

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009920.D
 Acq On : 09 Aug 2022 15:22
 Operator : KP/MD
 Sample : N4061-05
 Misc : 3.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP2-0804

Quant Time: Aug 09 23:06:27 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)

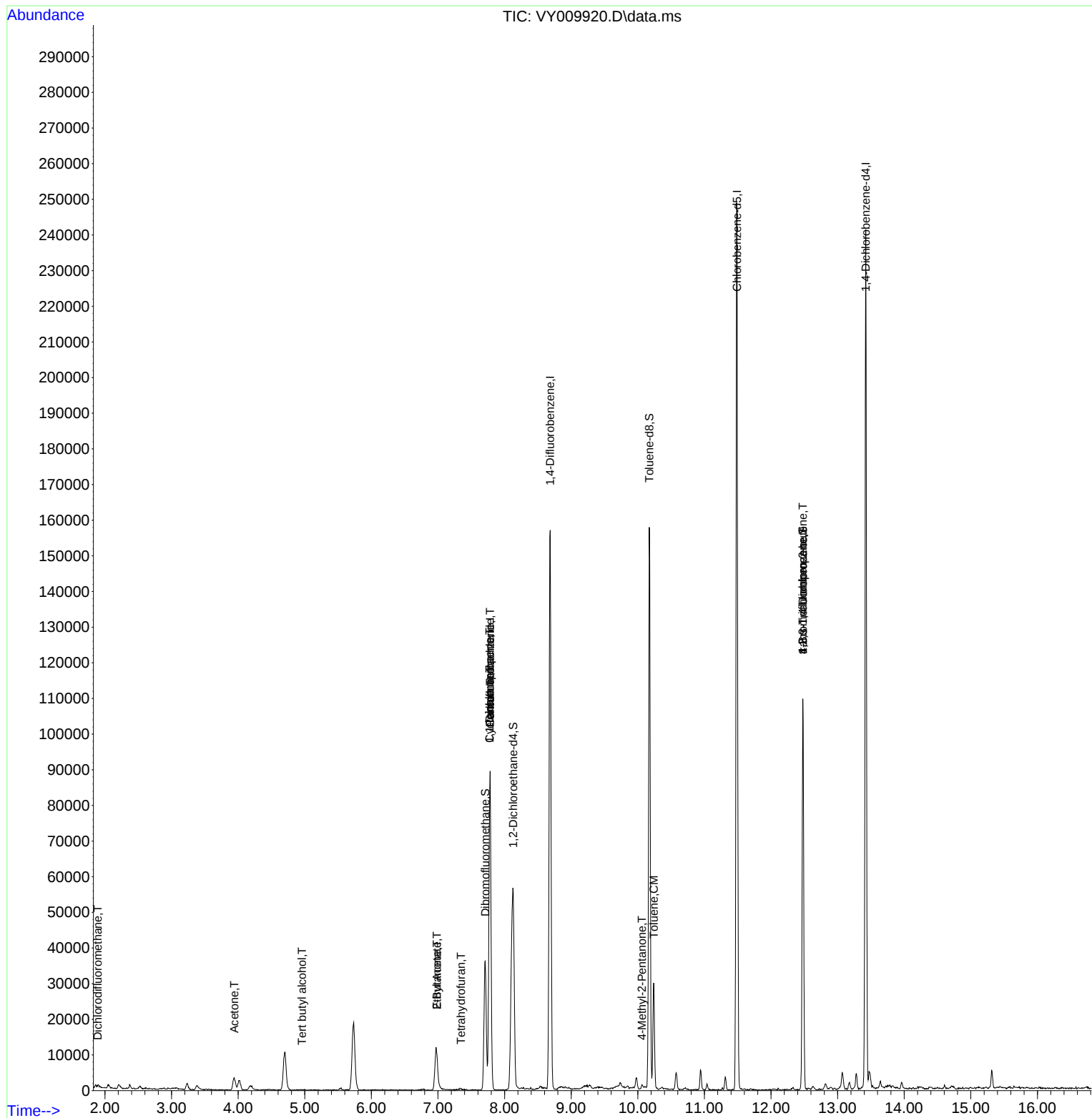
Internal Standards						
1) Pentafluorobenzene	7.783	168	65780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27975	54.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.710	113	25865	35.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.560%	
50) Toluene-d8	10.173	98	97953	43.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.400%	
62) 4-Bromofluorobenzene	12.477	95	31640	30.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	676	1.205	ug/l	95
11) Tert butyl alcohol	4.960	59	108	1.448	ug/l #	78
16) Acetone	3.942	43	6461	34.820	ug/l	97
18) Methyl Acetate	4.460	43	283	Below Cal	#	52
25) 2-Butanone	6.984	43	2418	7.913	ug/l	96
29) Tetrahydrofuran	7.344	42	343	1.720	ug/l #	33
31) Cyclohexane	7.777	56	1756	1.375	ug/l #	11
36) 1,1-Dichloropropene	7.777	75	5659	4.575	ug/l #	48
37) Ethyl Acetate	6.984	43	2418	2.946	ug/l #	68
38) Carbon Tetrachloride	7.783	117	6769	5.514	ug/l #	18
51) 4-Methyl-2-Pentanone	10.063	43	907	1.123	ug/l	93
52) Toluene	10.240	92	11954	5.209	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	16671	26.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16671	53.483	ug/l #	14

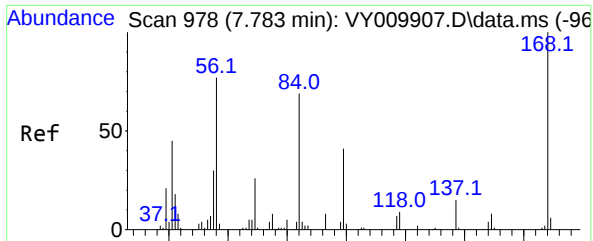
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080920.D
Acq On : 09 Aug 2022 15:22
Operator : KP/MD
Sample : N4061-05
Misc : 3.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

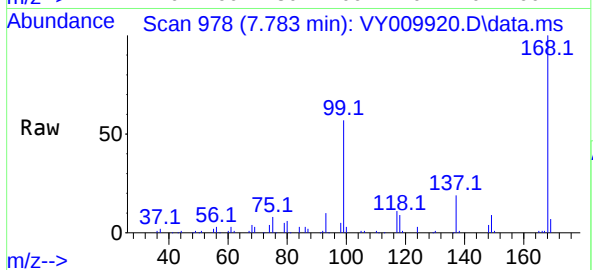
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



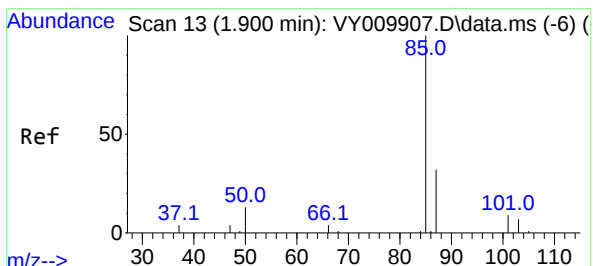
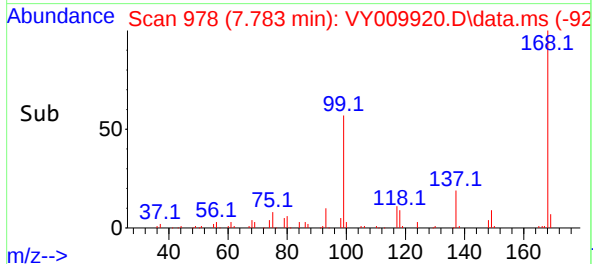
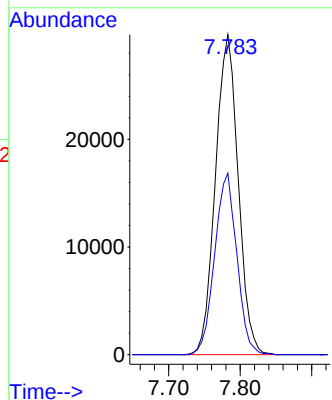


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

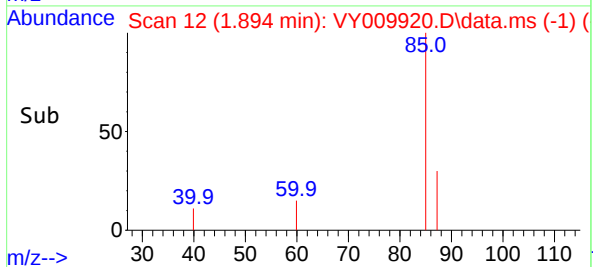
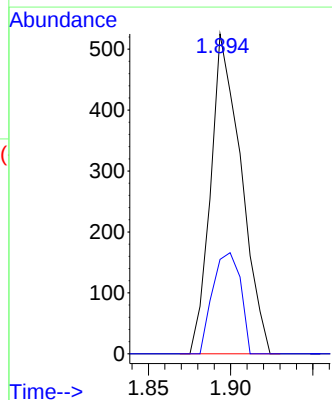
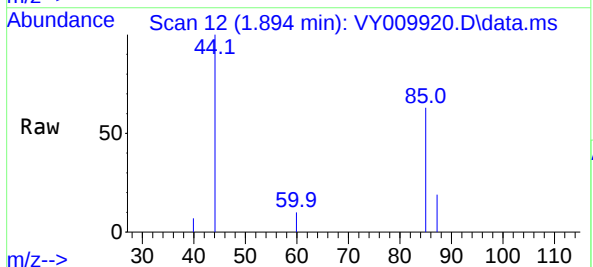


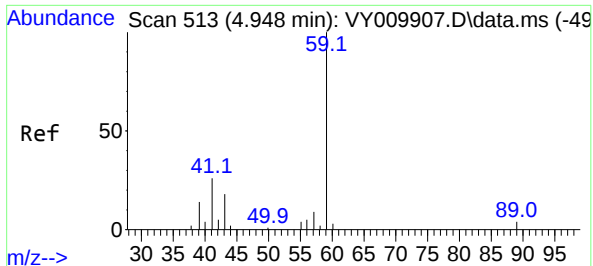
Tgt Ion:168 Resp: 65780
Ion Ratio Lower Upper
168 100
99 56.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.205 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 85 Resp: 676
Ion Ratio Lower Upper
85 100
87 29.5 16.2 48.5

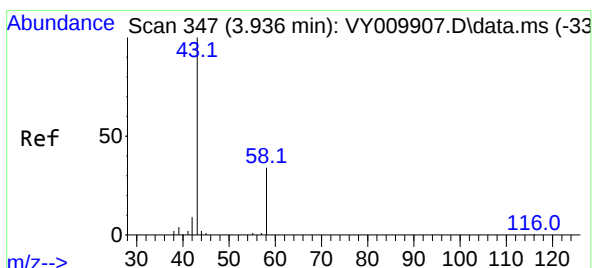
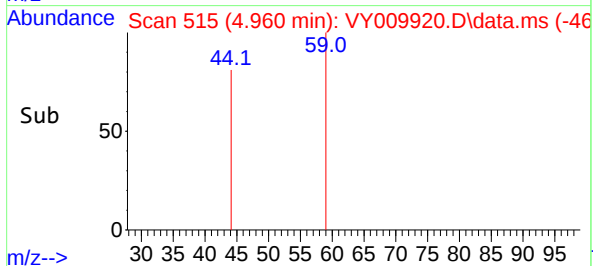
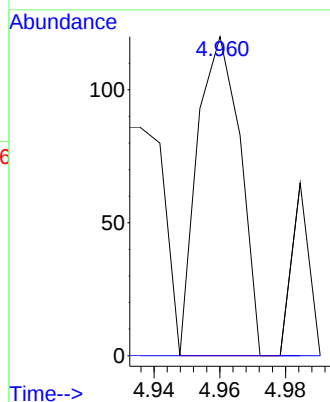
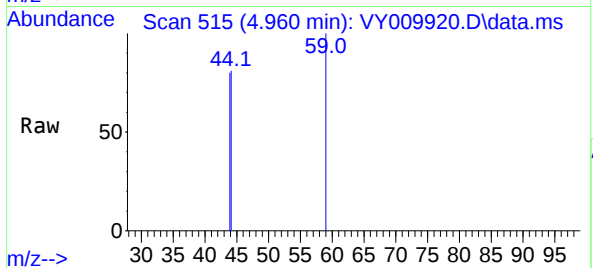




#11
Tert butyl alcohol
Concen: 1.448 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

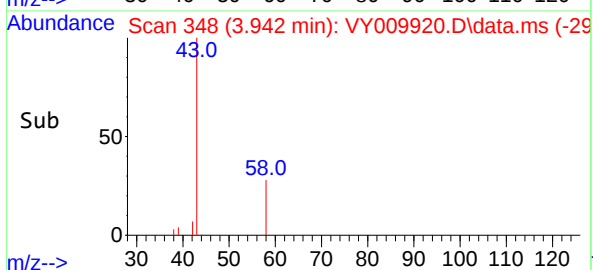
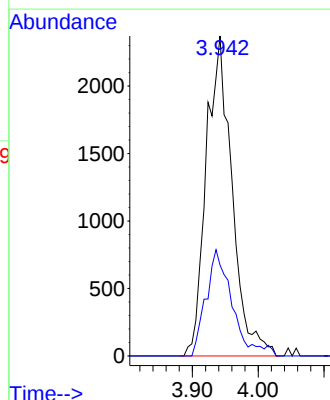
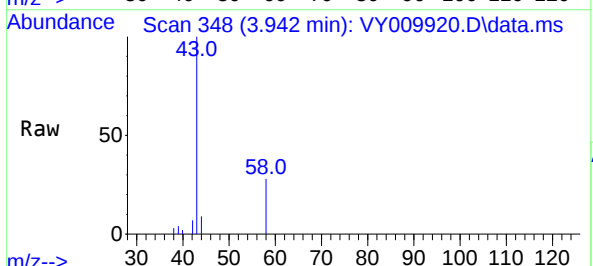
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

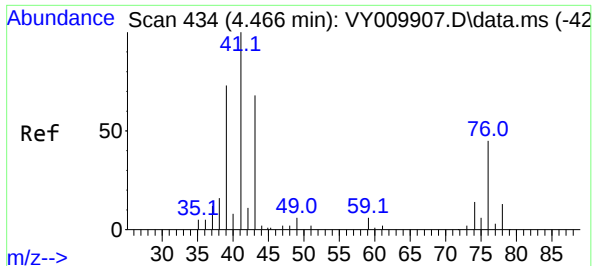
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#16
Acetone
Concen: 34.820 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 43 Resp: 6461
Ion Ratio Lower Upper
43 100
58 28.4 24.0 36.0

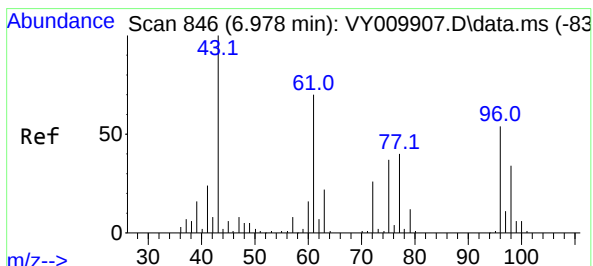
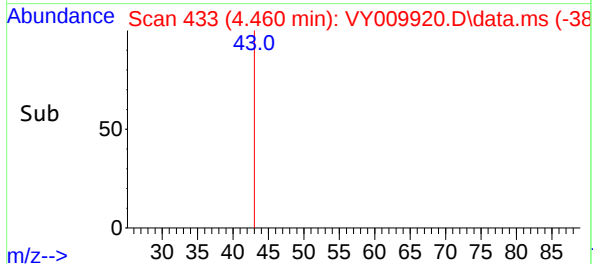
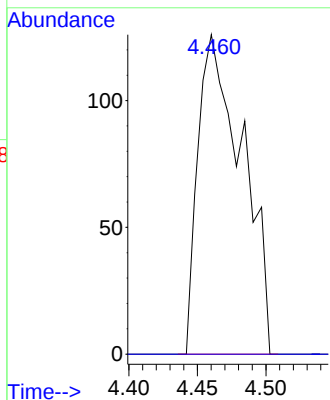
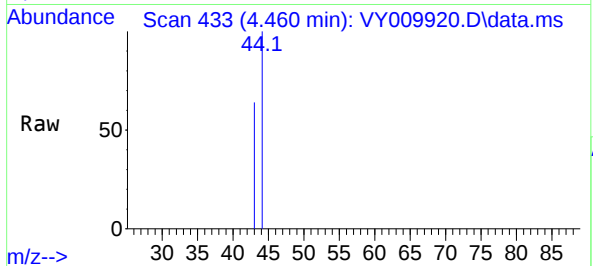




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

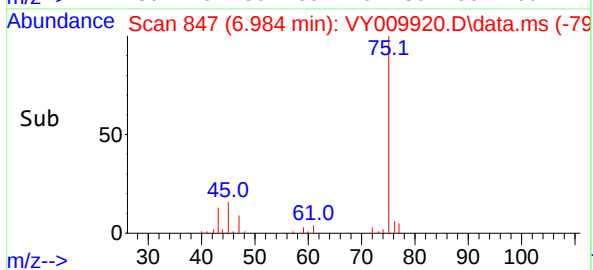
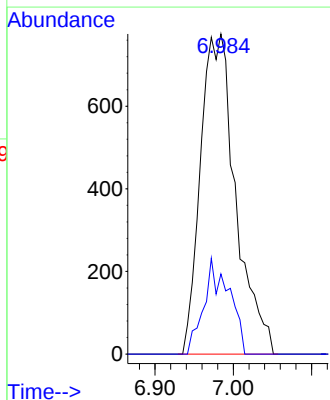
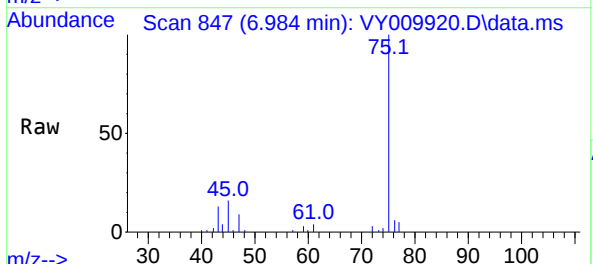
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

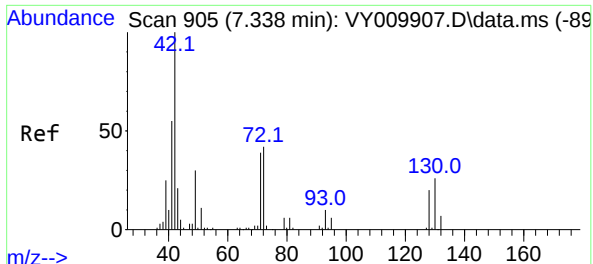
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#25
2-Butanone
Concen: 7.913 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
72 25.0 21.5 32.3

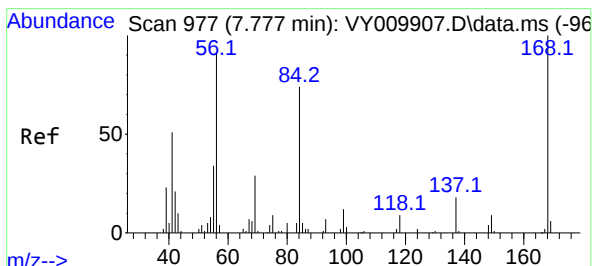
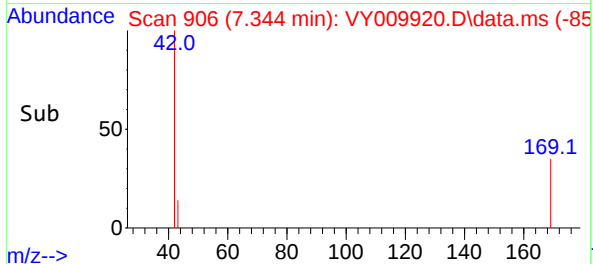
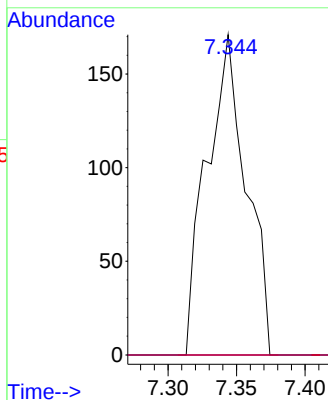
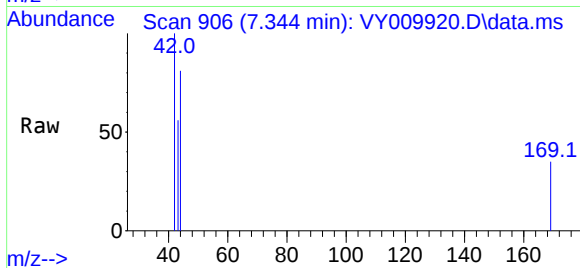




#29
Tetrahydrofuran
Concen: 1.720 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.007 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

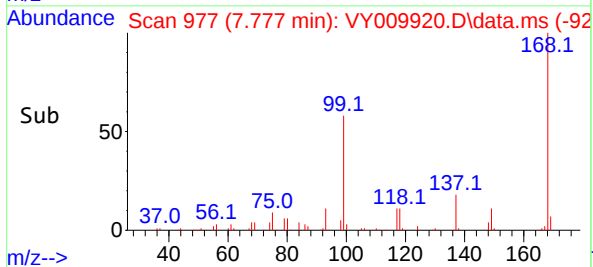
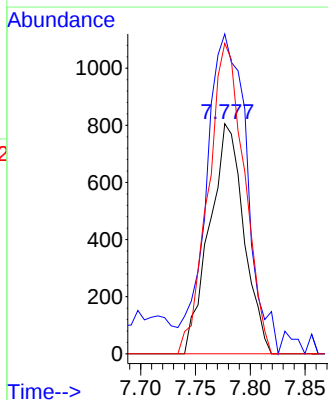
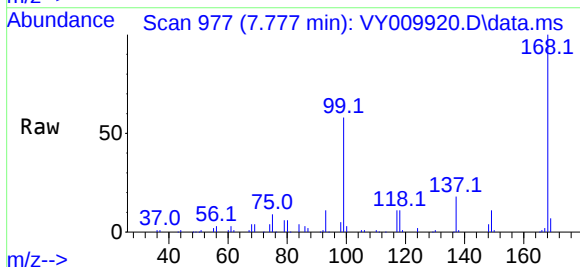
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

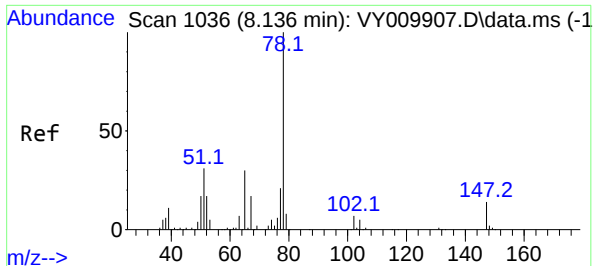
Tgt Ion: 42	Resp:	343	
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.6	52.0#
71	0.0	32.7	49.1#



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 56	Resp:	1756	
Ion	Ratio	Lower	Upper
56	100		
69	139.0	26.0	39.0#
84	134.9	69.5	104.3#

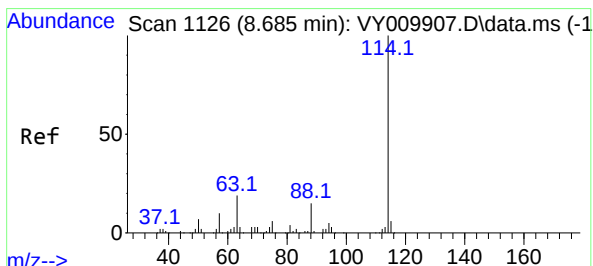
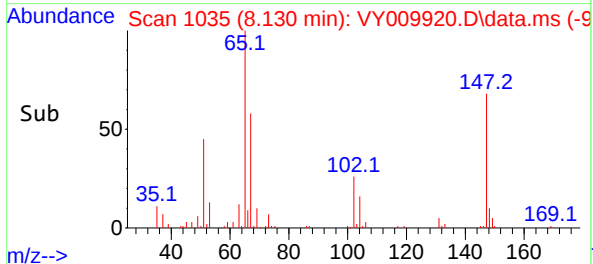
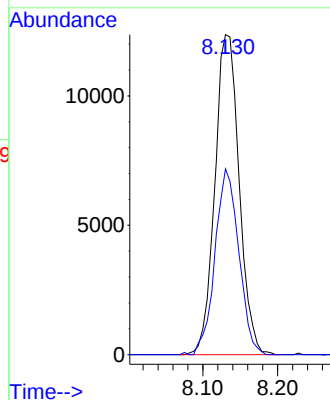
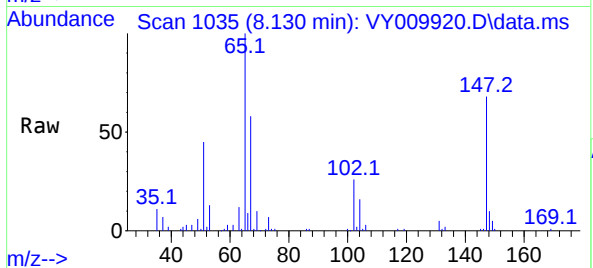




#33
1,2-Dichloroethane-d4
Concen: 54.886 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

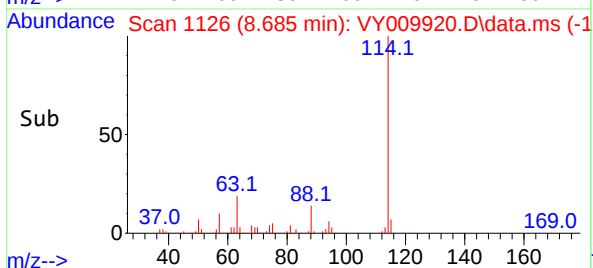
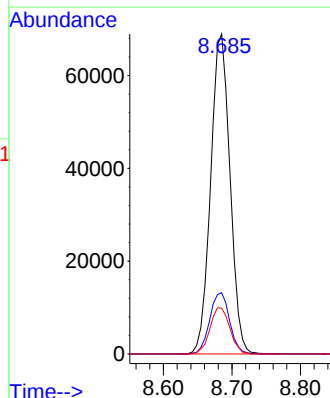
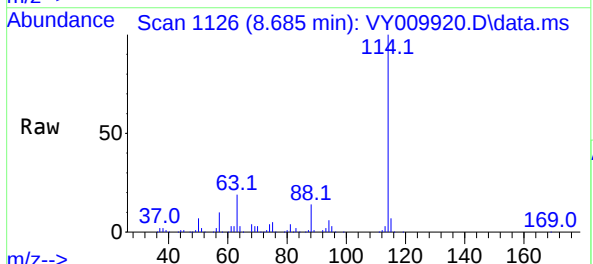
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

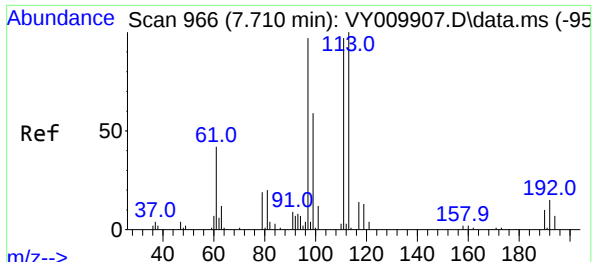
Tgt Ion: 65 Resp: 27975
Ion Ratio Lower Upper
65 100
67 56.9 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 114 Resp: 135040
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.0
88 14.3 0.0 30.0

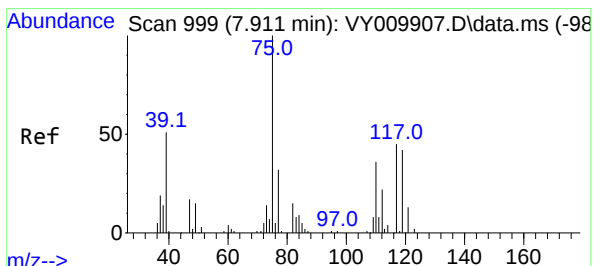
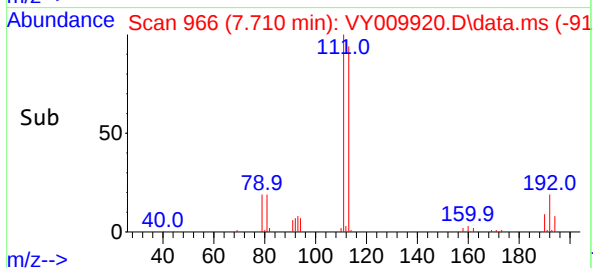
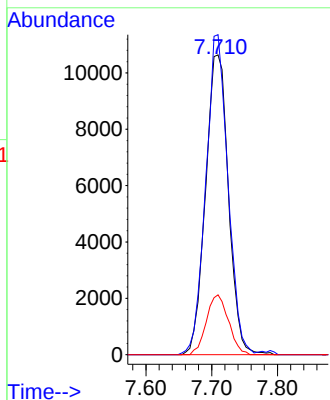
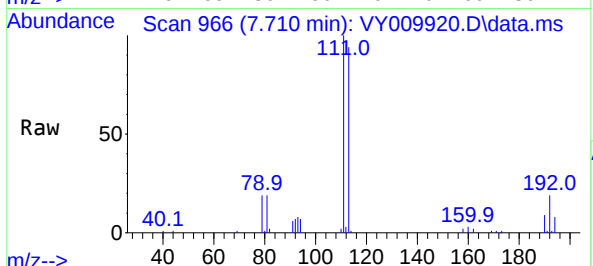




#35
Dibromofluoromethane
Concen: 35.284 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

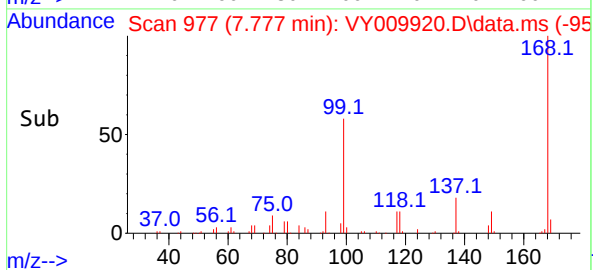
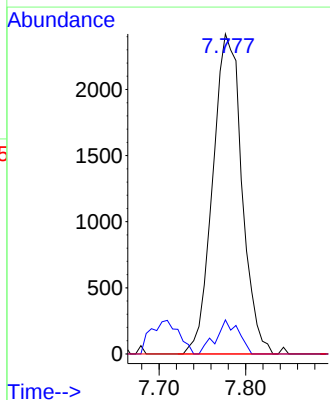
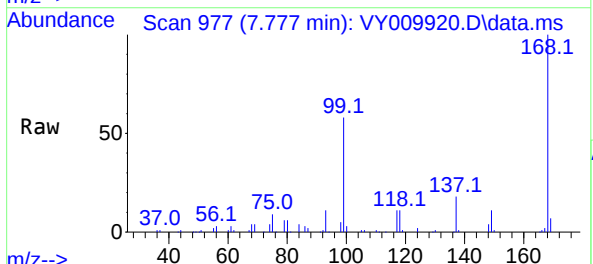
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

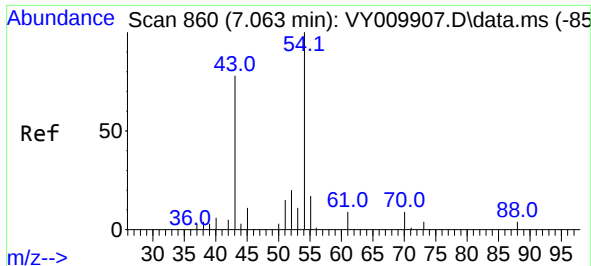
Tgt Ion:	113	Resp:	25865
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.6	120.8
192	19.2	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion:	75	Resp:	5659
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	56.0#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 2.946 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.079 min

Lab File: VY009920.D

Acq: 09 Aug 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

COMP2-0804

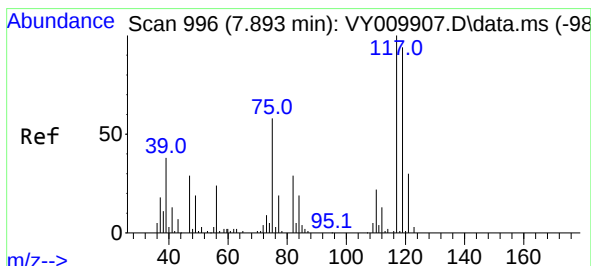
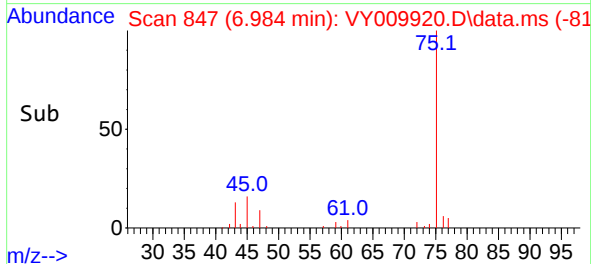
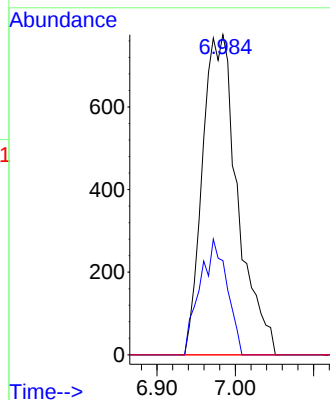
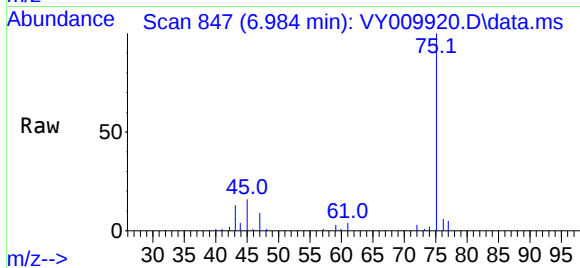
Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

61 27.9 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.514 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009920.D

Acq: 09 Aug 2022 15:22

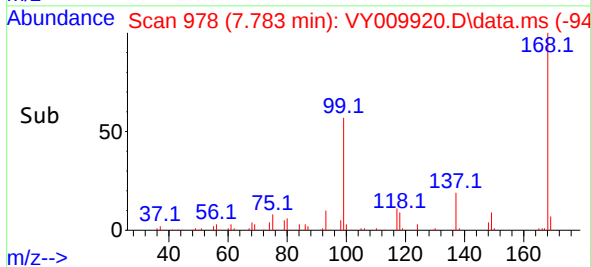
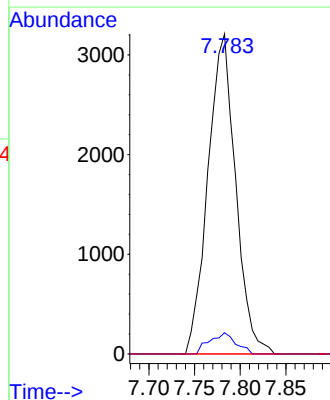
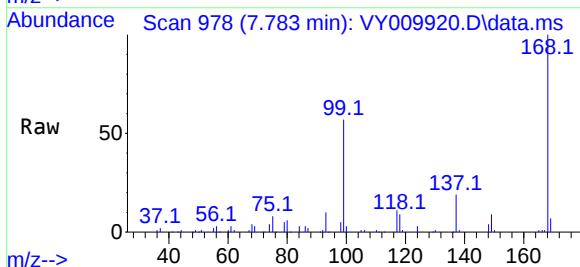
Tgt Ion: 117 Resp: 6769

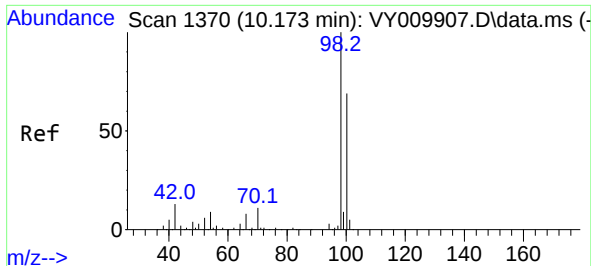
Ion Ratio Lower Upper

117 100

119 6.7 75.9 113.9#

121 0.0 24.9 37.3#

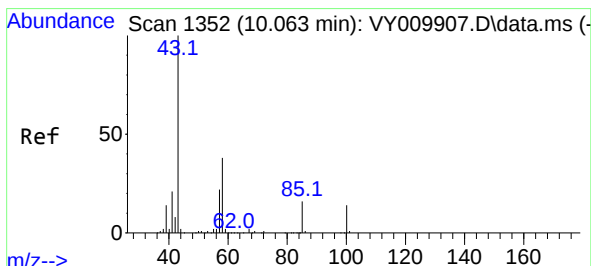
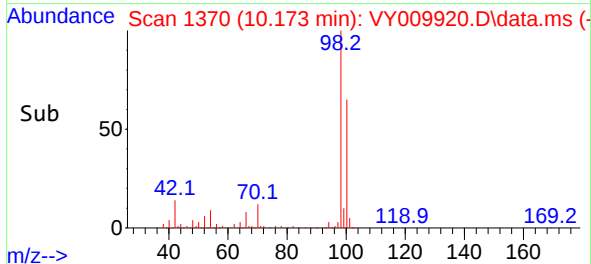
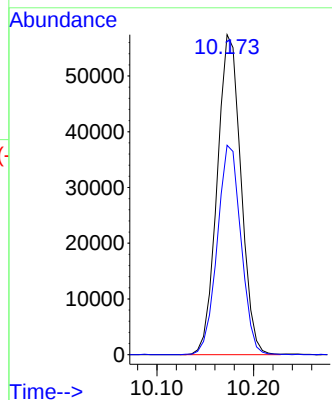
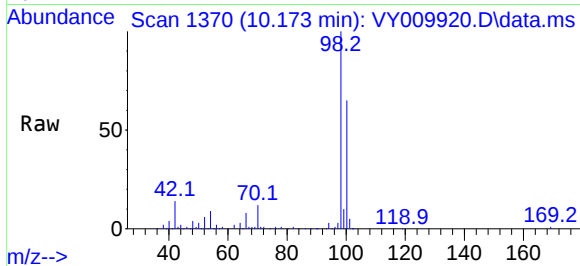




#50
Toluene-d8
Concen: 43.197 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

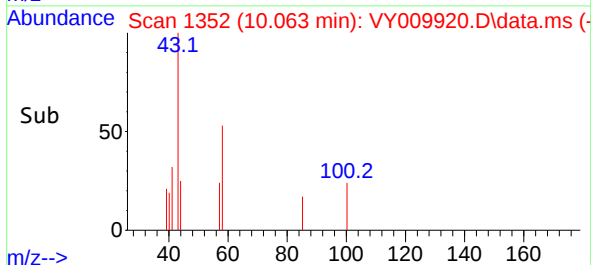
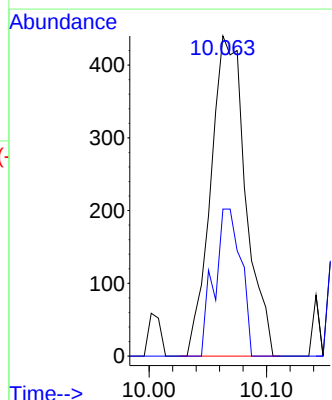
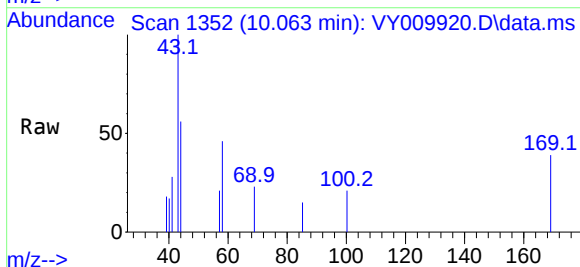
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

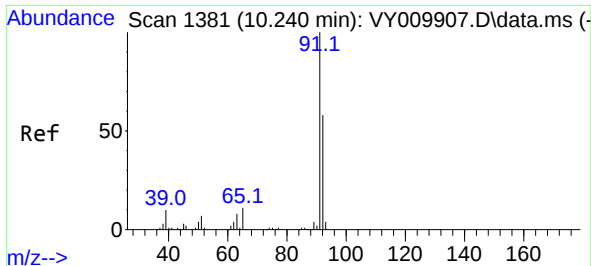
Tgt Ion: 98 Resp: 97953
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.123 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 35.0 31.5 47.3

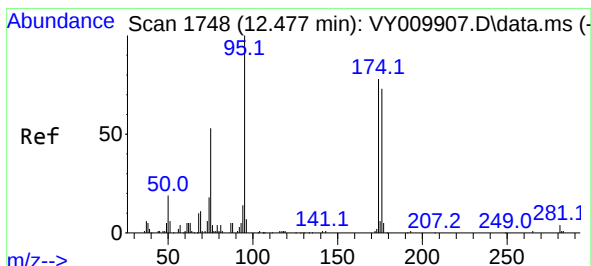
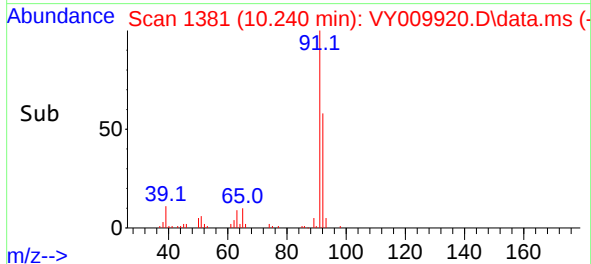
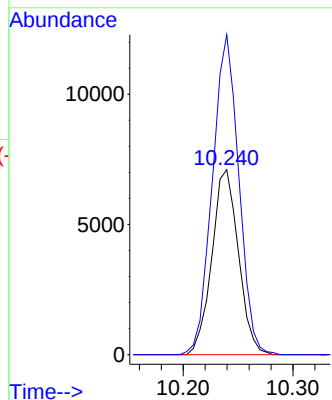
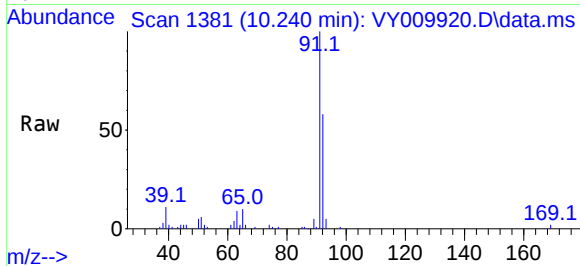




#52
Toluene
Concen: 5.209 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

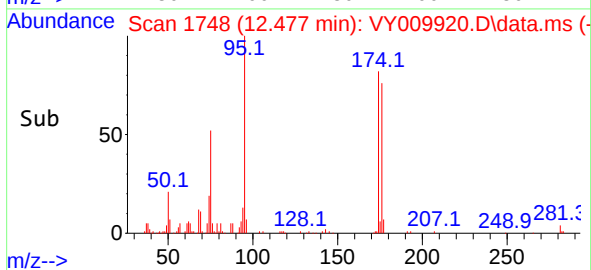
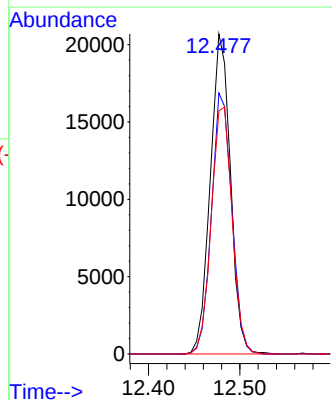
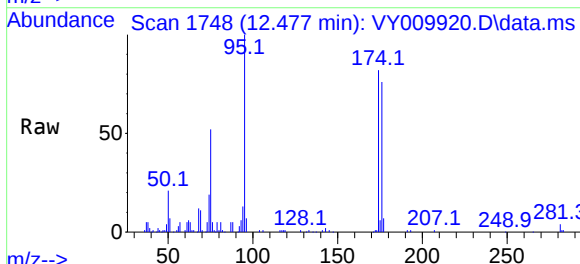
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

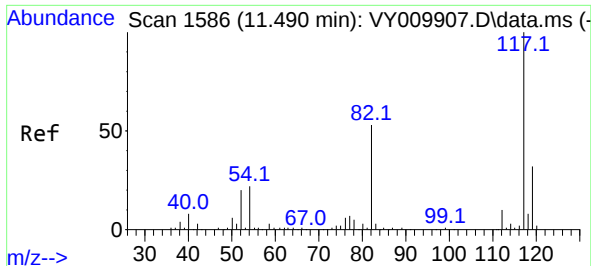
Tgt Ion: 92 Resp: 11954
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 30.912 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 95 Resp: 31640
Ion Ratio Lower Upper
95 100
174 82.2 0.0 173.8
176 80.0 0.0 167.0

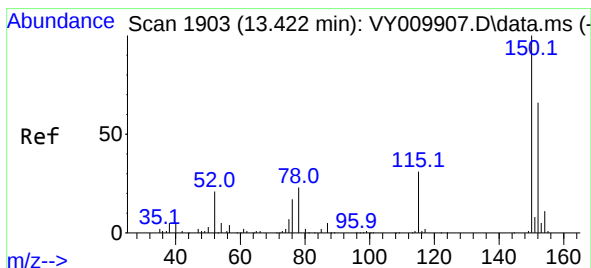
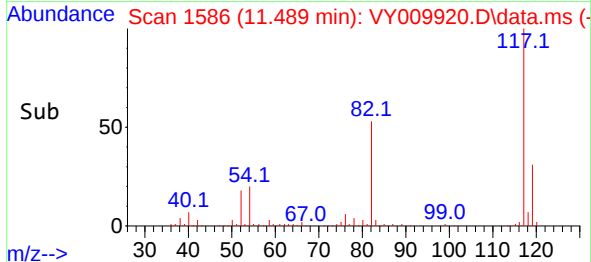
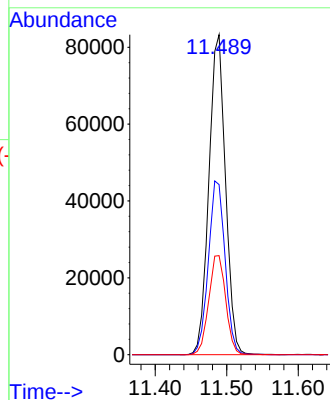
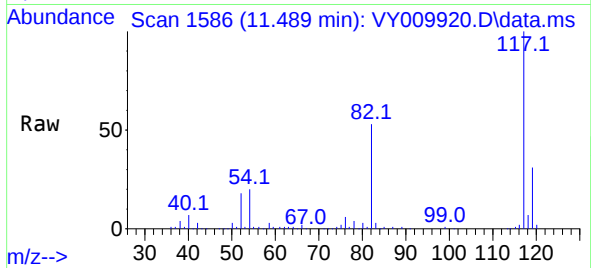




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

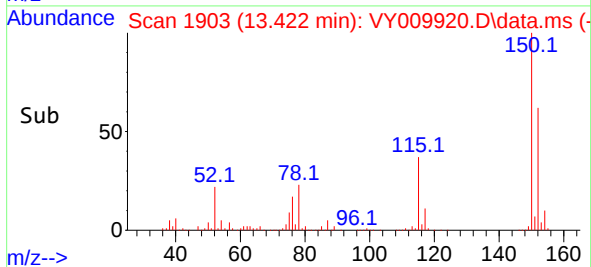
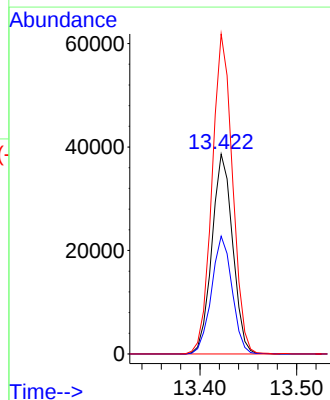
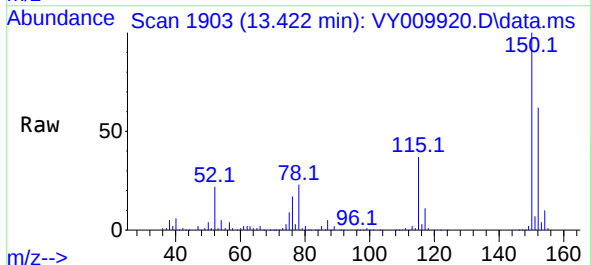
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

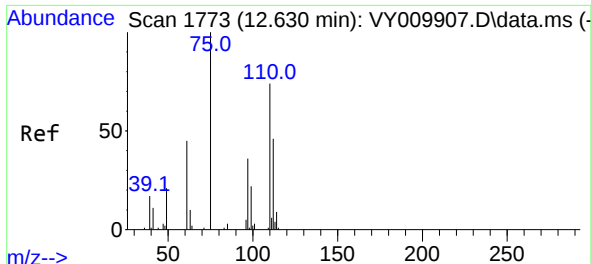
Tgt Ion:117 Resp: 134193
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion:152 Resp: 57600
Ion Ratio Lower Upper
152 100
115 58.5 28.6 85.9
150 158.1 0.0 349.8

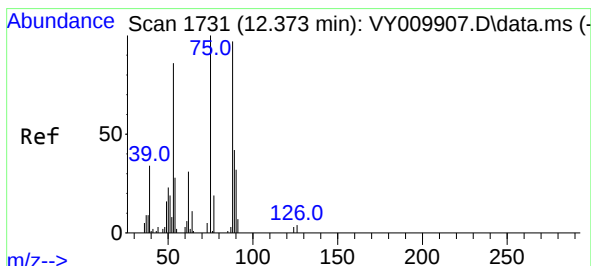
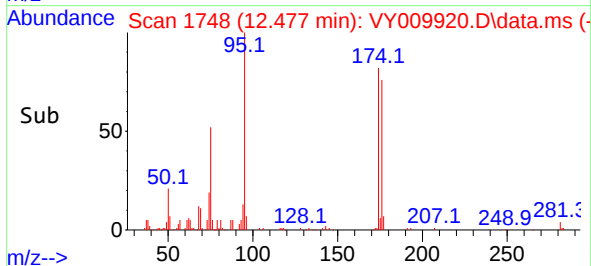
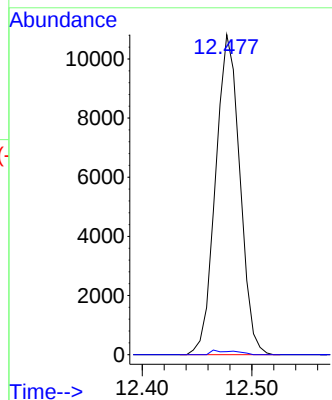
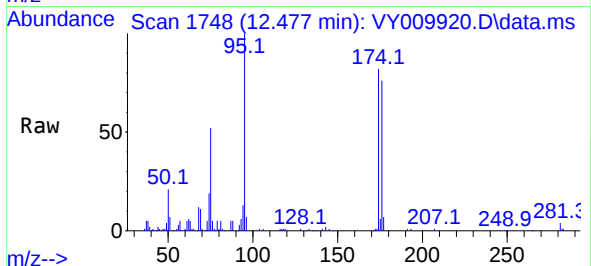




#76
1,2,3-Trichloropropane
Concen: 26.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

Tgt Ion: 75 Resp: 16671
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 75 Resp: 16671
Ion Ratio Lower Upper
75 100
53 0.4 71.4 107.2#
89 0.0 38.1 57.1#

