

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009921.D
 Acq On : 09 Aug 2022 15:46
 Operator : KP/MD
 Sample : N4061-07
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP3-0804

Quant Time: Aug 09 23:06:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

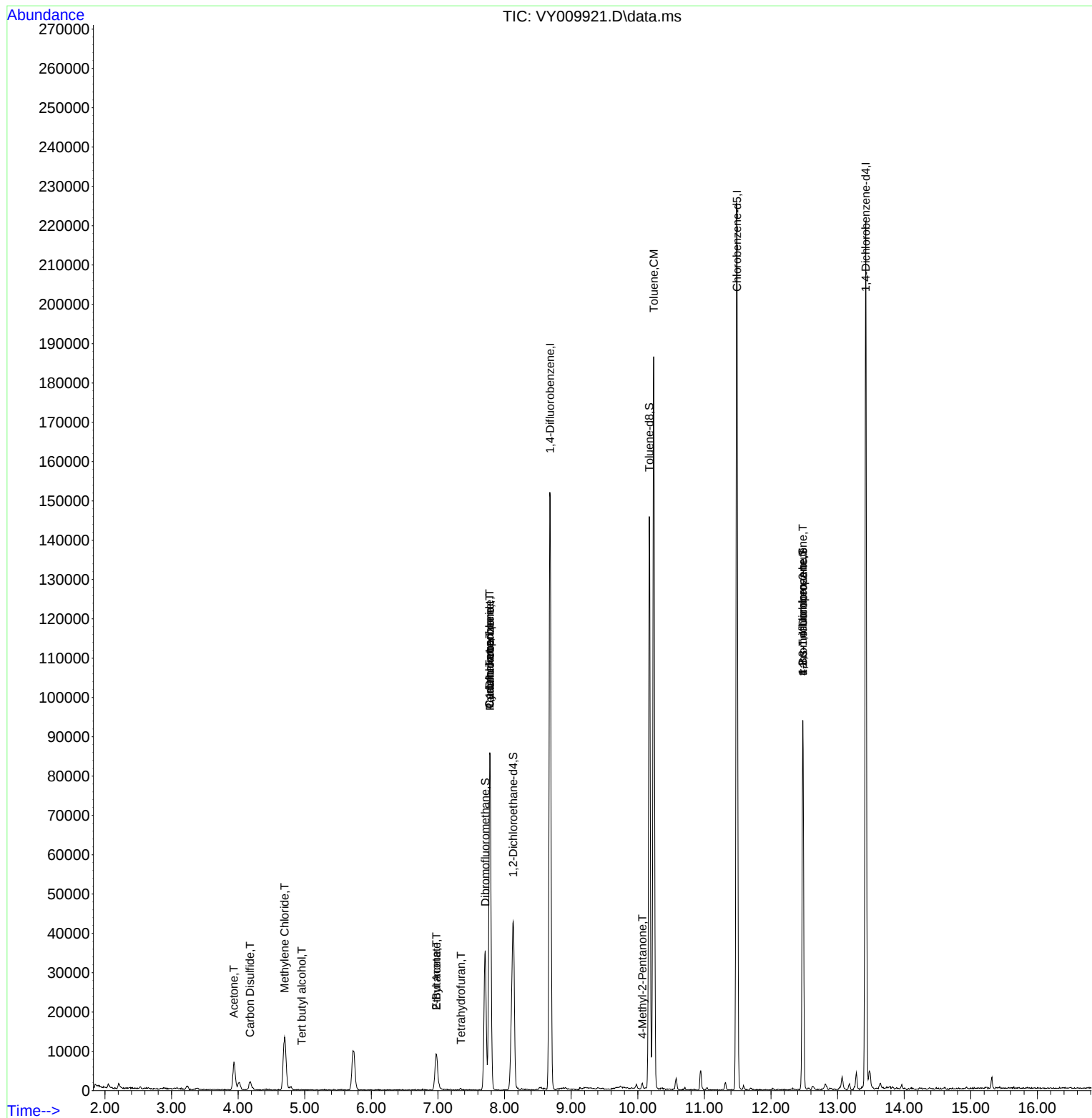
Internal Standards						
1) Pentafluorobenzene	7.783	168	65361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27214	53.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.200%	
35) Dibromofluoromethane	7.710	113	25363	35.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.880%	
50) Toluene-d8	10.173	98	92263	42.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.200%	
62) 4-Bromofluorobenzene	12.477	95	28852	29.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 58.560%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	101	1.363	ug/l #	78
16) Acetone	3.936	43	12096	65.606	ug/l	96
17) Carbon Disulfide	4.180	76	3841	1.939	ug/l #	85
18) Methyl Acetate	4.466	43	251	Below Cal	#	52
20) Methylene Chloride	4.698	84	10100	3.350	ug/l	92
25) 2-Butanone	6.978	43	4277	14.087	ug/l #	83
29) Tetrahydrofuran	7.344	42	307	1.549	ug/l #	54
31) Cyclohexane	7.777	56	1650	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	5507	4.625	ug/l #	48
37) Ethyl Acetate	6.978	43	4277	5.413	ug/l #	80
38) Carbon Tetrachloride	7.777	117	6773	5.731	ug/l #	15
51) 4-Methyl-2-Pentanone	10.069	43	1123	1.445	ug/l	98
52) Toluene	10.240	92	76090	34.442	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	14775	25.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14775	51.662	ug/l #	13

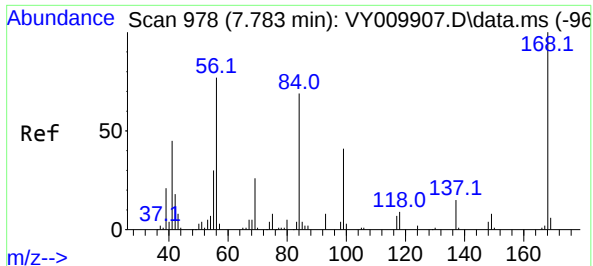
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080921.D
Acq On : 09 Aug 2022 15:46
Operator : KP/MD
Sample : N4061-07
Misc : 4.86g/5.0mL/MSVOA_Y/soil
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

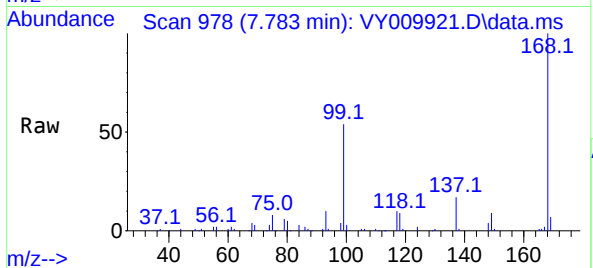
Quant Time: Aug 09 23:06:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



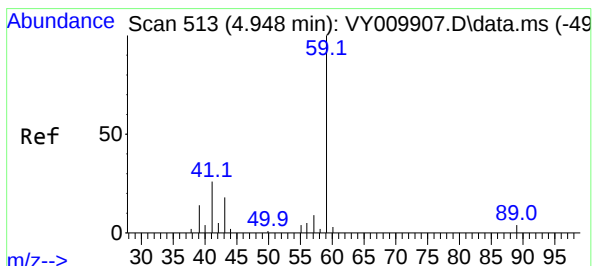
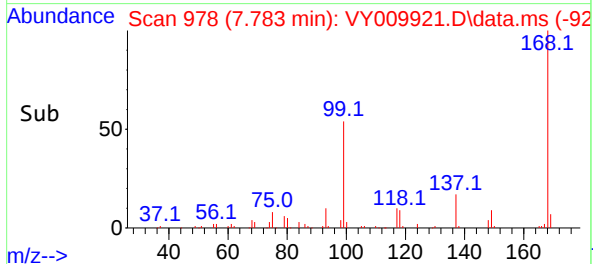
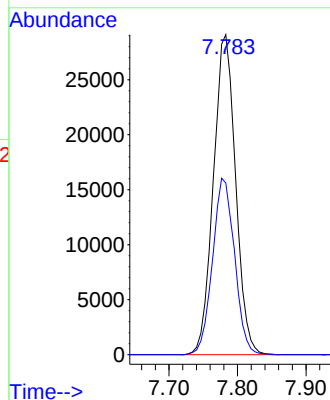


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

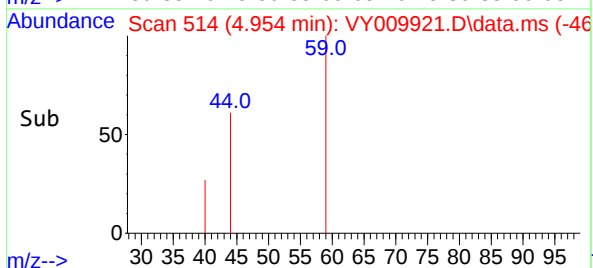
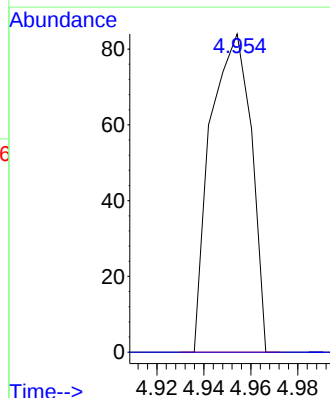
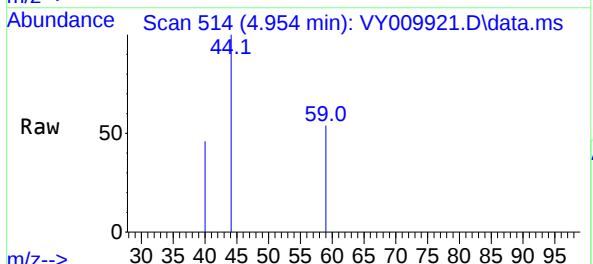


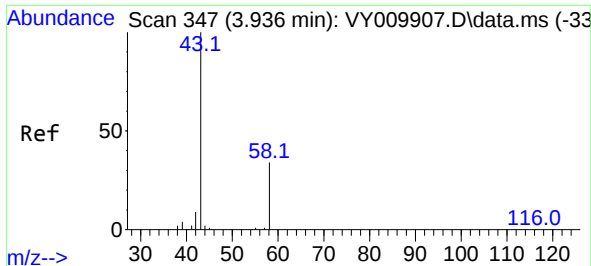
Tgt Ion:168 Resp: 65361
Ion Ratio Lower Upper
168 100
99 53.7 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.363 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 65.606 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

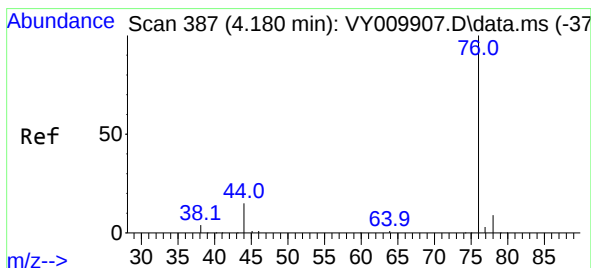
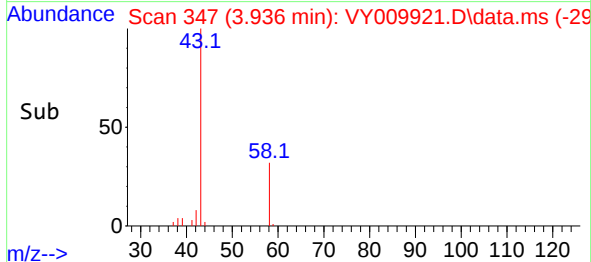
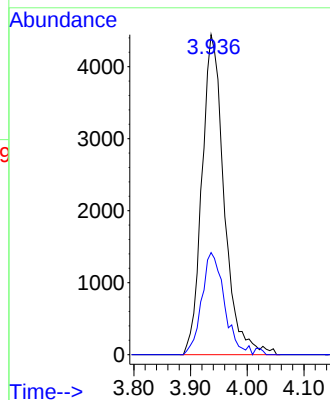
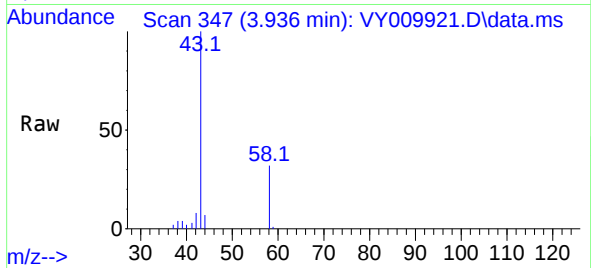
COMP3-0804

Tgt Ion: 43 Resp: 12096

Ion Ratio Lower Upper

43 100

58 31.9 24.0 36.0



#17

Carbon Disulfide

Concen: 1.939 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.007 min

Lab File: VY009921.D

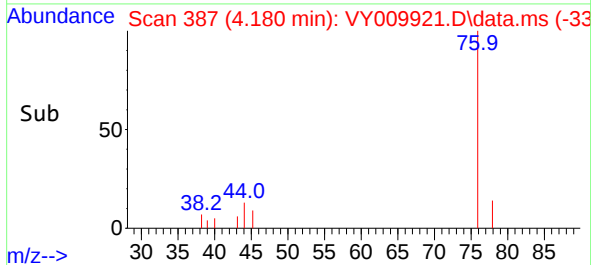
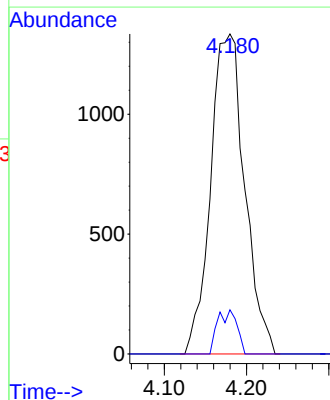
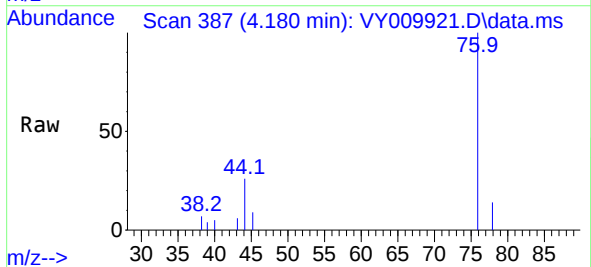
Acq: 09 Aug 2022 15:46

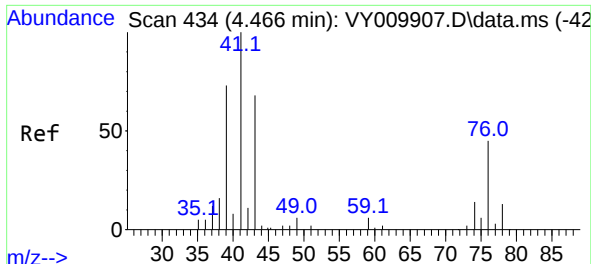
Tgt Ion: 76 Resp: 3841

Ion Ratio Lower Upper

76 100

78 13.8 6.8 10.2#

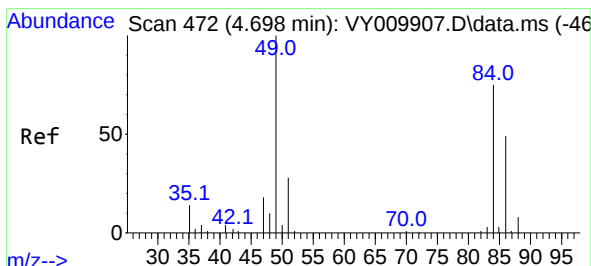
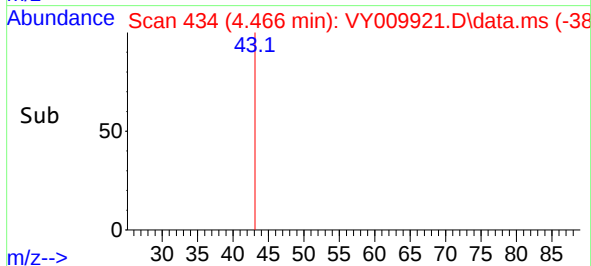
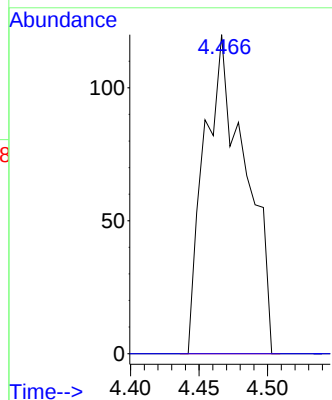
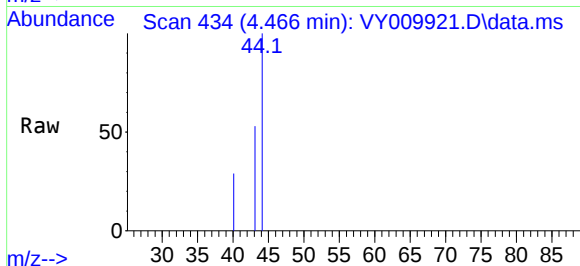




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

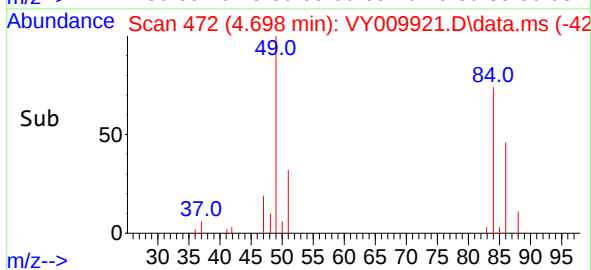
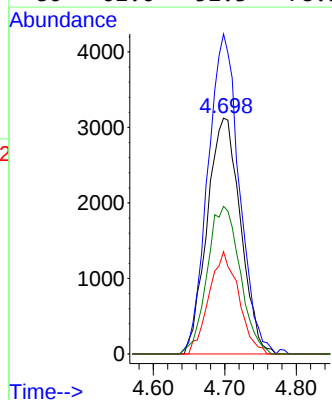
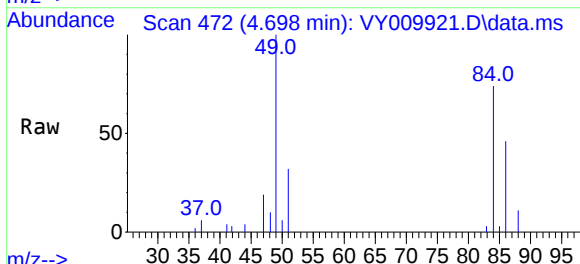
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

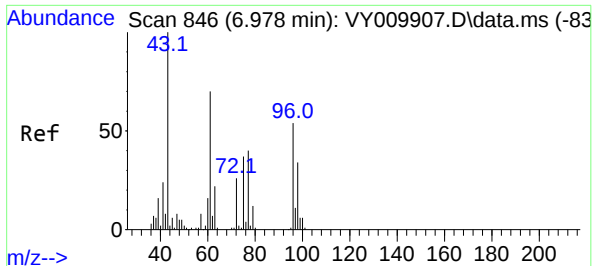
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 3.350 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 84 Resp: 10100
Ion Ratio Lower Upper
84 100
49 135.7 98.2 147.4
51 43.4 33.4 50.0
86 62.6 52.3 78.5





#25

2-Butanone

Concen: 14.087 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

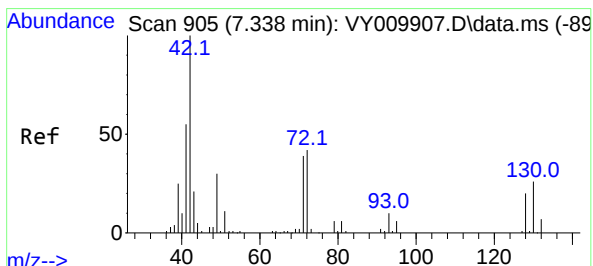
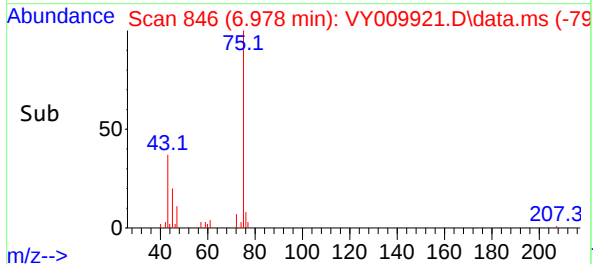
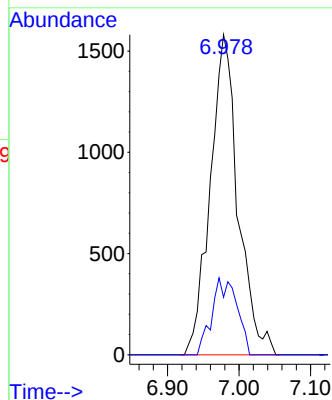
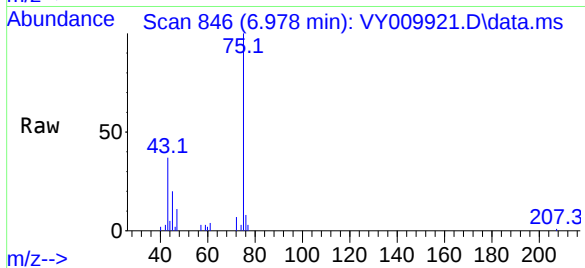
COMP3-0804

Tgt Ion: 43 Resp: 4277

Ion Ratio Lower Upper

43 100

72 18.0 21.5 32.3#



#29

Tetrahydrofuran

Concen: 1.549 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

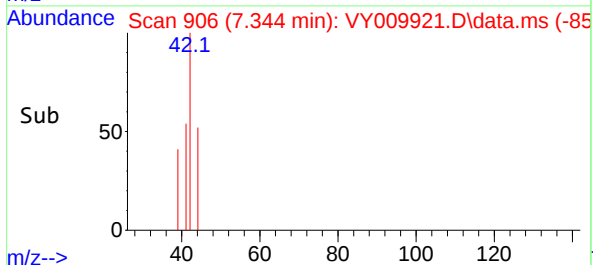
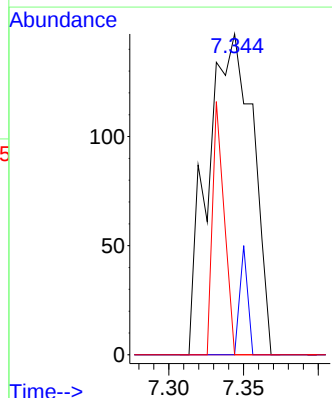
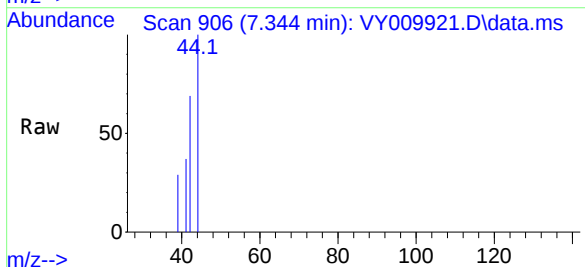
Tgt Ion: 42 Resp: 307

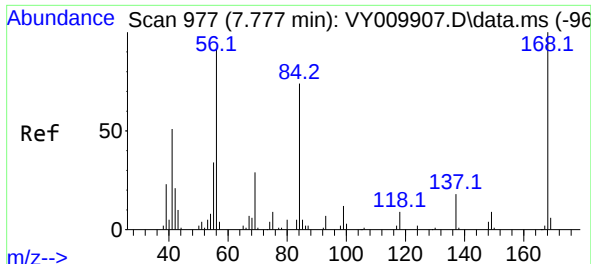
Ion Ratio Lower Upper

42 100

72 5.9 34.6 52.0#

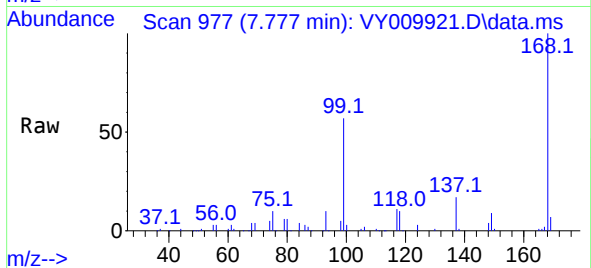
71 20.5 32.7 49.1#



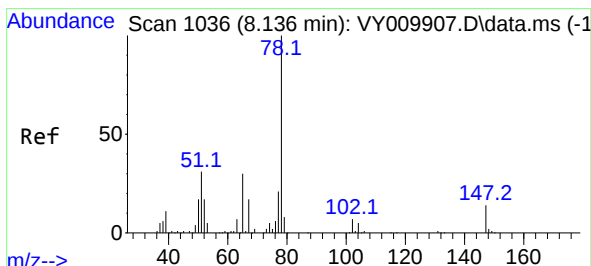
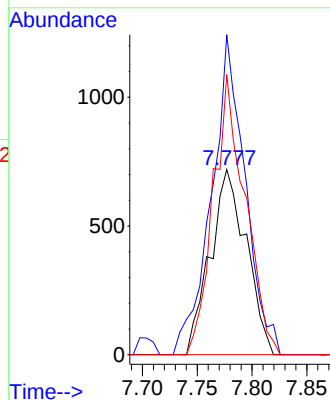
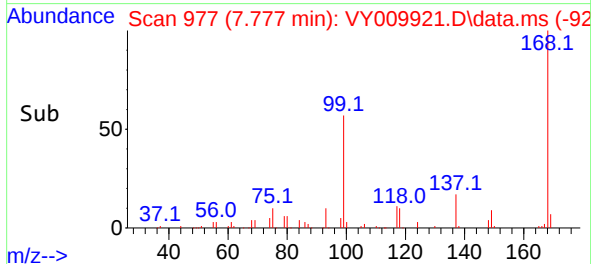


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

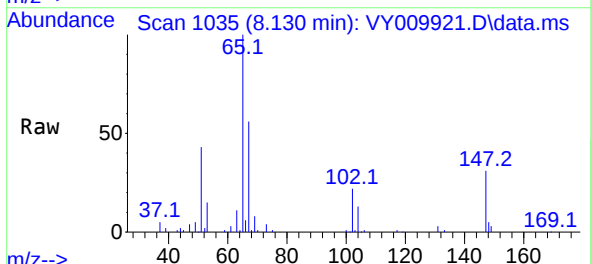
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804



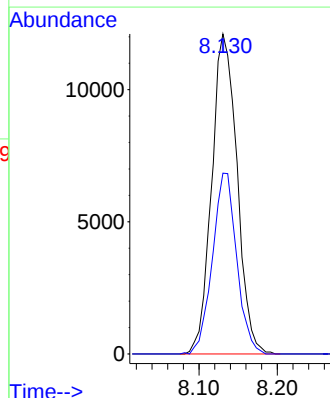
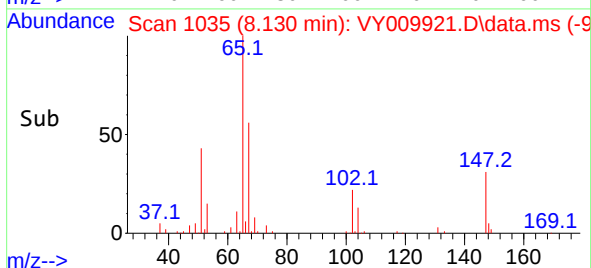
Tgt Ion: 56 Resp: 1650
Ion Ratio Lower Upper
56 100
69 172.9 26.0 39.0#
84 151.3 69.5 104.3#

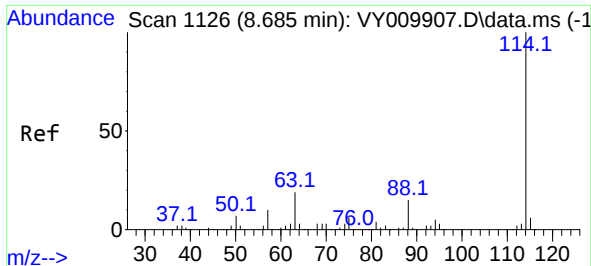


#33
1,2-Dichloroethane-d4
Concen: 53.599 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46



Tgt Ion: 65 Resp: 27214
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4

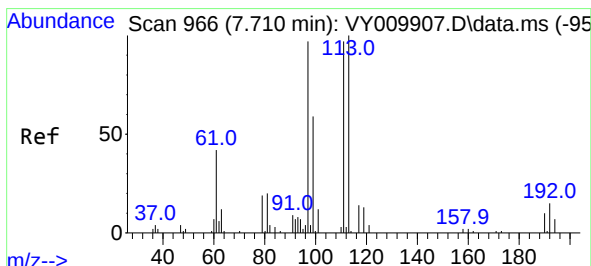
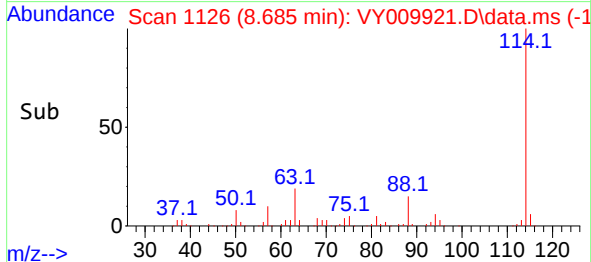
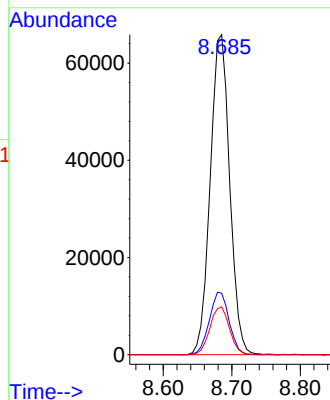
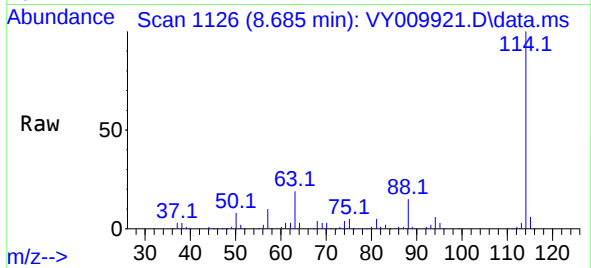




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

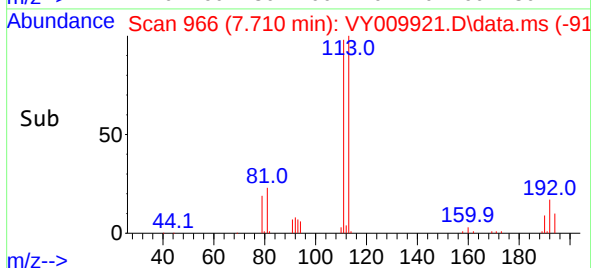
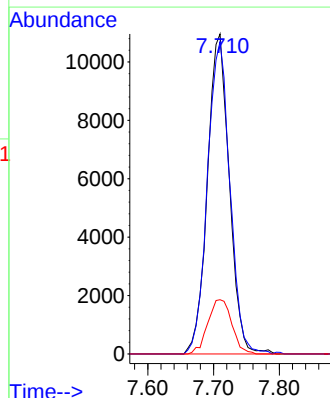
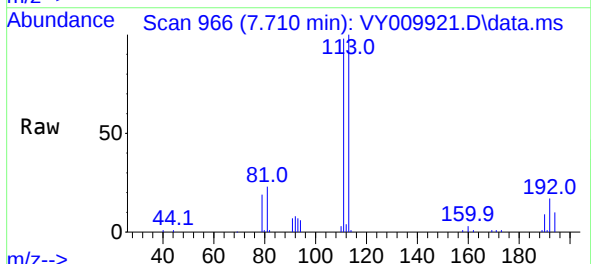
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

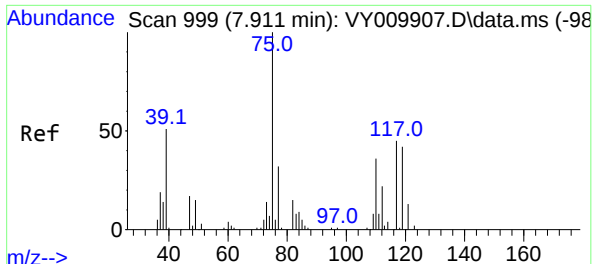
Tgt Ion:114 Resp: 130002
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.0
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 35.940 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

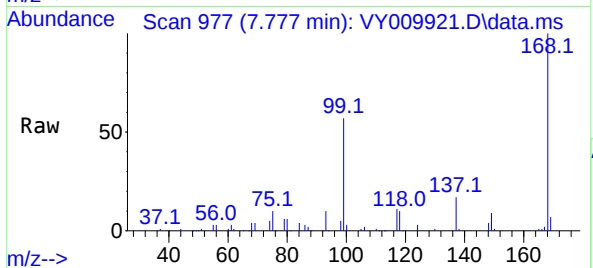
Tgt Ion:113 Resp: 25363
Ion Ratio Lower Upper
113 100
111 100.3 80.6 120.8
192 18.6 16.2 24.4



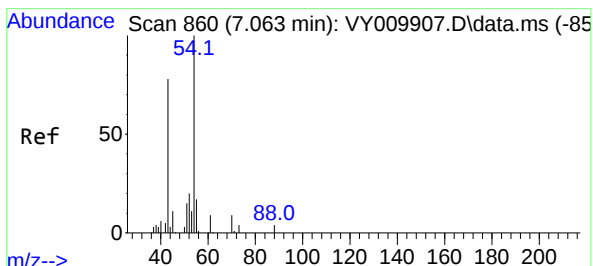
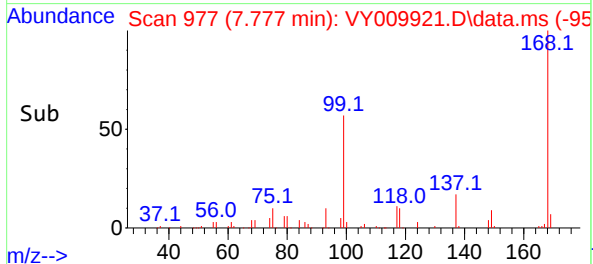
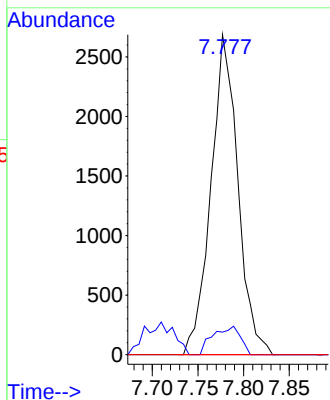


#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

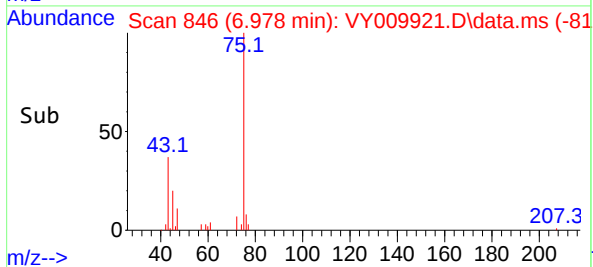
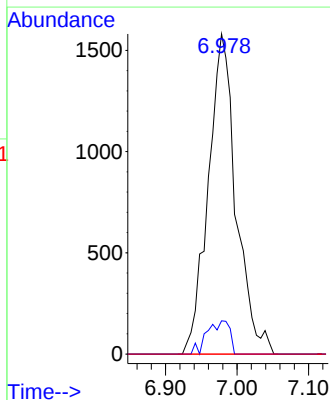
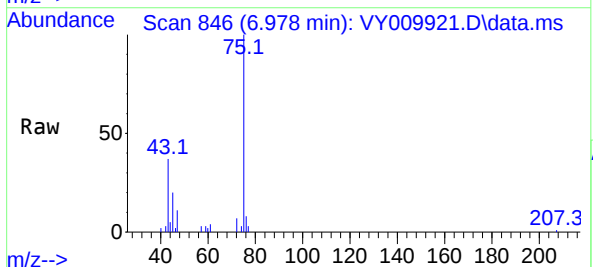


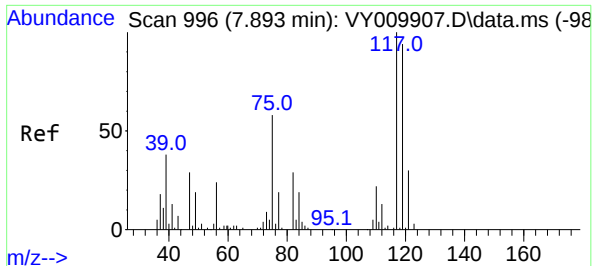
Tgt Ion: 75 Resp: 5507
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 5.413 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

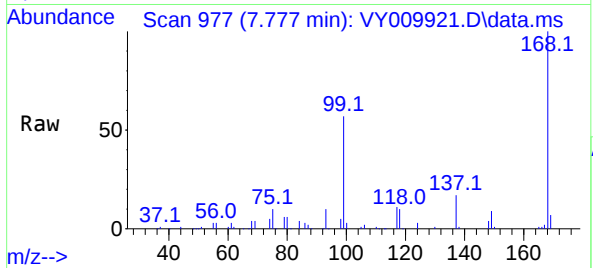
Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
61 8.5 11.2 16.8#
70 0.0 8.4 12.6#



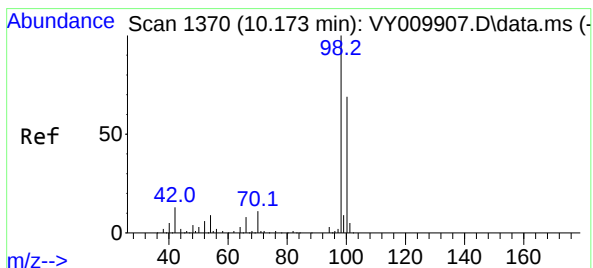
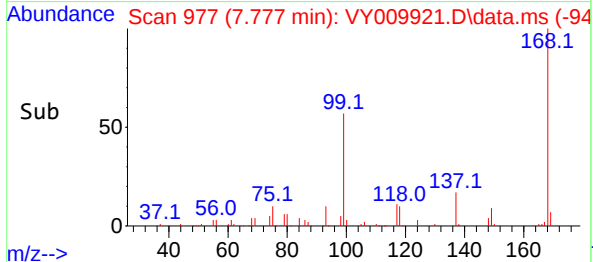
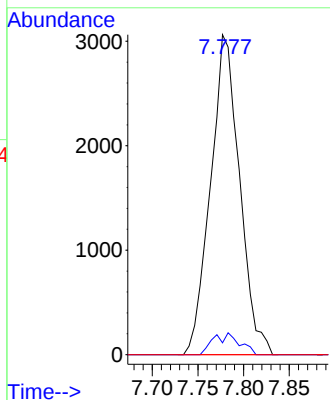


#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

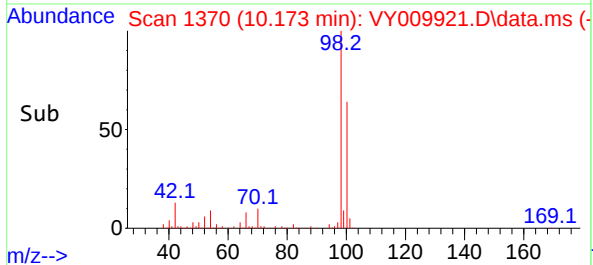
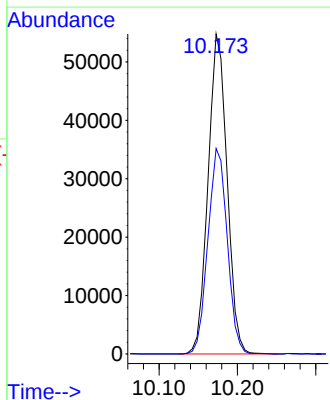
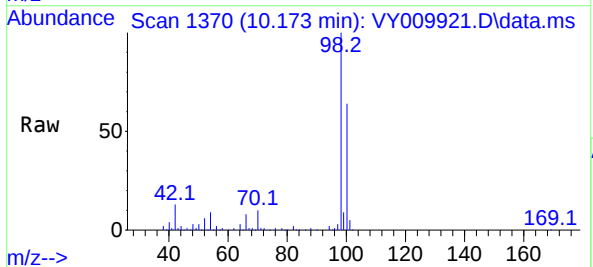


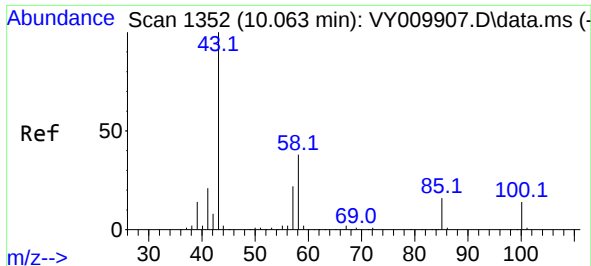
Tgt Ion:117 Resp: 6773
Ion Ratio Lower Upper
117 100
119 3.7 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.097 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 98 Resp: 92263
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

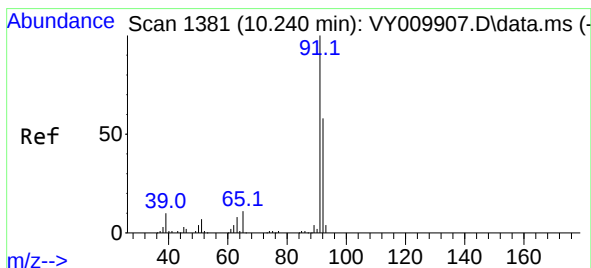
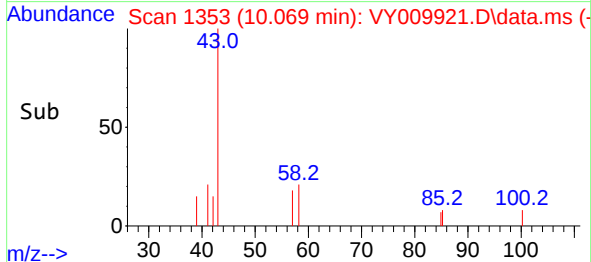
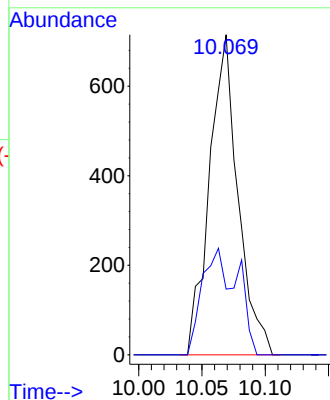
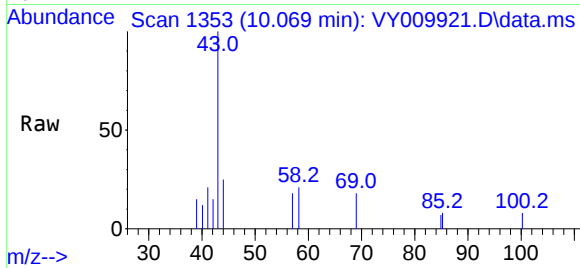




#51
4-Methyl-2-Pentanone
Concen: 1.445 ug/l
RT: 10.069 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

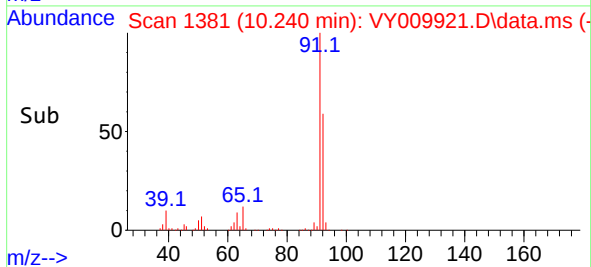
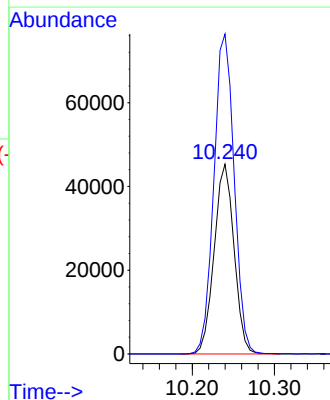
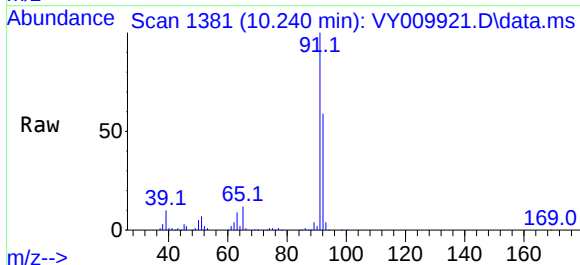
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

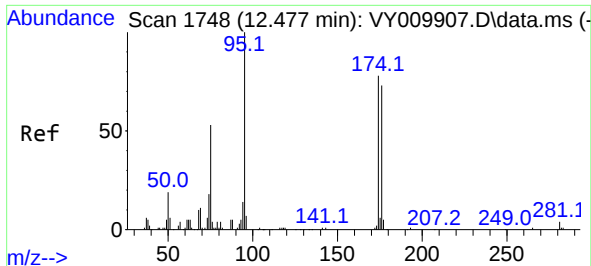
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 40.9 31.5 47.3



#52
Toluene
Concen: 34.442 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 92 Resp: 76090
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1

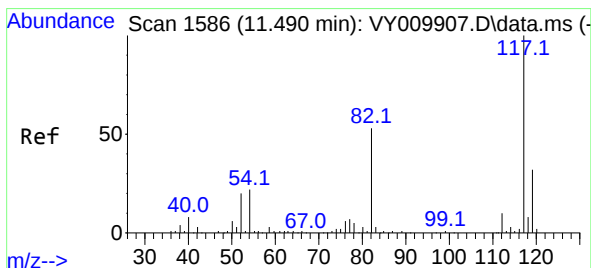
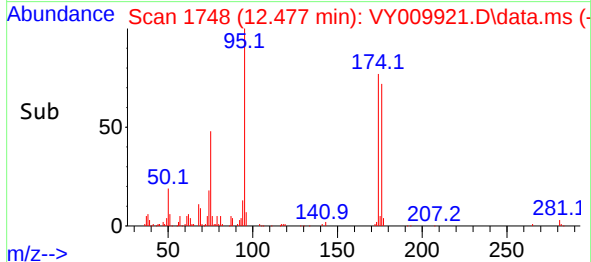
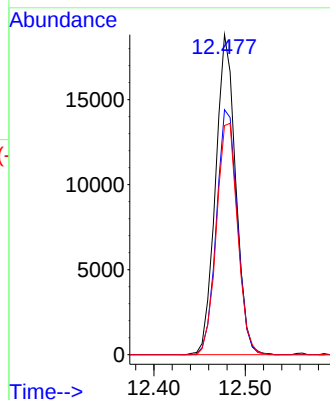
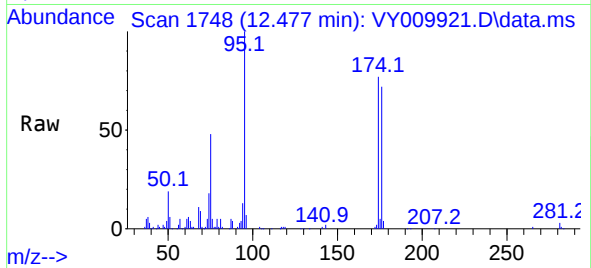




#62
4-Bromofluorobenzene
Concen: 29.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

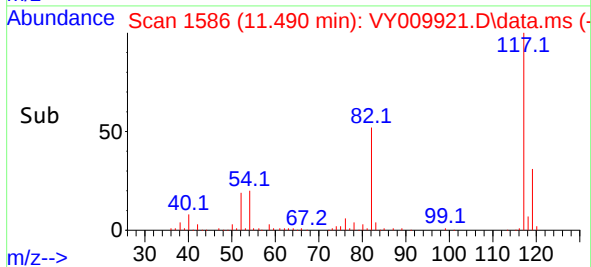
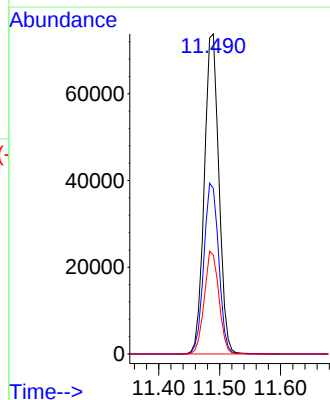
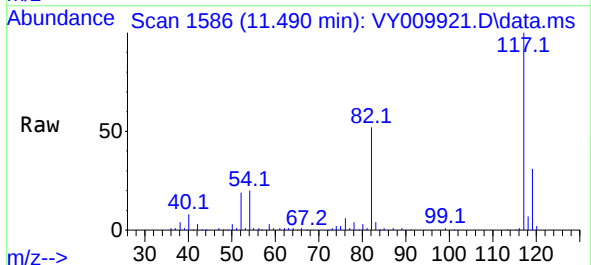
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

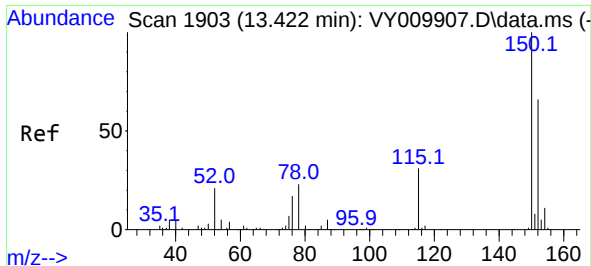
Tgt Ion:	95	Resp:	28852
Ion Ratio	Lower	Upper	
95	100		
174	79.5	0.0	173.8
176	75.7	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion:	117	Resp:	123023
Ion Ratio	Lower	Upper	
117	100		
82	51.8	41.8	62.6
119	30.8	25.6	38.4

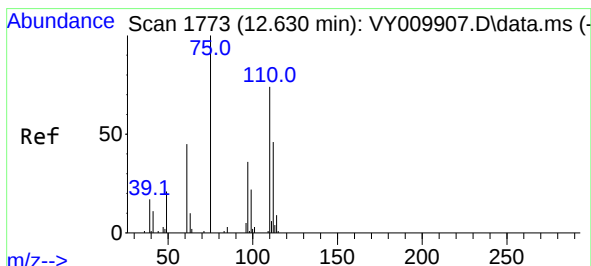
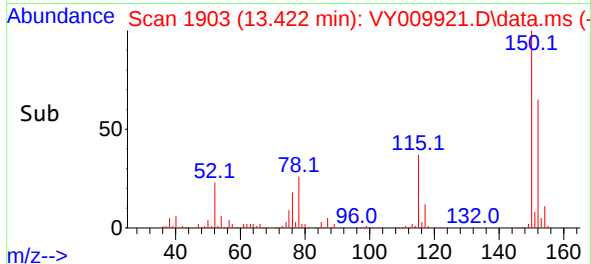
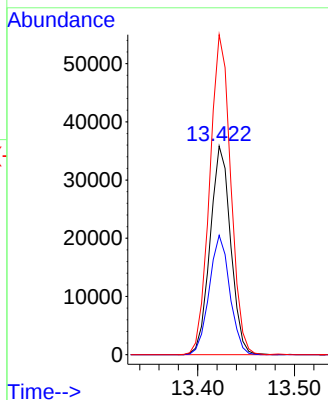
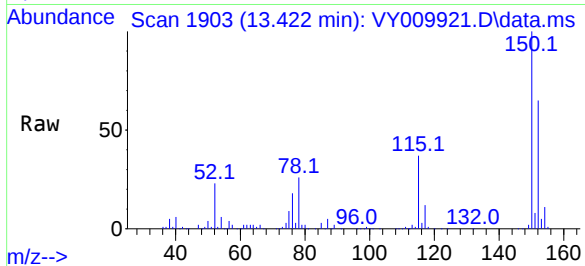




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

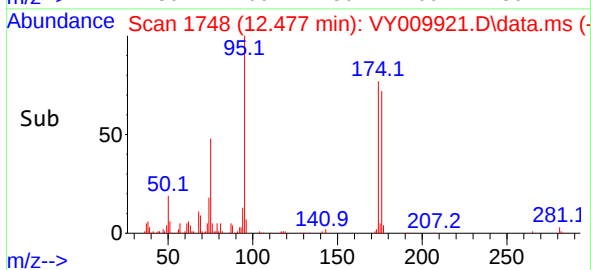
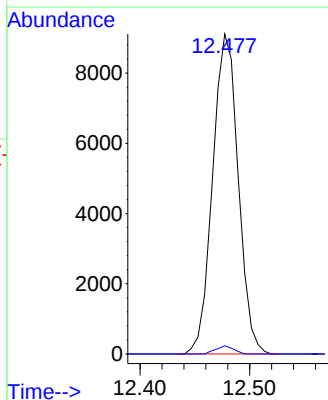
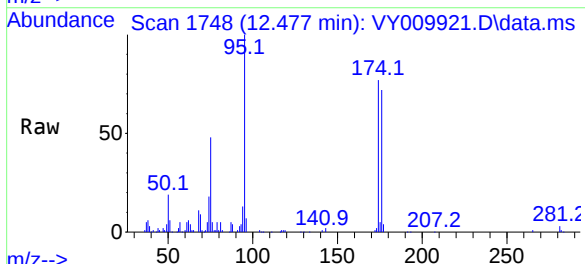
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

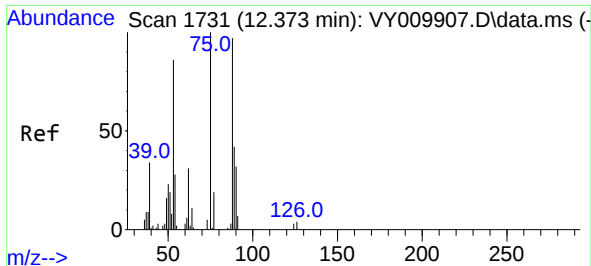
Tgt Ion:152 Resp: 52849
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 156.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 25.553 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

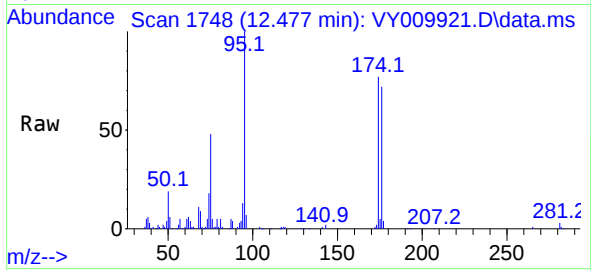
Tgt Ion: 75 Resp: 14775
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.662 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009921.D
 Acq: 09 Aug 2022 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP3-0804



Tgt Ion: 75 Resp: 14775

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

