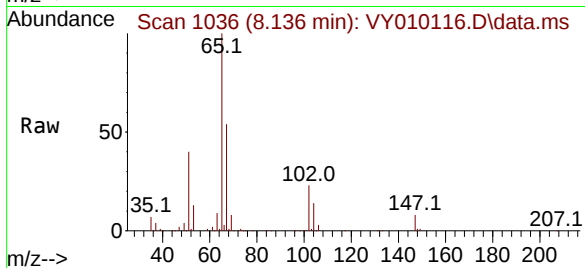
TP3-0815

Tgt Ion: 65 Resp: 102534

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010116.D

Acq: 19 Aug 2022 20:13

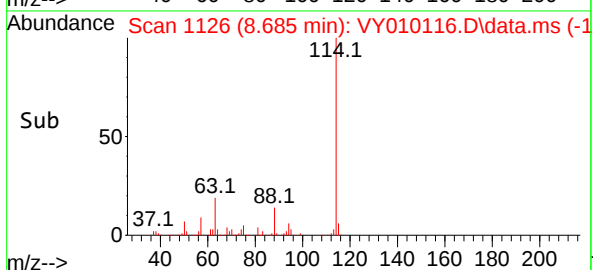
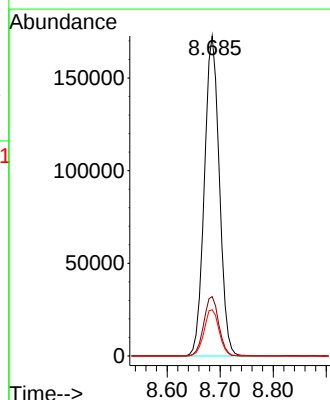
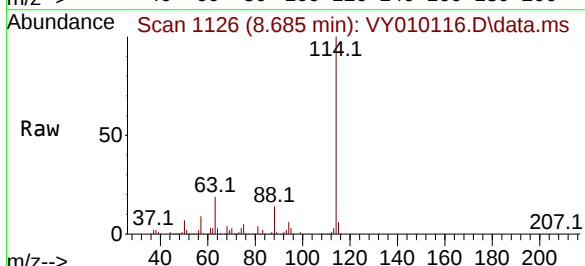
Tgt Ion: 114 Resp: 338111

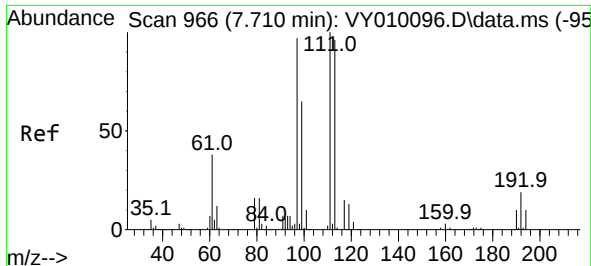
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 14.5 0.0 29.6

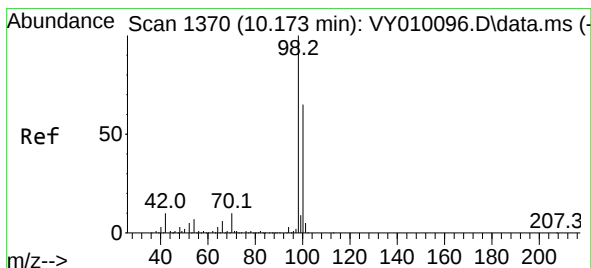
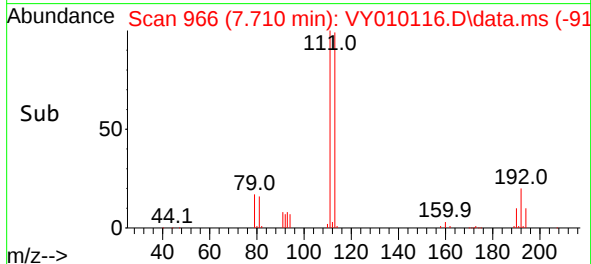
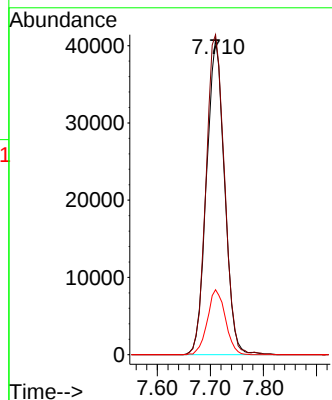
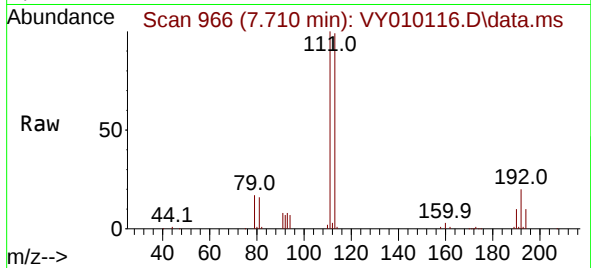




#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

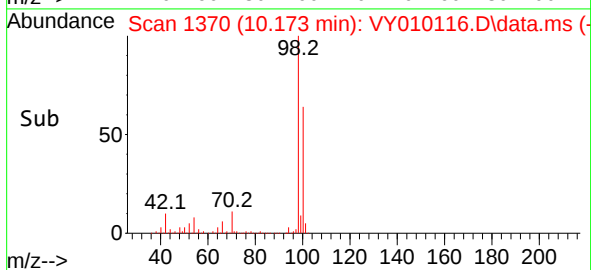
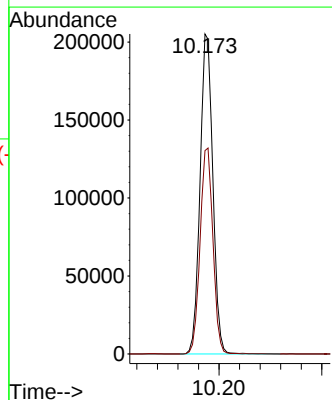
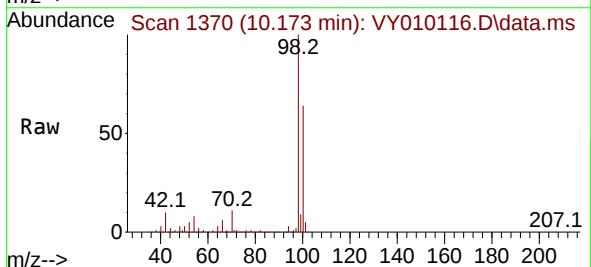
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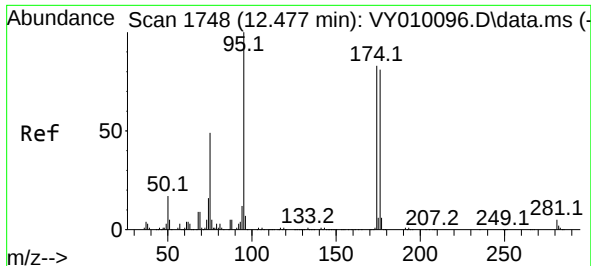
Tgt Ion:113 Resp: 96401
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.6 16.3 24.5



#50
Toluene-d8
Concen: 49.558 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Tgt Ion: 98 Resp: 353791
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

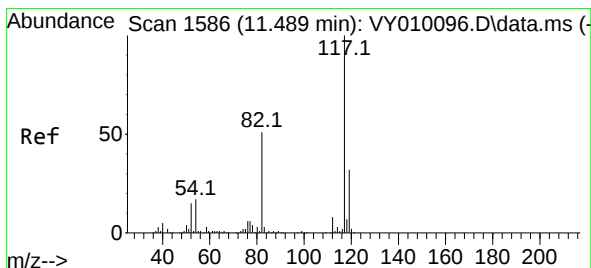
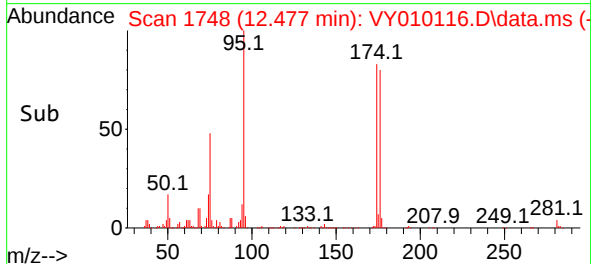
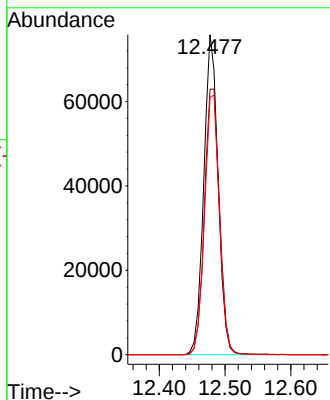
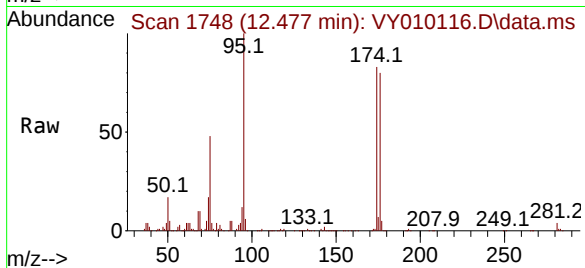




#62
4-Bromofluorobenzene
Concen: 44.920 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

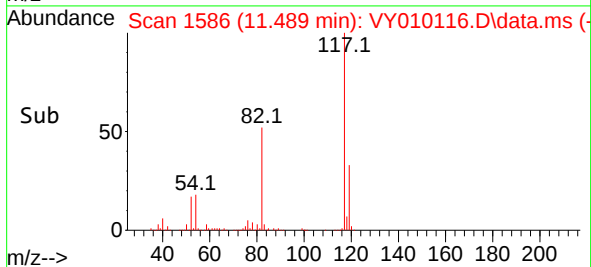
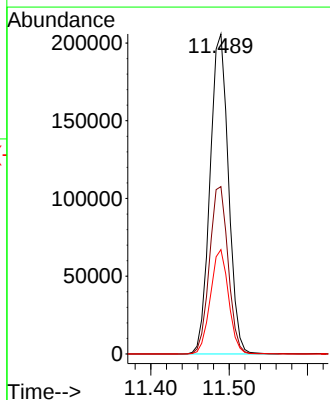
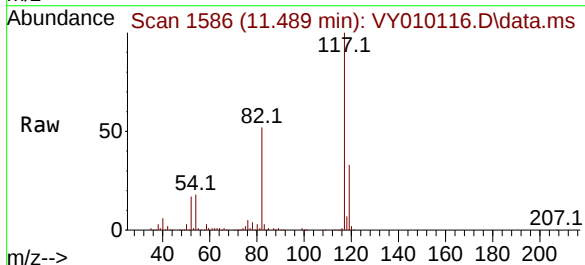
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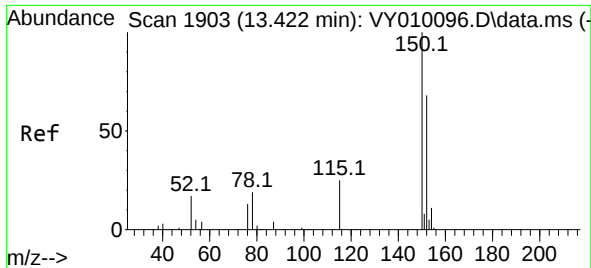
Tgt Ion: 95 Resp: 114578
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 84.7 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010116.D
Acq: 19 Aug 2022 20:13

Tgt Ion: 117 Resp: 335993
Ion Ratio Lower Upper
117 100
82 52.3 40.6 61.0
119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010116.D

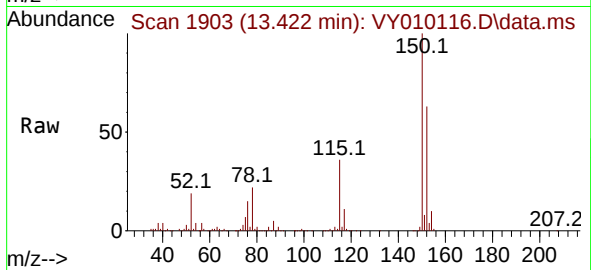
Acq: 19 Aug 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

TP3-0815



Tgt Ion:152 Resp: 154636

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 156.9 0.0 346.2

