

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010207.D
 Acq On : 25 Aug 2022 15:29
 Operator : KP/MD
 Sample : N4353-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-COMP-1

Quant Time: Aug 26 06:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

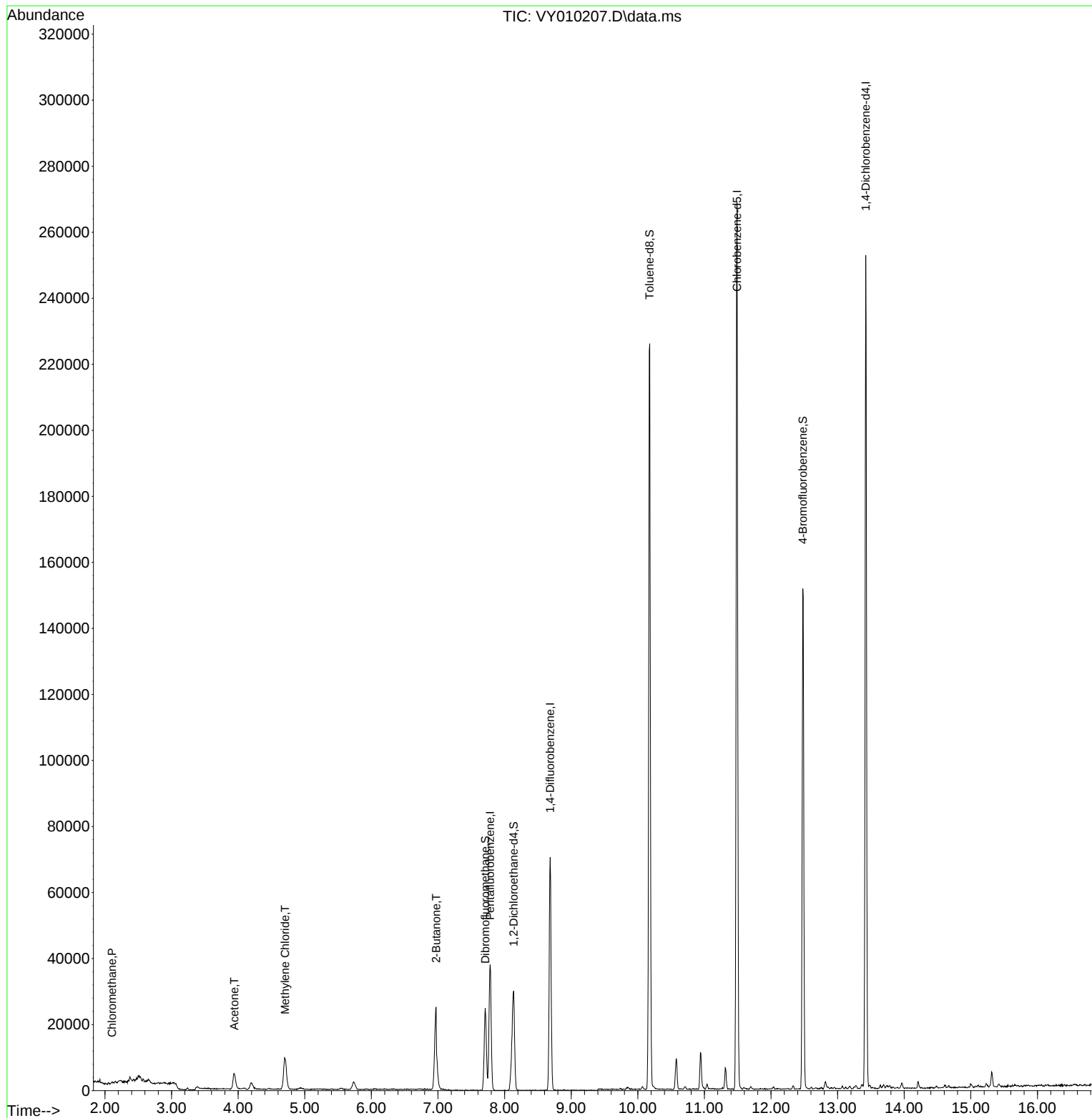
Internal Standards						
1) Pentafluorobenzene	7.783	168	29121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	59707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19182	80.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.880%	
35) Dibromofluoromethane	7.710	113	16999	43.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.840%	
50) Toluene-d8	10.179	98	150425	110.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 221.460%#	
62) 4-Bromofluorobenzene	12.477	95	46073	88.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 177.040%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	467	1.900	ug/l	99
16) Acetone	3.942	43	8630	109.153	ug/l	99
20) Methylene Chloride	4.704	84	6981	13.753	ug/l	89
25) 2-Butanone	6.972	43	2058	15.677	ug/l	95

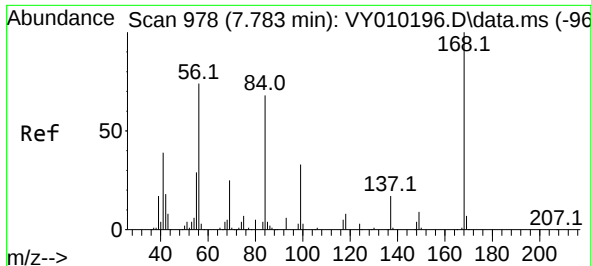
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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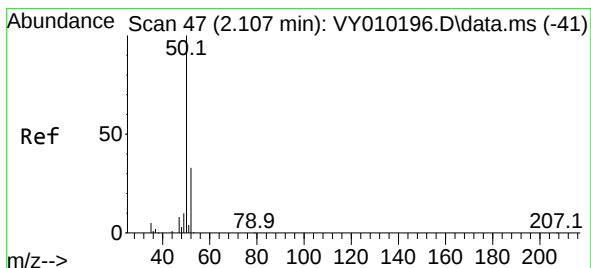
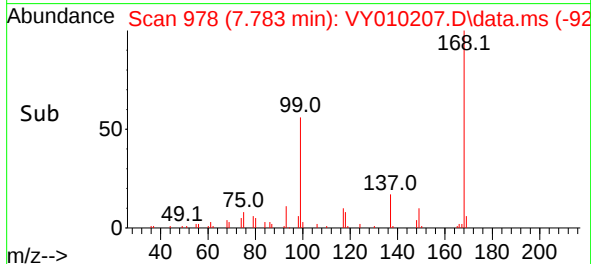
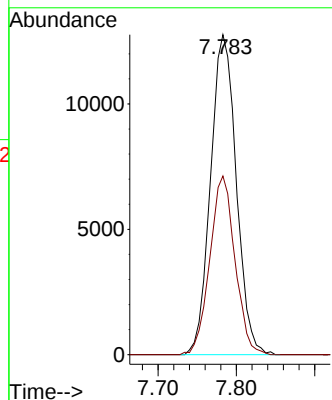
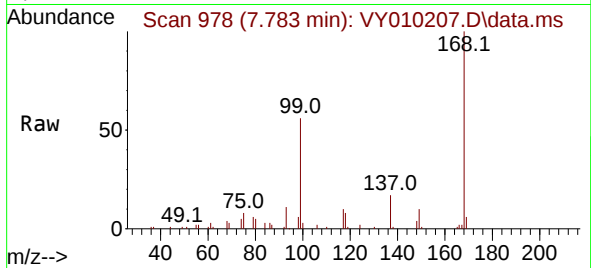




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

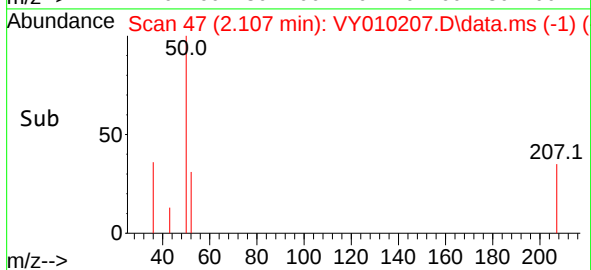
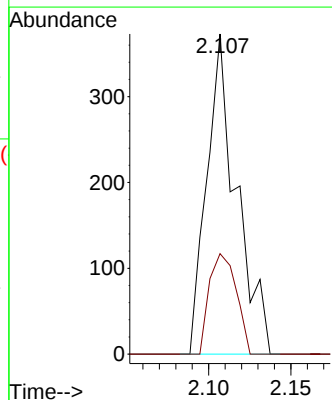
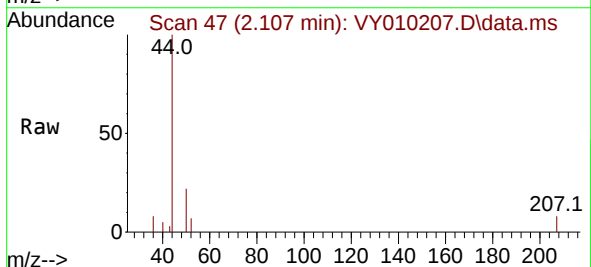
Instrument :
MSVOA_Y
ClientSampleId :
1-2-COMP-1

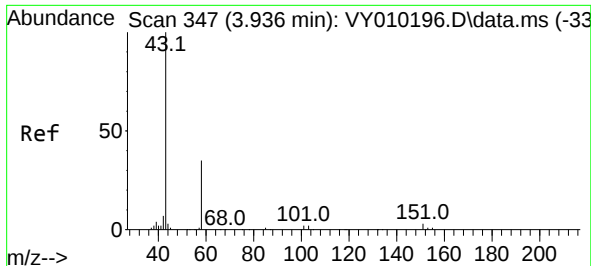
Tgt Ion:168 Resp: 29121
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#3
Chloromethane
Concen: 1.900 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 31.4 24.6 37.0





#16

Acetone

Concen: 109.153 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY010207.D

Acq: 25 Aug 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

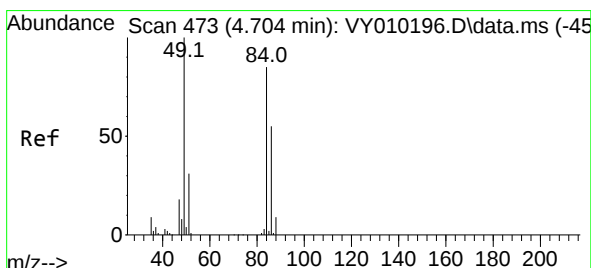
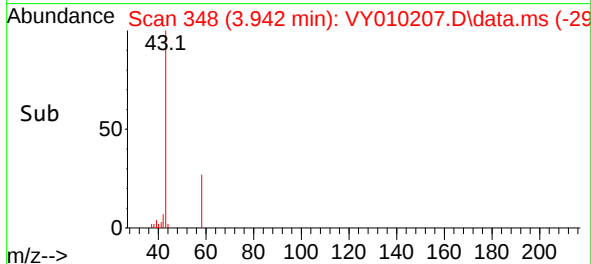
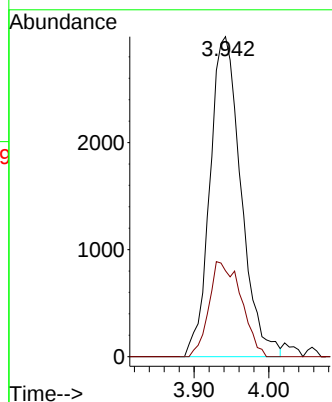
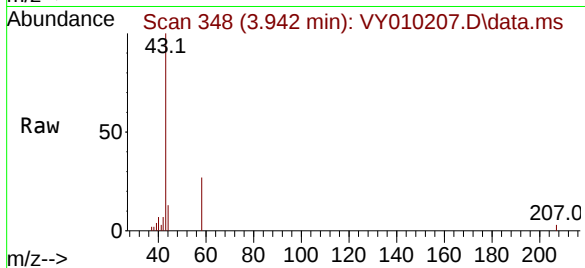
1-2-COMP-1

Tgt Ion: 43 Resp: 8630

Ion Ratio Lower Upper

43 100

58 26.8 22.0 33.0



#20

Methylene Chloride

Concen: 13.753 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY010207.D

Acq: 25 Aug 2022 15:29

Tgt Ion: 84 Resp: 6981

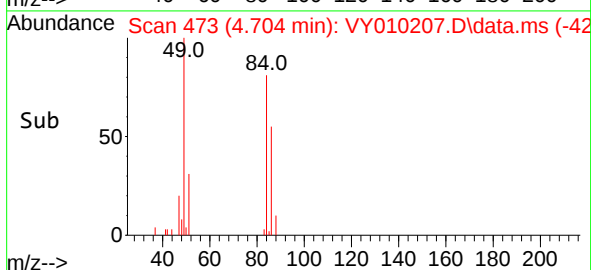
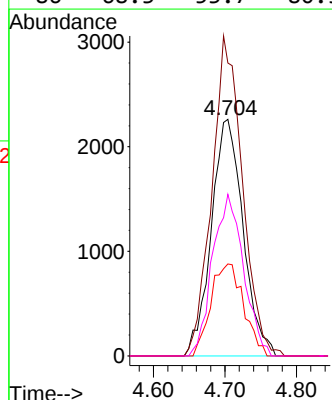
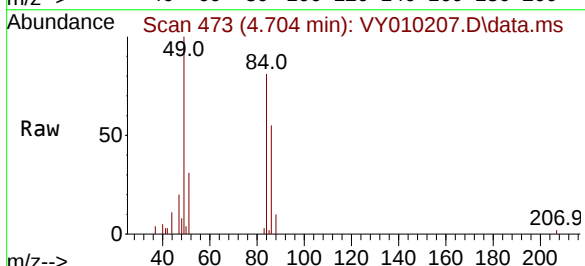
Ion Ratio Lower Upper

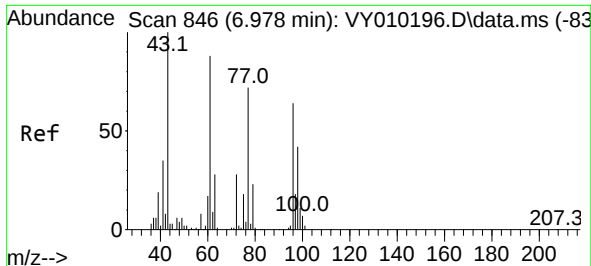
84 100

49 123.8 114.4 171.6

51 38.9 35.3 52.9

86 68.3 53.7 80.5





#25

2-Butanone

Concen: 15.677 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010207.D

Acq: 25 Aug 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

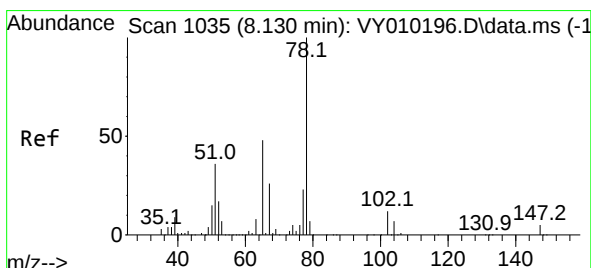
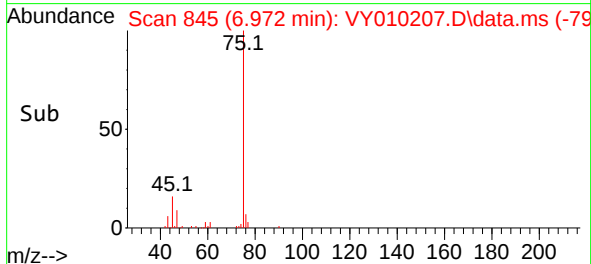
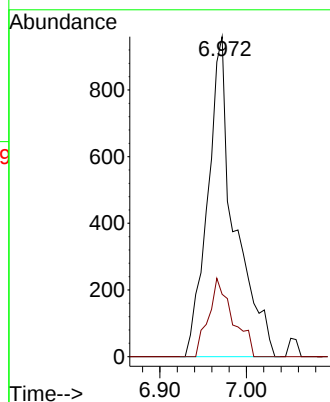
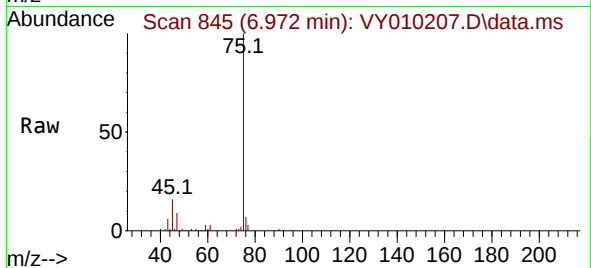
1-2-COMP-1

Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

43 100

72 19.5 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 80.438 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY010207.D

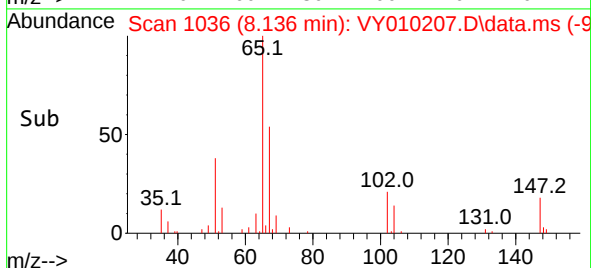
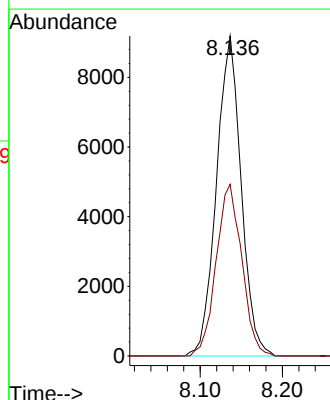
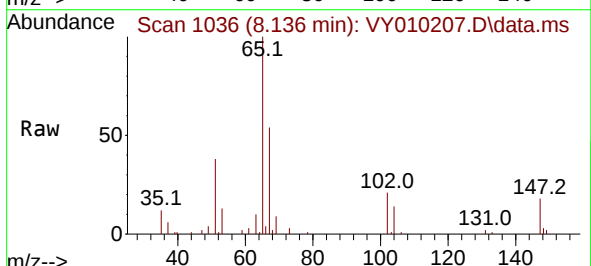
Acq: 25 Aug 2022 15:29

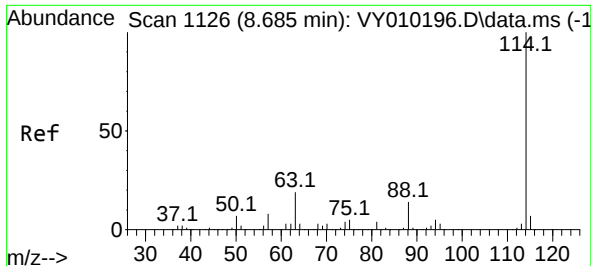
Tgt Ion: 65 Resp: 19182

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010207.D

Acq: 25 Aug 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

1-2-COMP-1

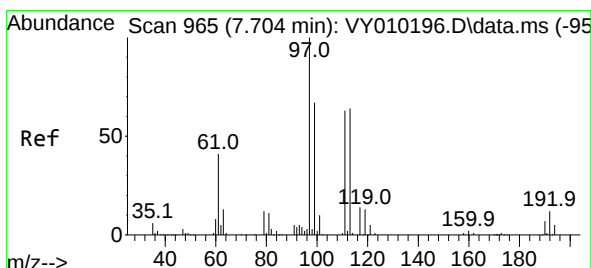
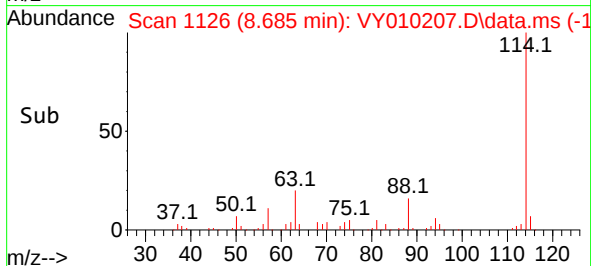
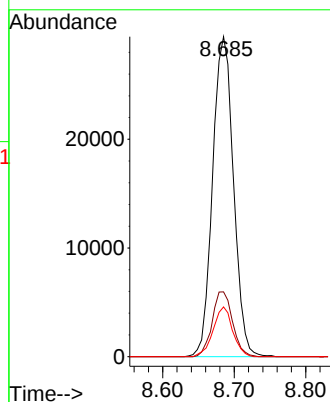
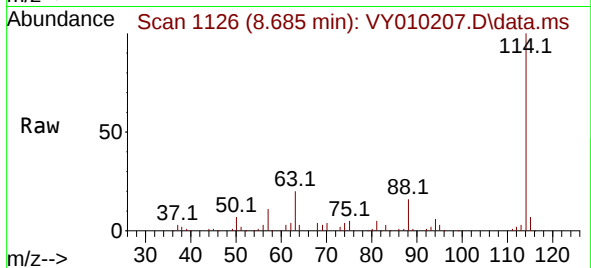
Tgt Ion:114 Resp: 59707

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.423 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY010207.D

Acq: 25 Aug 2022 15:29

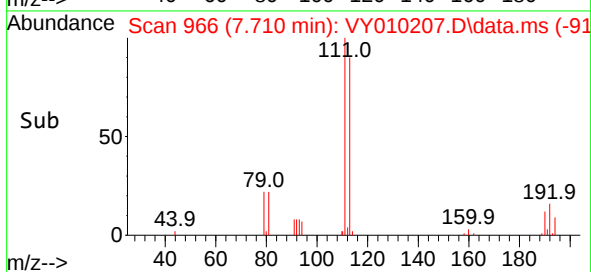
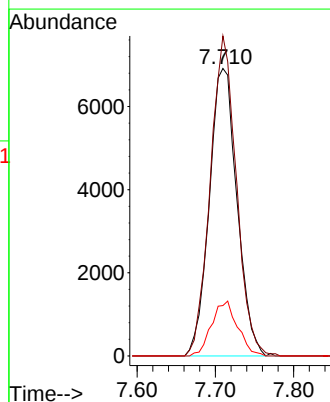
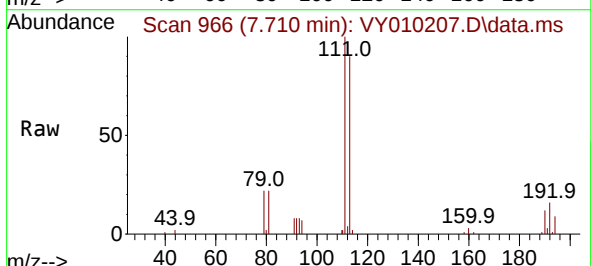
Tgt Ion:113 Resp: 16999

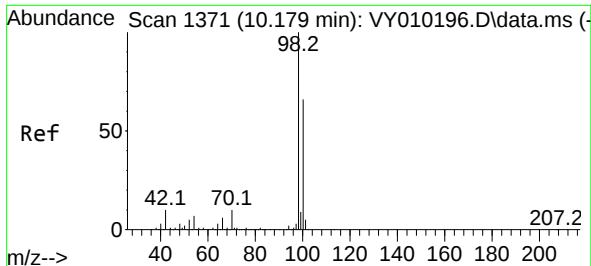
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 17.9 17.6 26.4

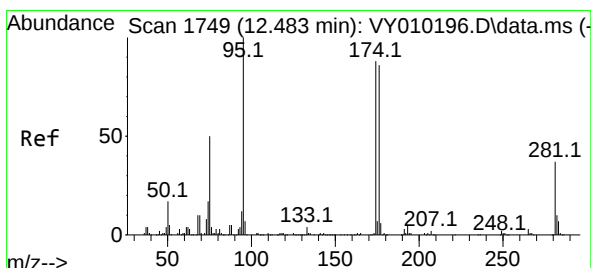
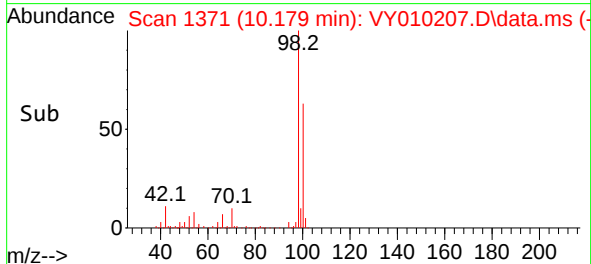
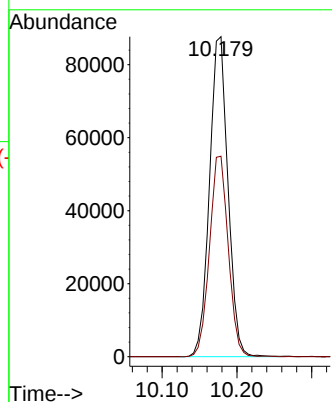
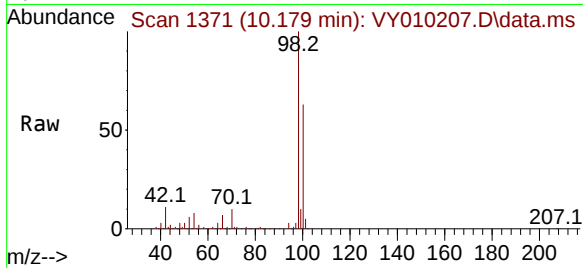




#50
Toluene-d8
Concen: 110.726 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

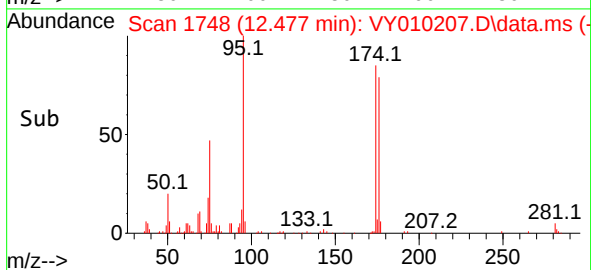
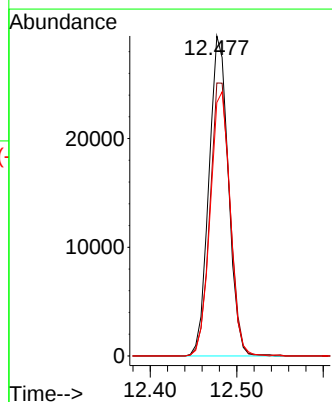
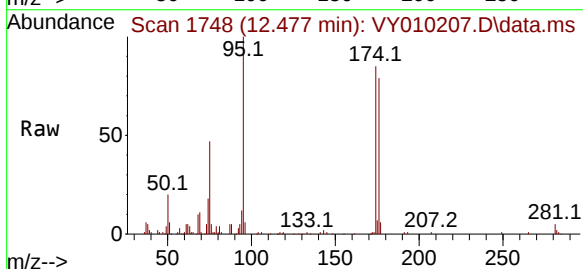
Instrument :
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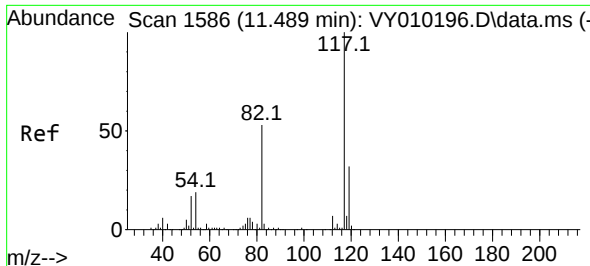
Tgt Ion: 98 Resp: 150425
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 88.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

Tgt Ion: 95 Resp: 46073
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.6 0.0 175.8

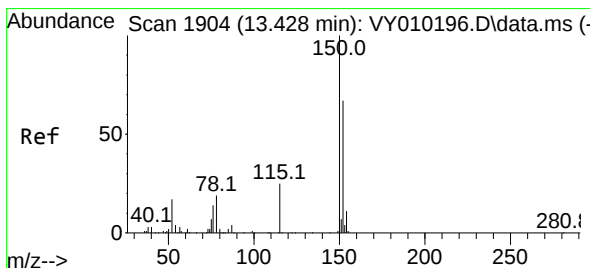
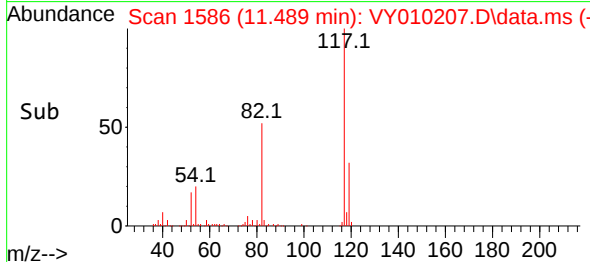
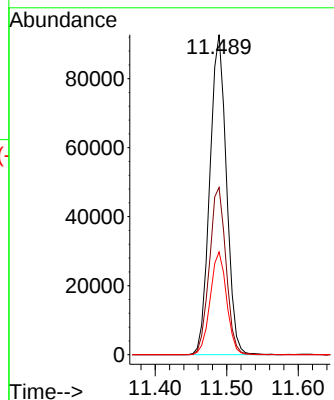
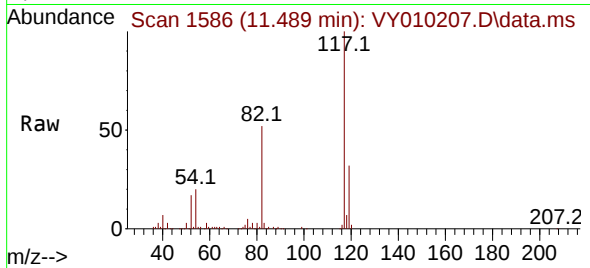




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :
1-2-COMP-1

Tgt Ion:117 Resp: 149740
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010207.D
Acq: 25 Aug 2022 15:29

Tgt Ion:152 Resp: 64633
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.1 0.0 347.6

