

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009919.D
 Acq On : 09 Aug 2022 14:58
 Operator : KP/MD
 Sample : N4061-03
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP1-0804

Quant Time: Aug 09 23:06:06 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)

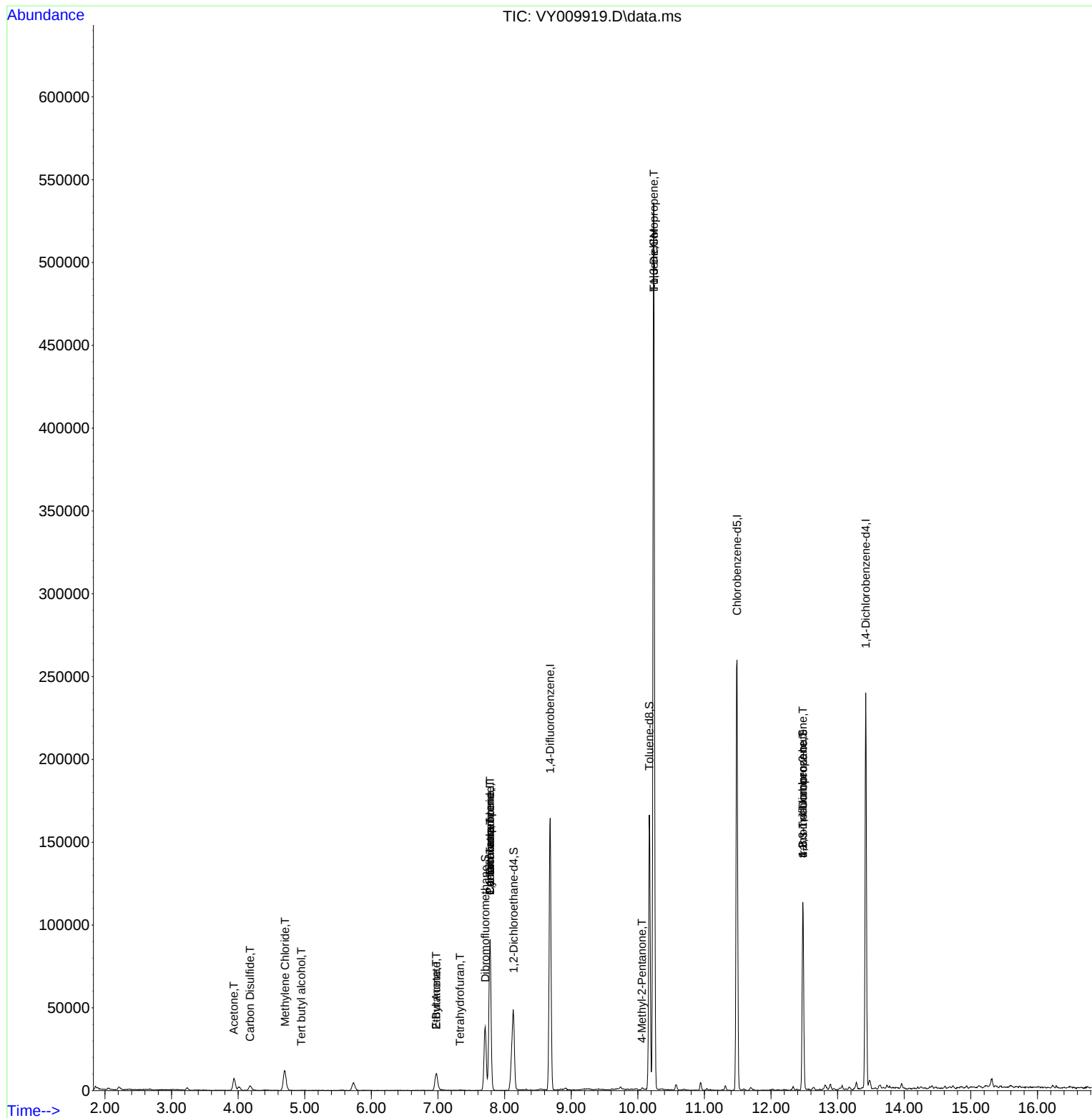
Internal Standards						
1) Pentafluorobenzene	7.783	168	68307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29559	55.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.920%
35) Dibromofluoromethane	7.710	113	27108	36.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.200%
50) Toluene-d8	10.173	98	102648	44.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.477	95	32883	31.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.720%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	120	1.550	ug/l #	78
16) Acetone	3.936	43	12692	65.870	ug/l	91
17) Carbon Disulfide	4.180	76	5026	2.428	ug/l	97
18) Methyl Acetate	4.472	43	291	Below Cal	#	52
20) Methylene Chloride	4.704	84	8861	1.113	ug/l	95
25) 2-Butanone	6.972	43	4963	15.641	ug/l	93
29) Tetrahydrofuran	7.332	42	208	1.004	ug/l #	33
31) Cyclohexane	7.783	56	1654	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5752	4.540	ug/l #	48
37) Ethyl Acetate	6.972	43	4963	5.904	ug/l #	82
38) Carbon Tetrachloride	7.783	117	6826	5.428	ug/l #	18
51) 4-Methyl-2-Pentanone	10.063	43	1070	1.294	ug/l	93
52) Toluene	10.240	92	213754	90.934	ug/l	100
53) t-1,3-Dichloropropene	10.240	75	2414	1.822	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	17037	27.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17037	54.986	ug/l #	13

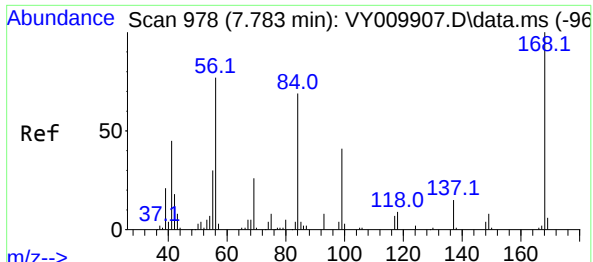
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY009919.D
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Operator : KP/MD
Sample : N4061-03
Misc : 3.65g/5.0mL/MSVOA_Y/SOIL
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COMP1-0804

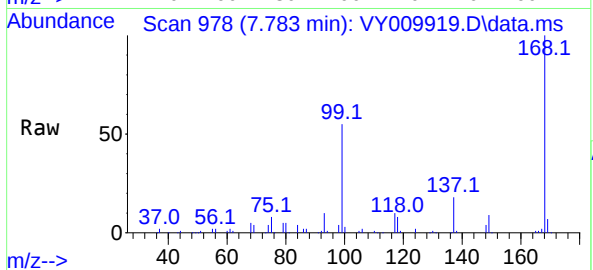
Quant Time: Aug 09 23:06:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



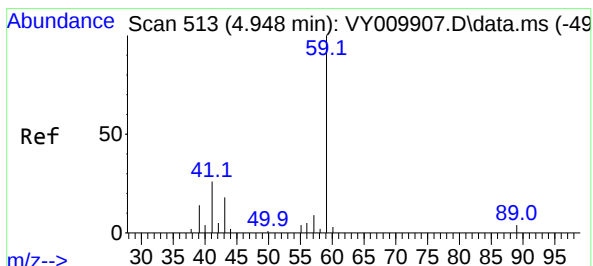
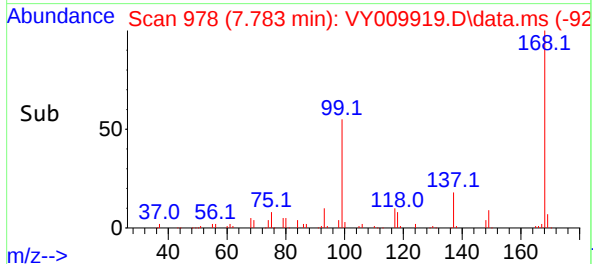
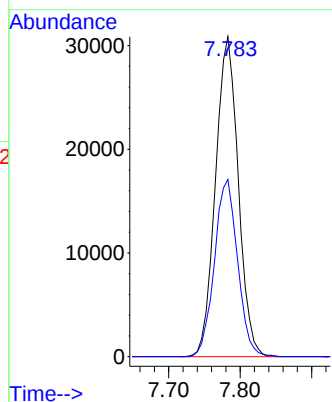


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

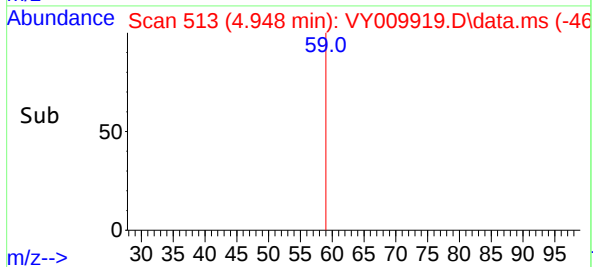
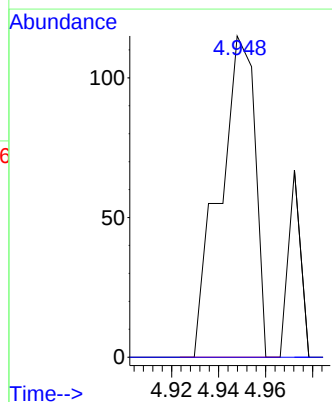
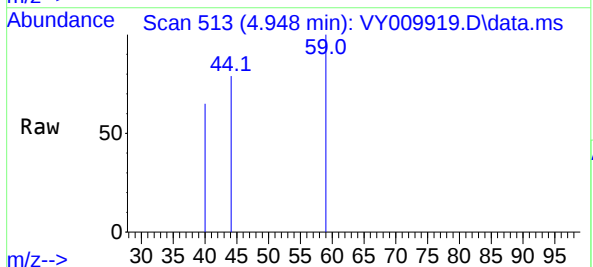


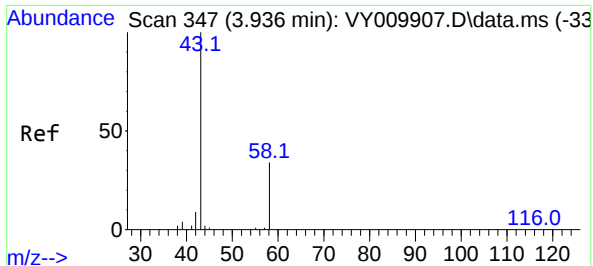
Tgt Ion:168 Resp: 68307
Ion Ratio Lower Upper
168 100
99 55.3 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.550 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 65.870 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

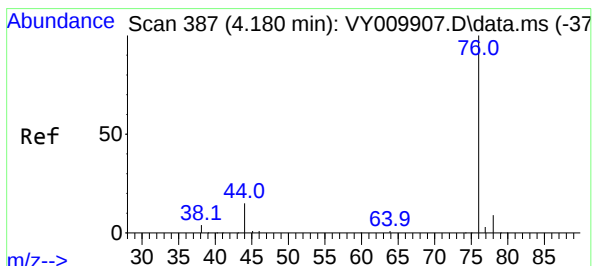
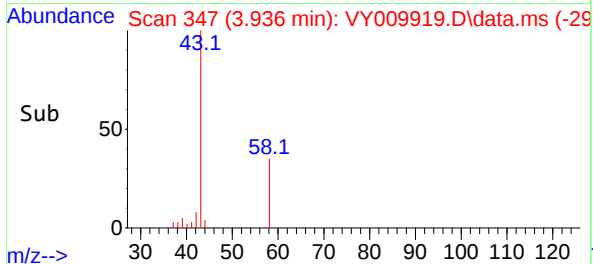
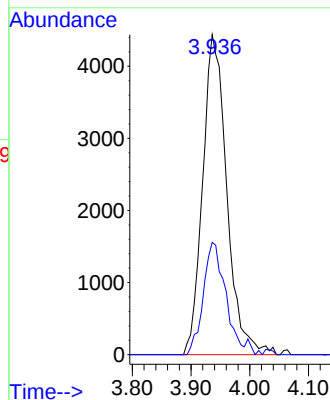
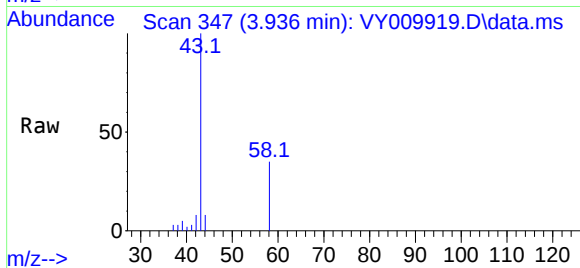
COMP1-0804

Tgt Ion: 43 Resp: 12692

Ion Ratio Lower Upper

43 100

58 35.1 24.0 36.0



#17

Carbon Disulfide

Concen: 2.428 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.007 min

Lab File: VY009919.D

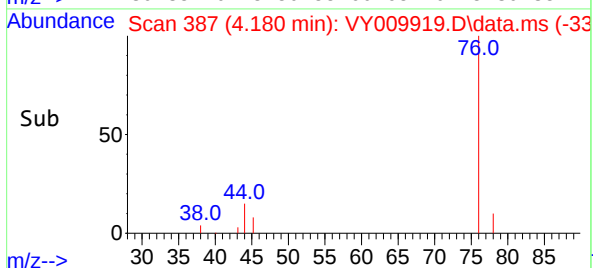
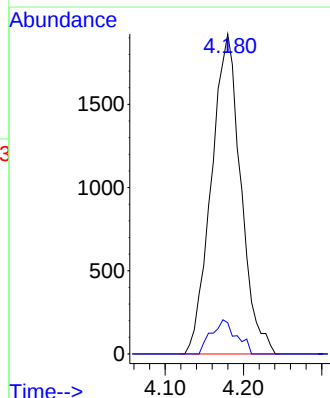
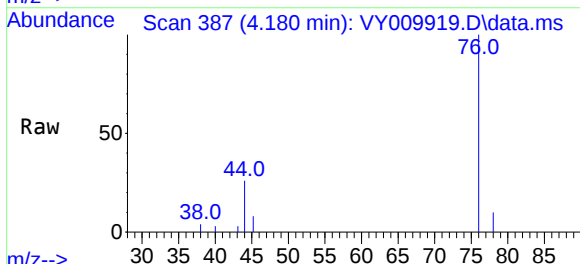
Acq: 09 Aug 2022 14:58

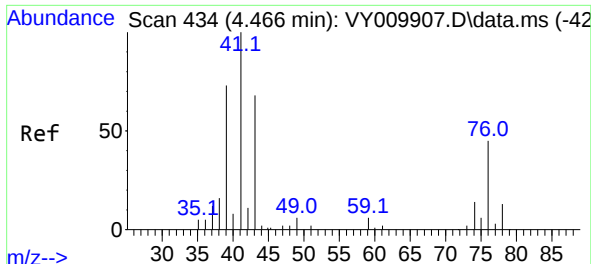
Tgt Ion: 76 Resp: 5026

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2

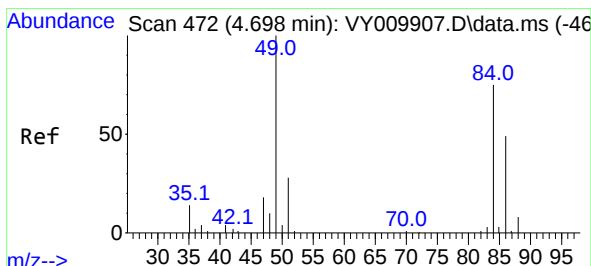
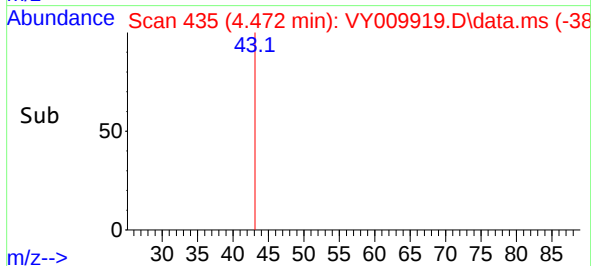
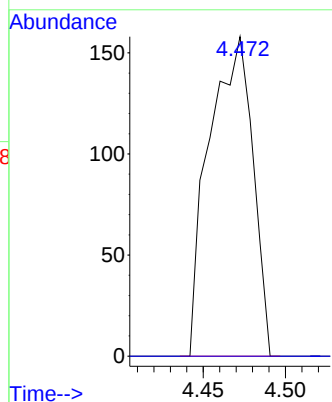
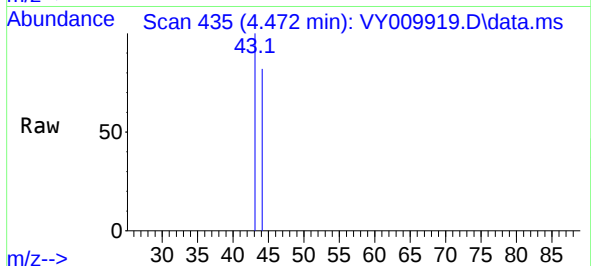




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

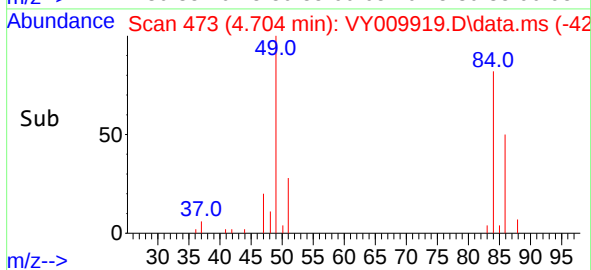
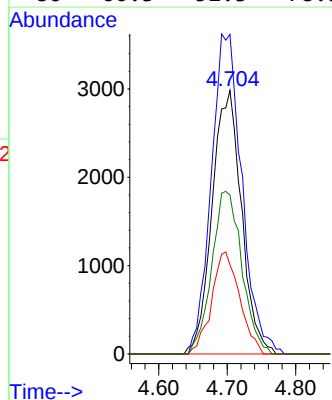
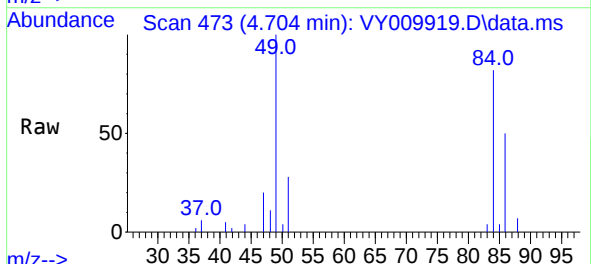
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

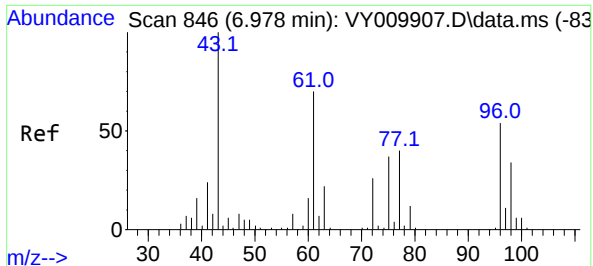
Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.113 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 84 Resp: 8861
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.4
51 33.8 33.4 50.0
86 60.3 52.3 78.5





#25

2-Butanone

Concen: 15.641 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

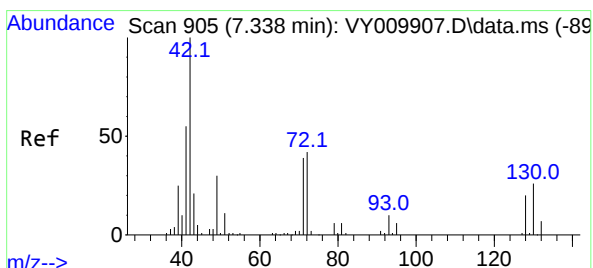
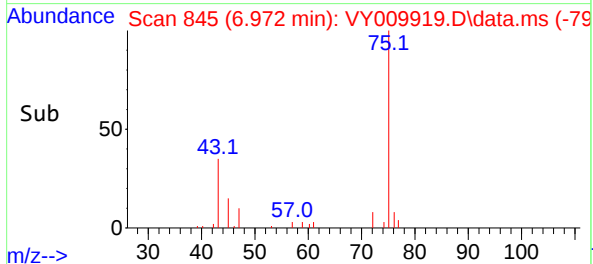
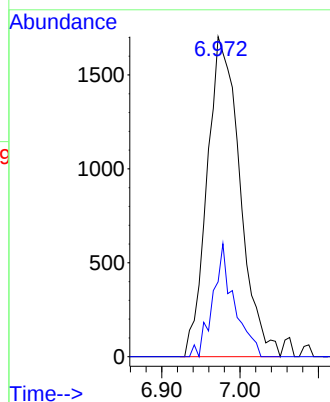
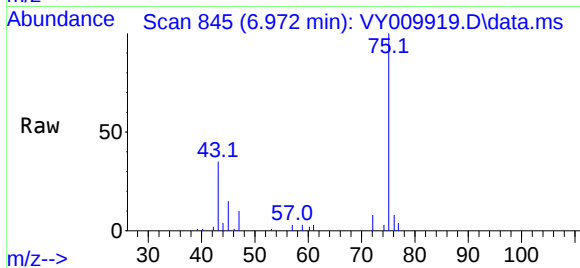
COMP1-0804

Tgt Ion: 43 Resp: 4963

Ion Ratio Lower Upper

43 100

72 23.4 21.5 32.3



#29

Tetrahydrofuran

Concen: 1.004 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.005 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

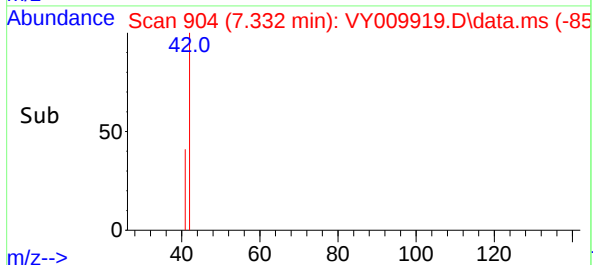
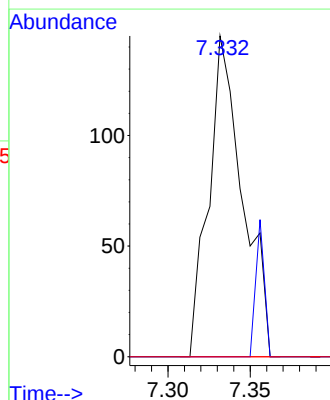
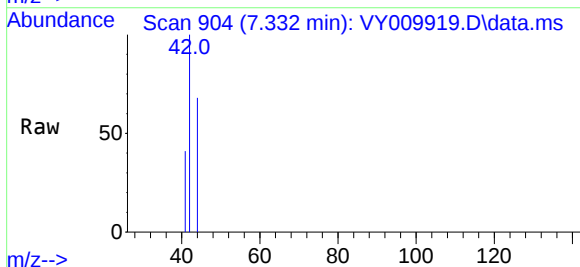
Tgt Ion: 42 Resp: 208

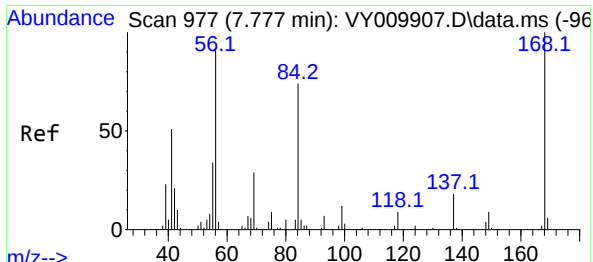
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 32.7 49.1#

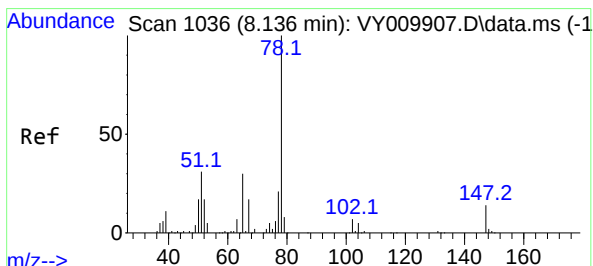
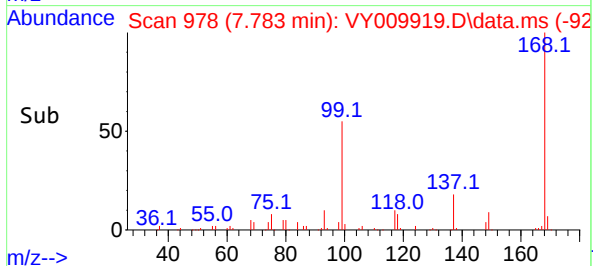
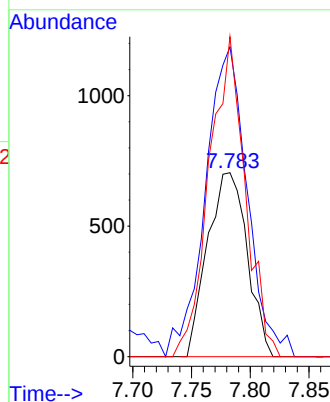
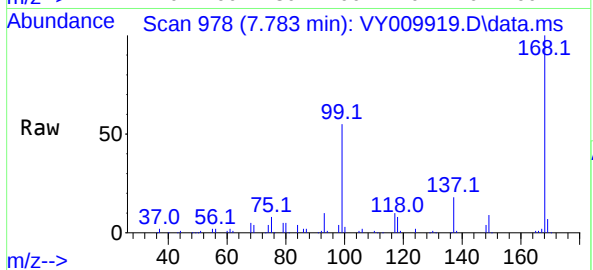




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

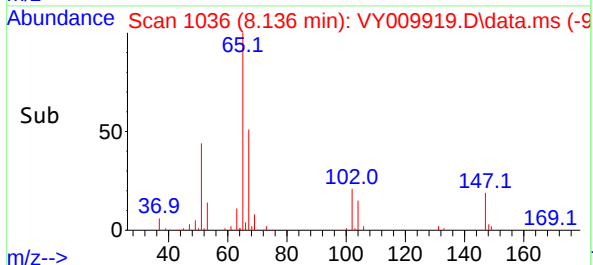
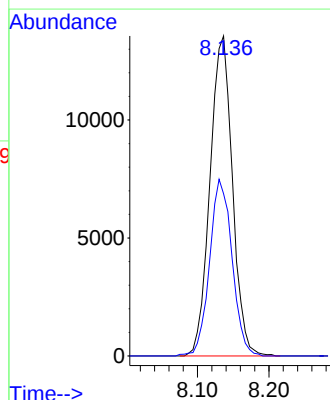
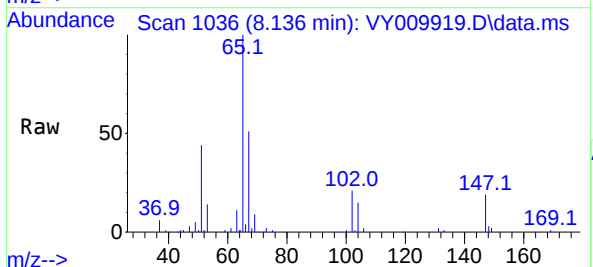
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

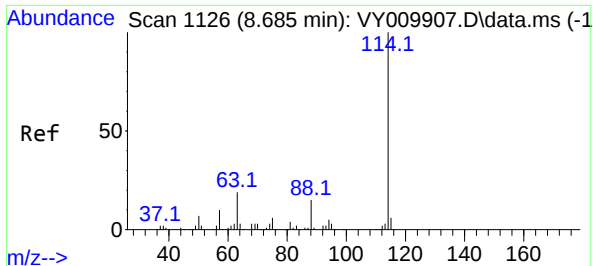
Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
69 161.0 26.0 39.0#
84 173.9 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 55.962 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 65 Resp: 29559
Ion Ratio Lower Upper
65 100
67 55.4 0.0 108.4

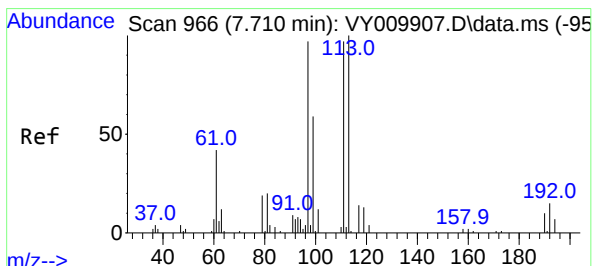
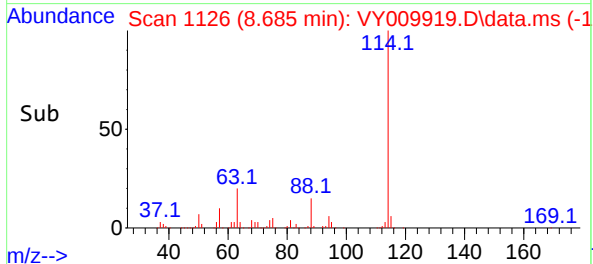
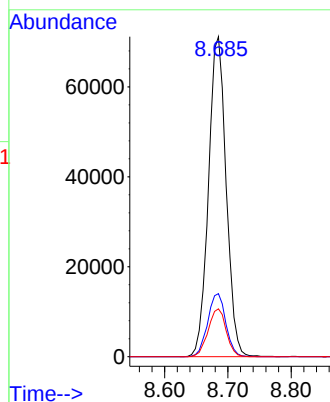
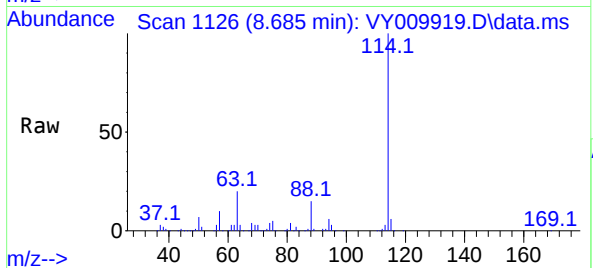




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

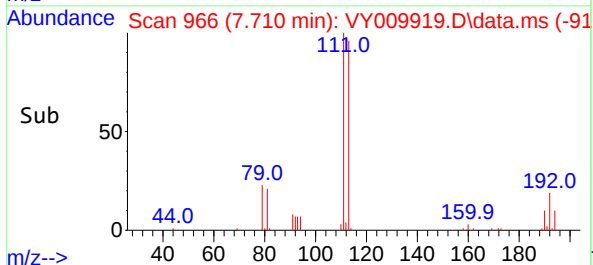
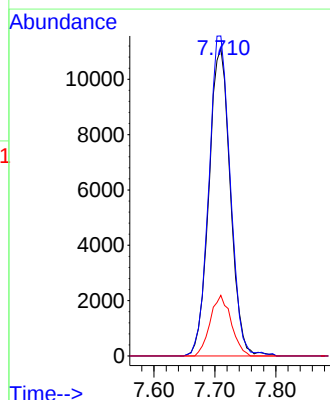
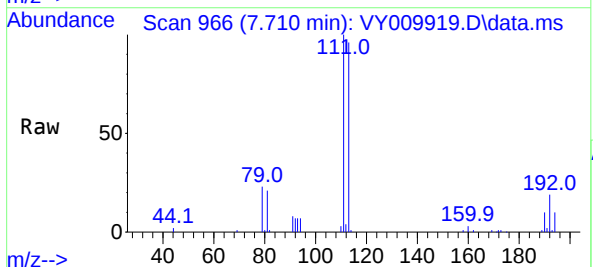
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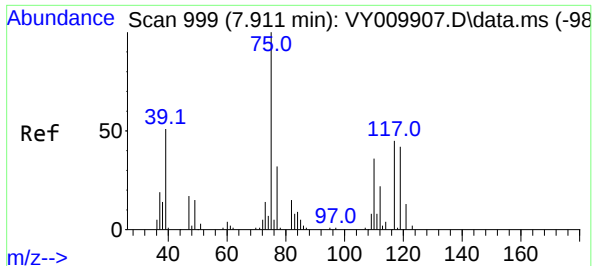
Tgt Ion:114 Resp: 138324
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.0
88 14.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 36.101 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion:113 Resp: 27108
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 19.3 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.540 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

COMP1-0804

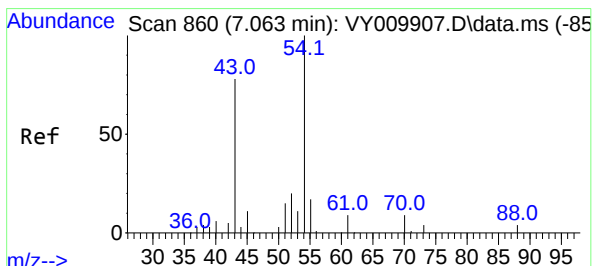
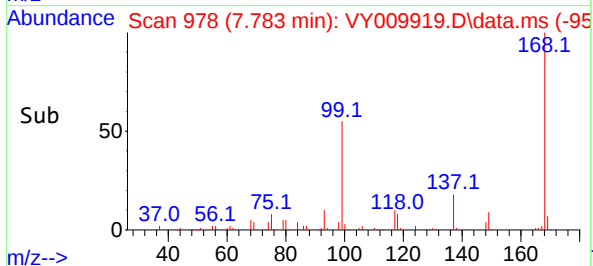
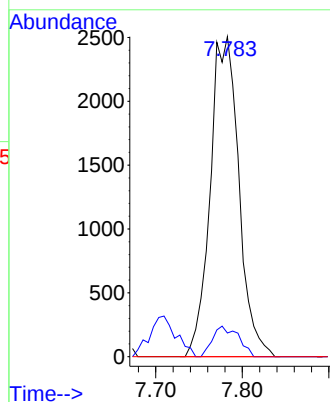
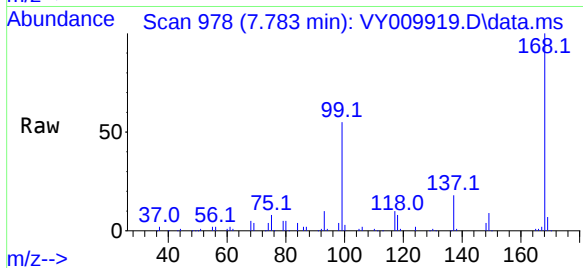
Tgt Ion: 75 Resp: 5752

Ion Ratio Lower Upper

75 100

110 8.6 18.6 56.0#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 5.904 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.091 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

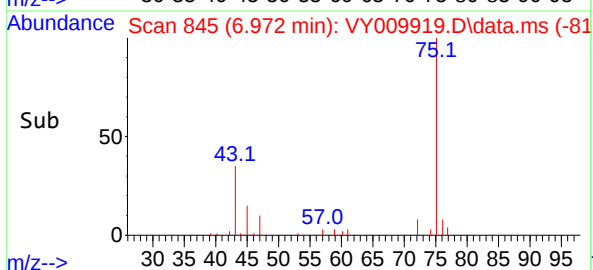
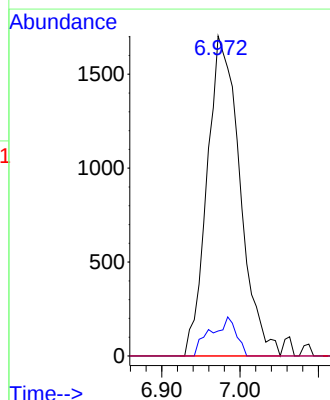
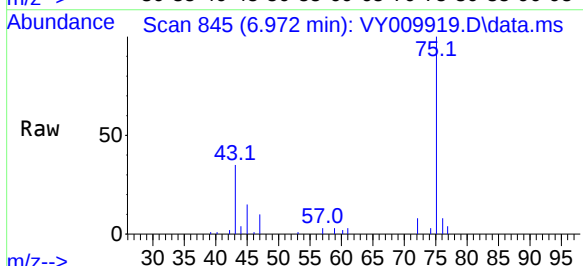
Tgt Ion: 43 Resp: 4963

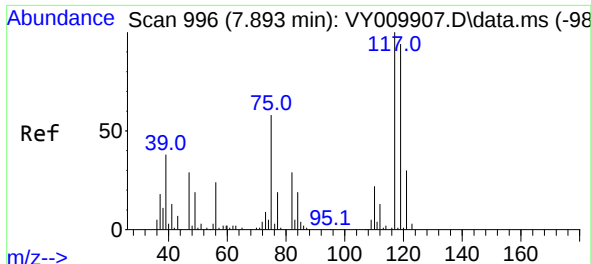
Ion Ratio Lower Upper

43 100

61 9.4 11.2 16.8#

70 0.0 8.4 12.6#

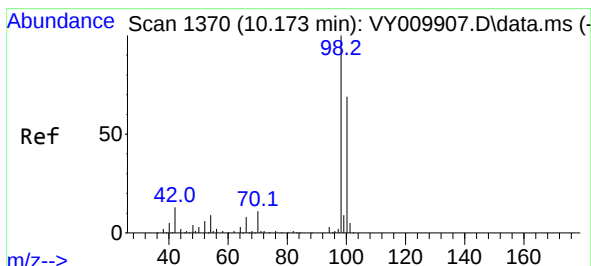
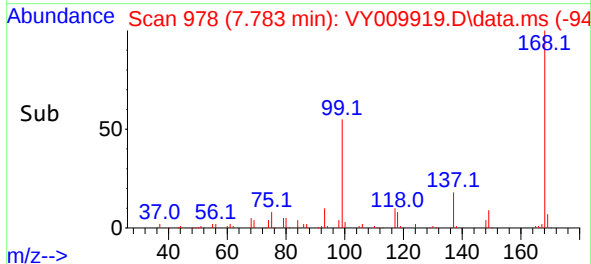
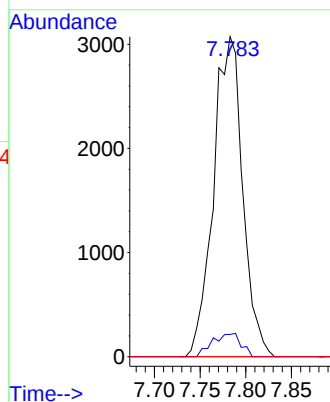
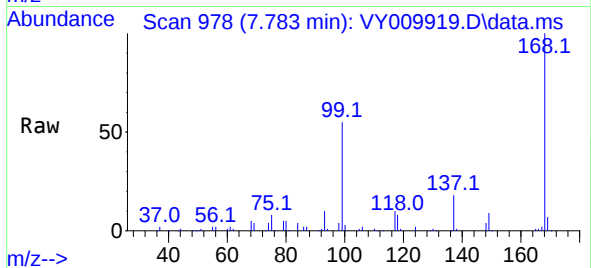




#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

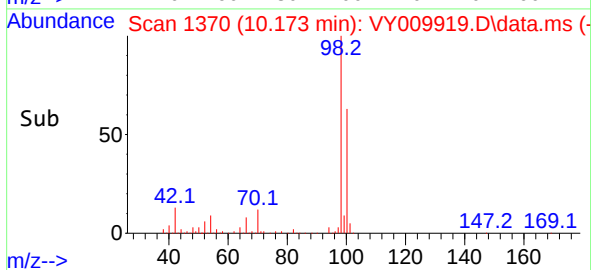
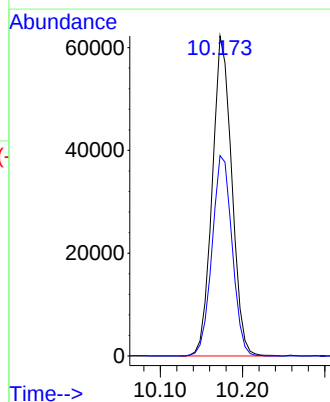
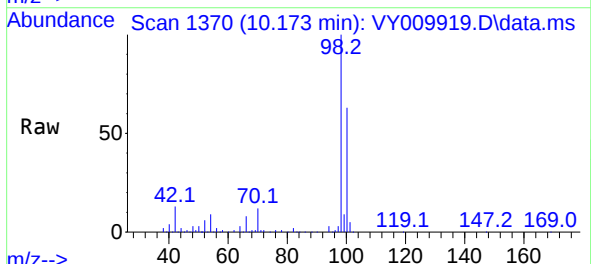
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

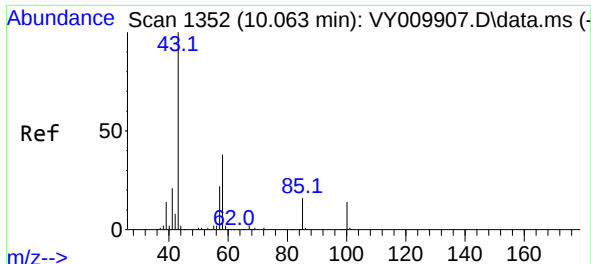
Tgt Ion:117 Resp: 6826
Ion Ratio Lower Upper
117 100
119 7.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 44.372 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 98 Resp: 102648
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3

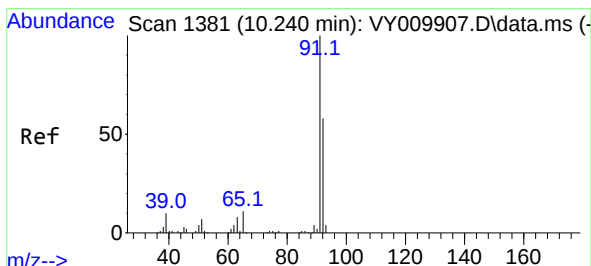
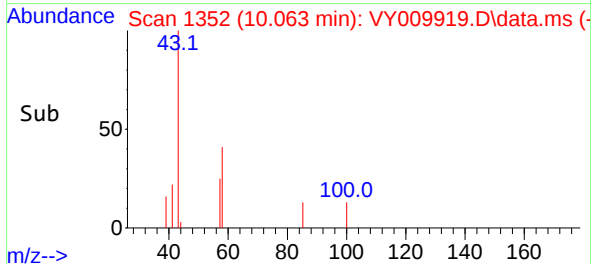
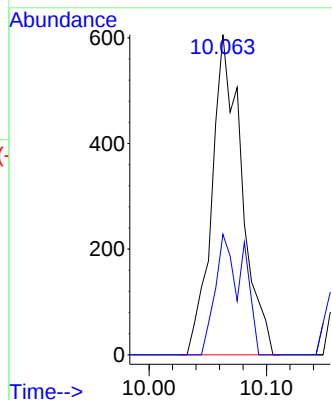
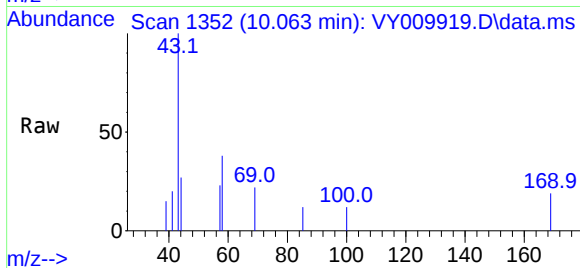




#51
4-Methyl-2-Pentanone
Concen: 1.294 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

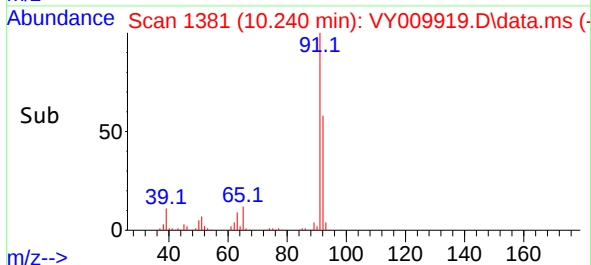
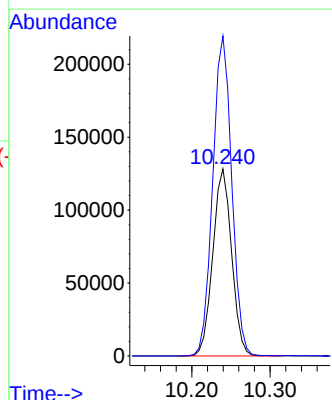
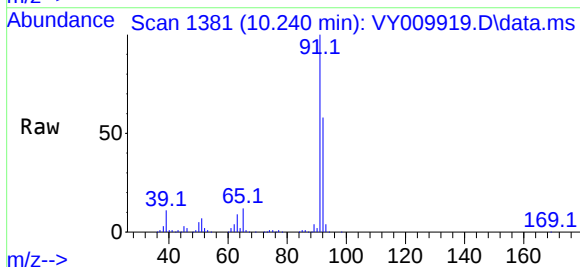
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

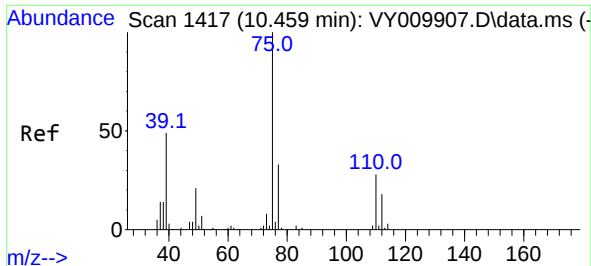
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 34.9 31.5 47.3



#52
Toluene
Concen: 90.934 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 92 Resp: 213754
Ion Ratio Lower Upper
92 100
91 172.9 138.7 208.1

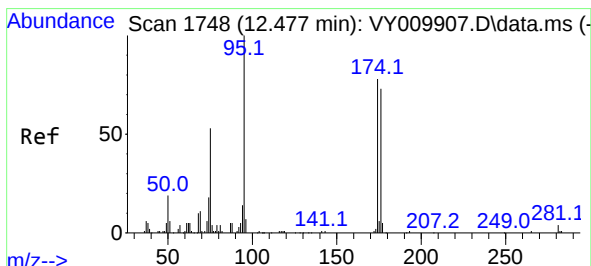
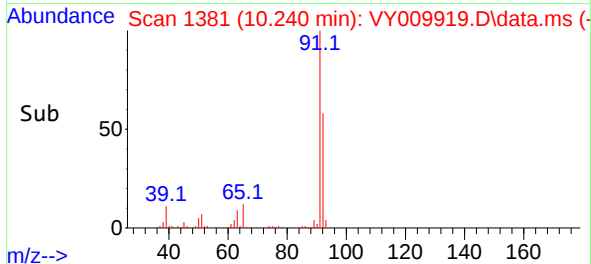
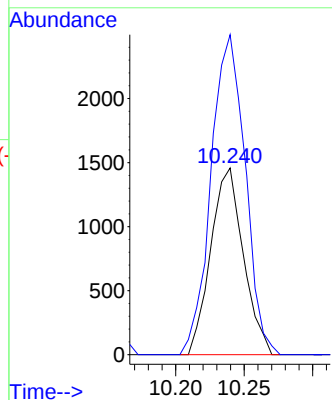
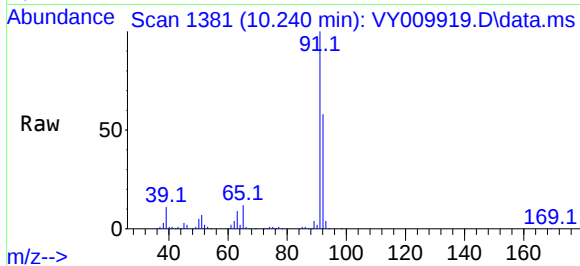




#53
t-1,3-Dichloropropene
Concen: 1.822 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.219 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

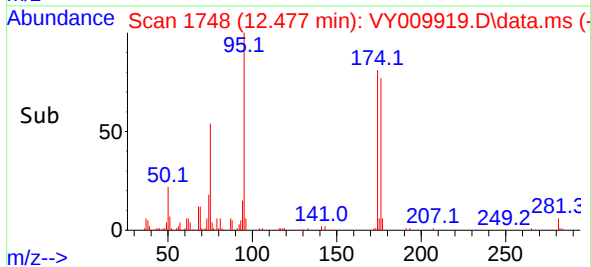
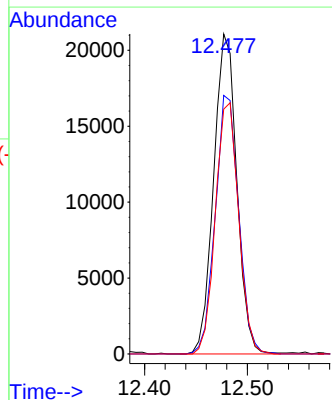
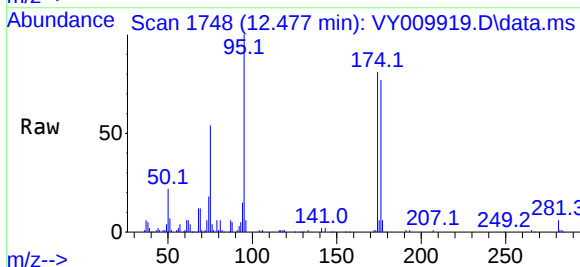
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

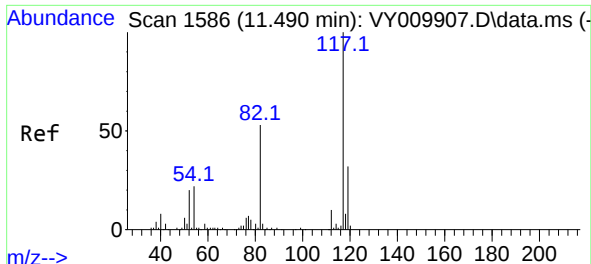
Tgt Ion: 75 Resp: 2414
Ion Ratio Lower Upper
75 100
77 171.4 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 31.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

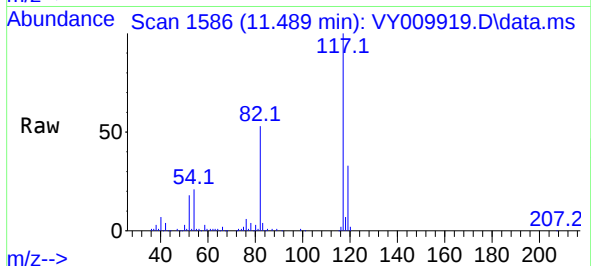
Tgt Ion: 95 Resp: 32883
Ion Ratio Lower Upper
95 100
174 81.7 0.0 173.8
176 78.9 0.0 167.0



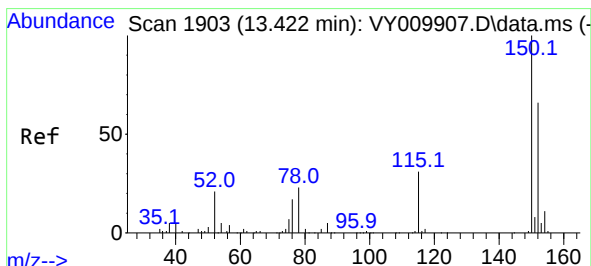
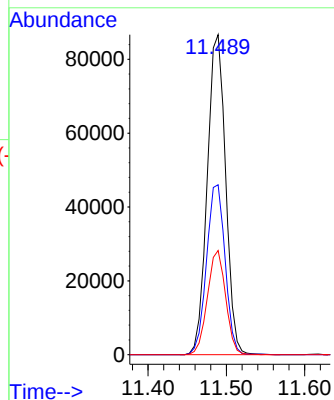
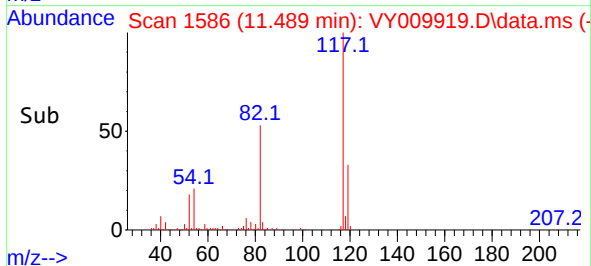


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

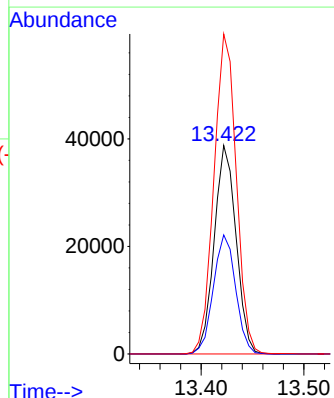
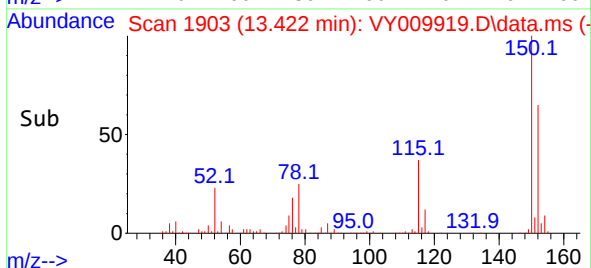
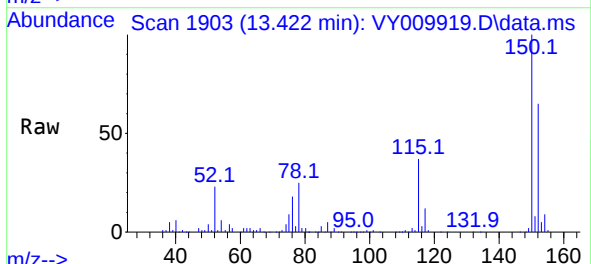


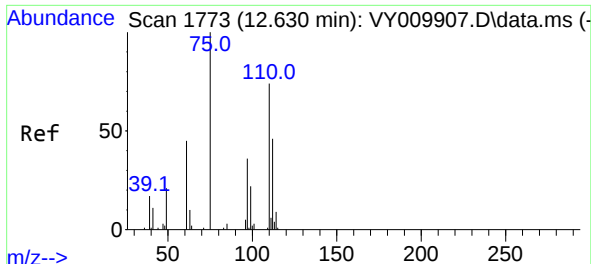
Tgt Ion:117 Resp: 140974
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion:152 Resp: 57256
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.9
150 157.2 0.0 349.8

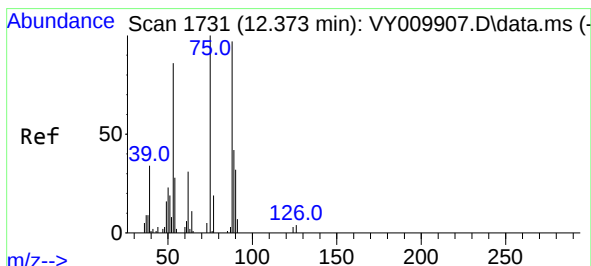
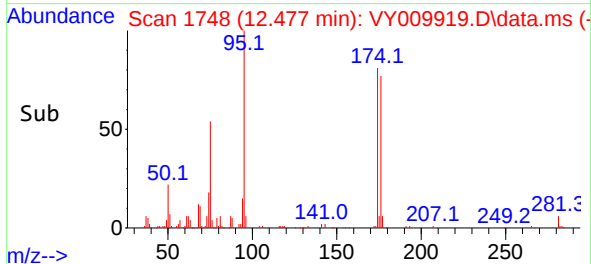
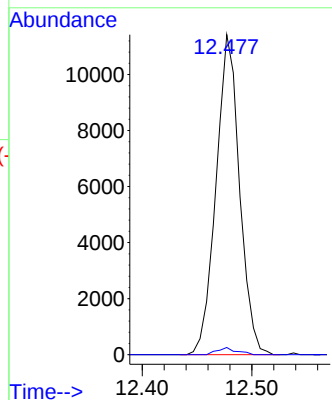
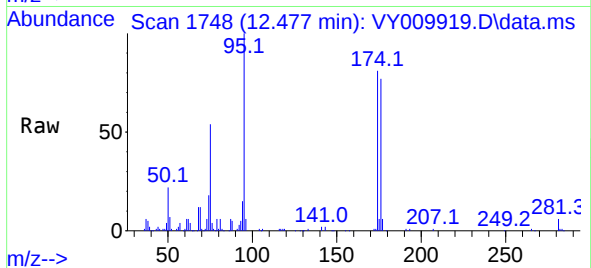




#76
1,2,3-Trichloropropane
Concen: 27.197 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

Tgt Ion: 75 Resp: 17037
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 75 Resp: 17037
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 38.1 57.1#

