

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009862.D
 Acq On : 05 Aug 2022 19:45
 Operator : KP/MD
 Sample : N4064-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01

Quant Time: Aug 06 01:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

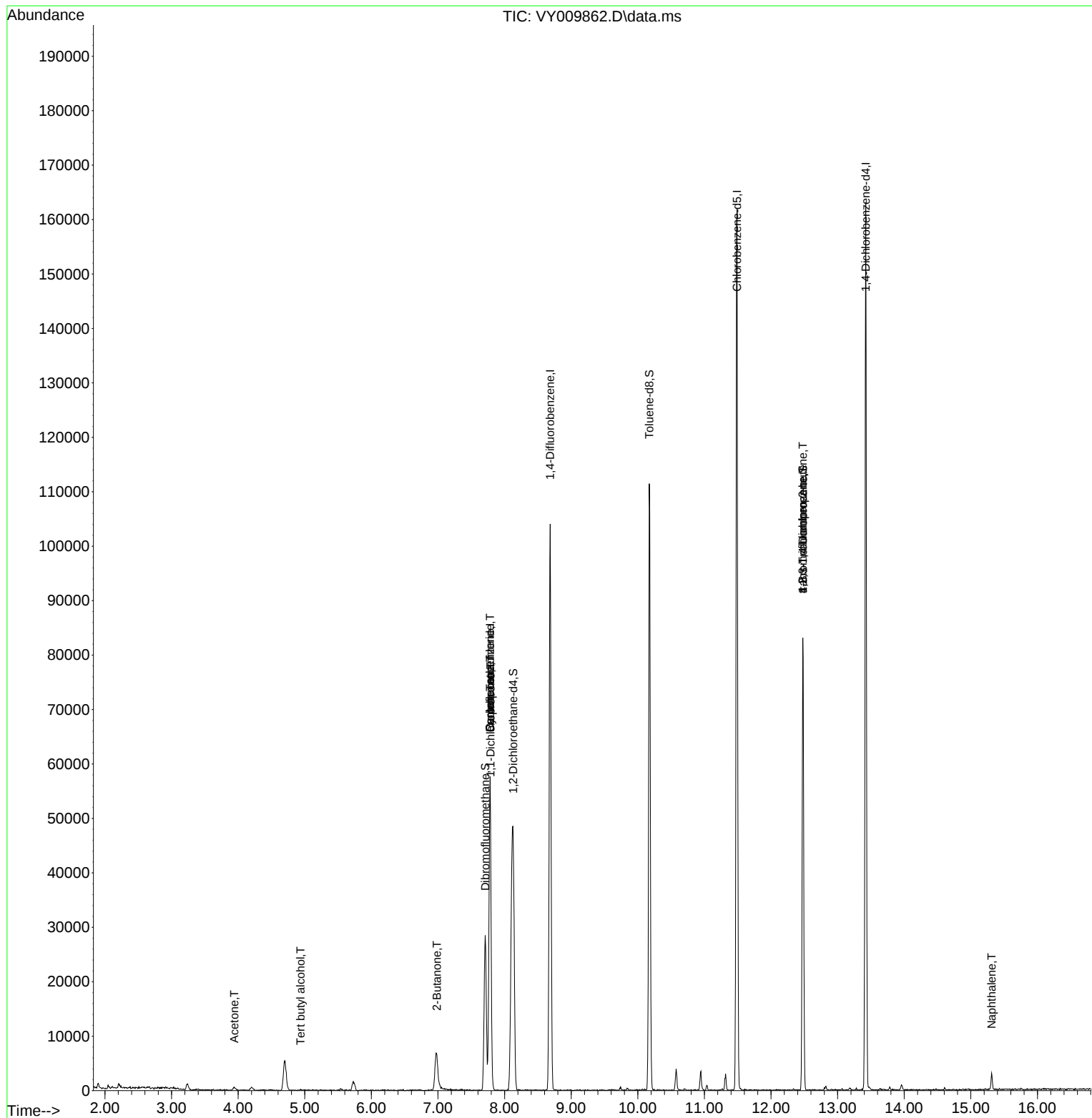
Internal Standards						
1) Pentafluorobenzene	7.783	168	42846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21634	63.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.000%	
35) Dibromofluoromethane	7.710	113	19320	36.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.940%	
50) Toluene-d8	10.173	98	69058	44.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 88.420%	
62) 4-Bromofluorobenzene	12.477	95	23019	32.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 65.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	729	Below Cal		93
11) Tert butyl alcohol	4.936	59	99	2.176 ug/l	#	78
16) Acetone	3.942	43	1029	8.484 ug/l		97
20) Methylene Chloride	4.698	84	3700	Below Cal		97
25) 2-Butanone	6.984	43	452	2.278 ug/l	#	53
31) Cyclohexane	7.783	56	1010	1.246 ug/l	#	8
36) 1,1-Dichloropropene	7.789	75	3565	4.112 ug/l	#	49
38) Carbon Tetrachloride	7.783	117	4227	4.636 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	12241	28.224 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12241	60.575 ug/l	#	12
95) Naphthalene	15.312	128	64	5.458 ug/l	#	69

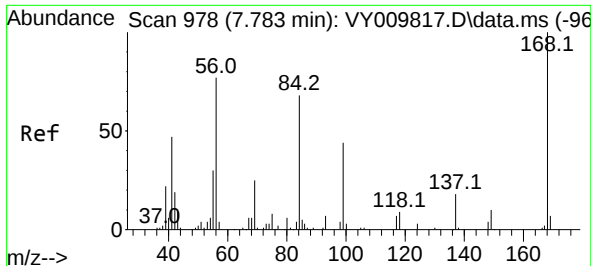
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
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Quant Title : SW846 8260
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Response via : Initial Calibration

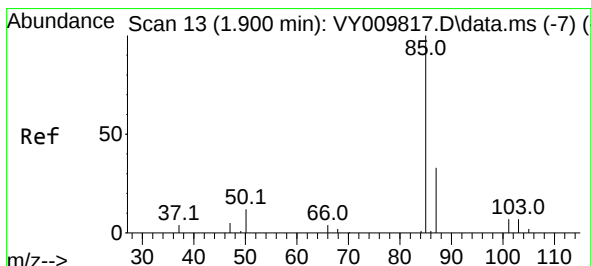
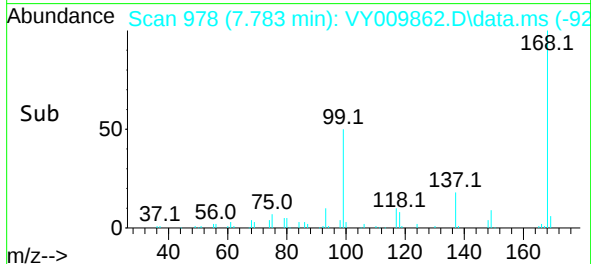
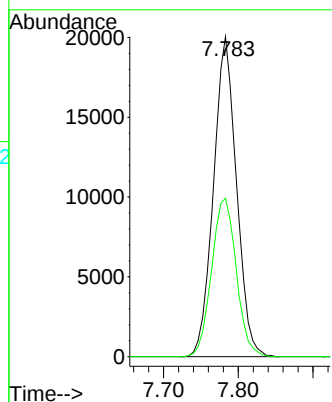
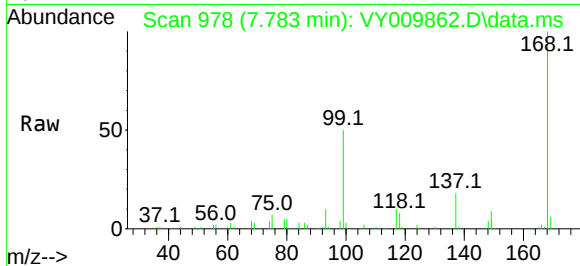




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

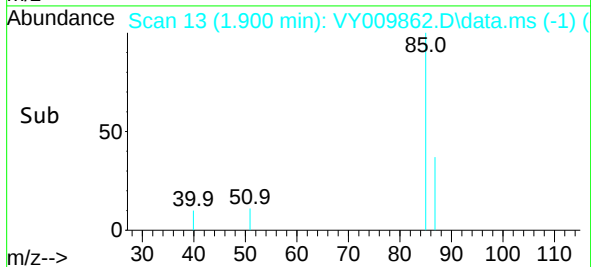
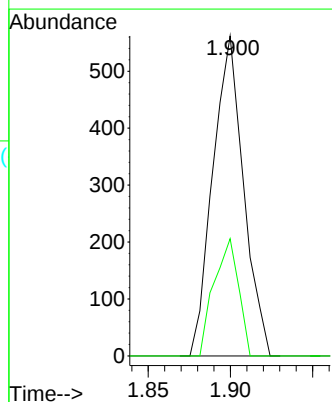
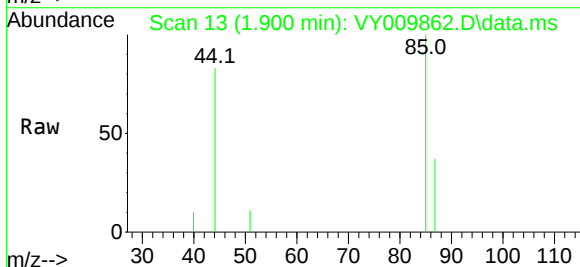
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

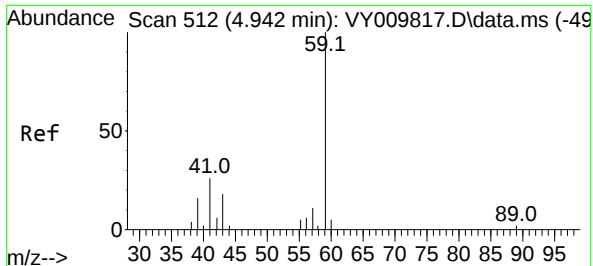
Tgt Ion:168 Resp: 42846
Ion Ratio Lower Upper
168 100
99 49.5 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 85 Resp: 729
Ion Ratio Lower Upper
85 100
87 36.7 16.4 49.2





#11

Tert butyl alcohol

Concen: 2.176 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009862.D

Acq: 05 Aug 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

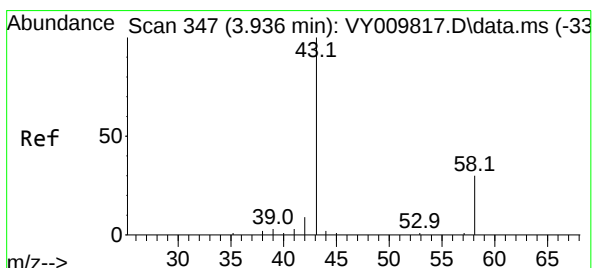
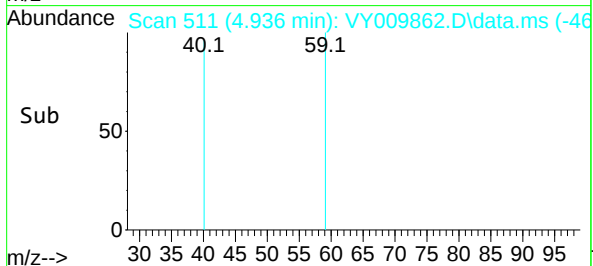
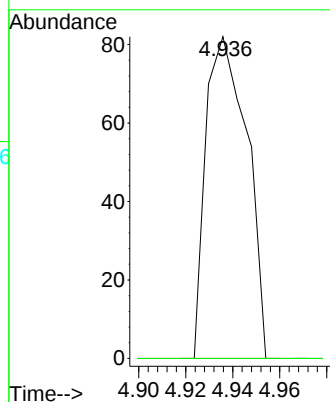
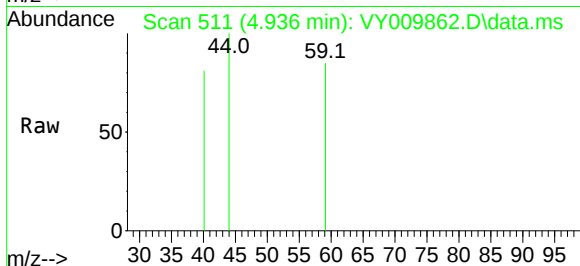
SB-01

Tgt Ion: 59 Resp: 99

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



#16

Acetone

Concen: 8.484 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009862.D

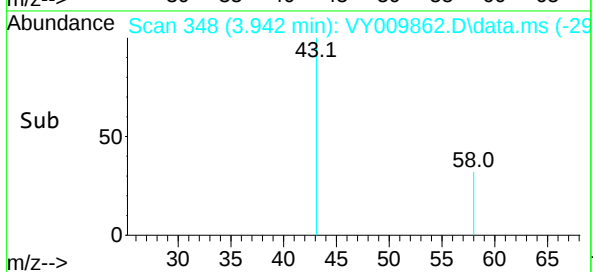
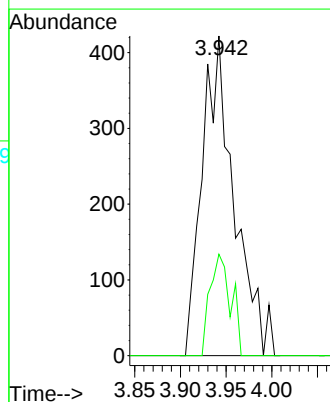
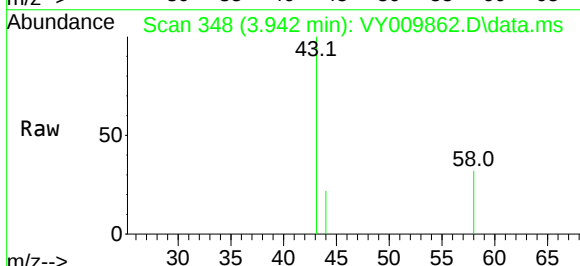
Acq: 05 Aug 2022 19:45

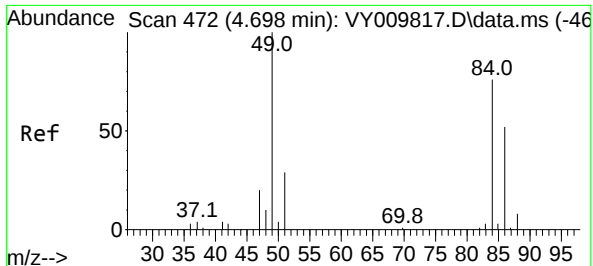
Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

43 100

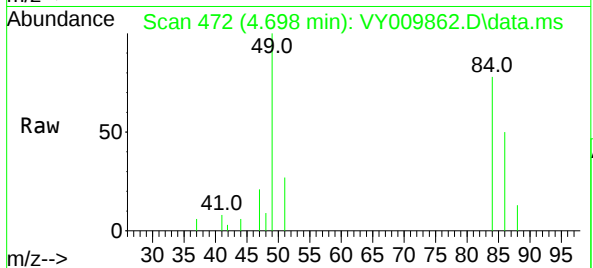
58 31.8 24.1 36.1





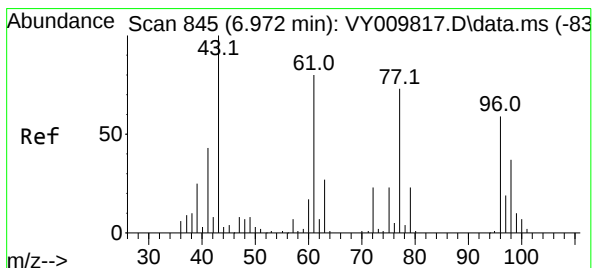
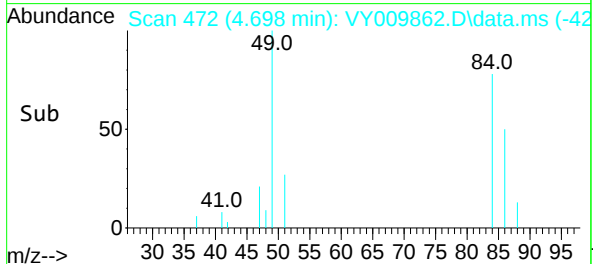
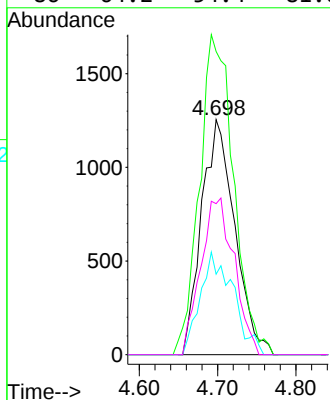
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-01



Tgt Ion: 84 Resp: 3700

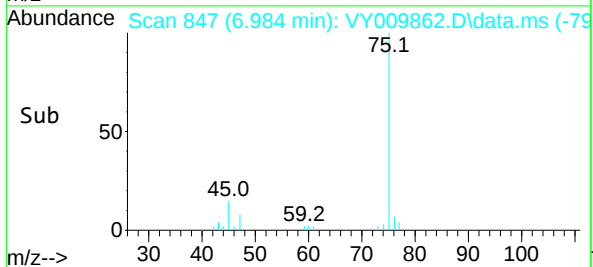
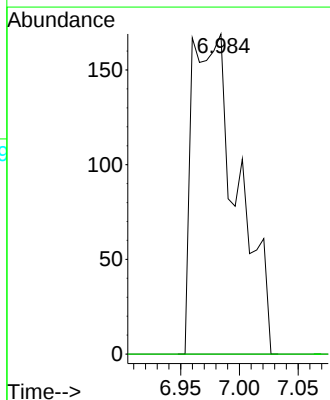
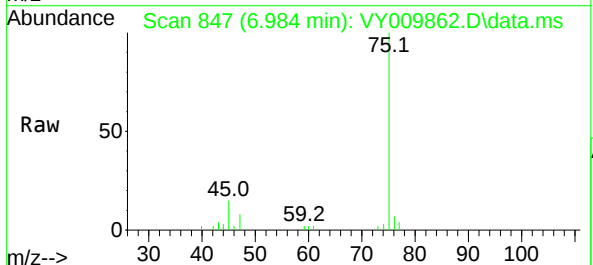
Ion	Ratio	Lower	Upper
84	100		
49	128.9	104.6	156.8
51	34.3	30.9	46.3
86	64.2	54.4	81.6

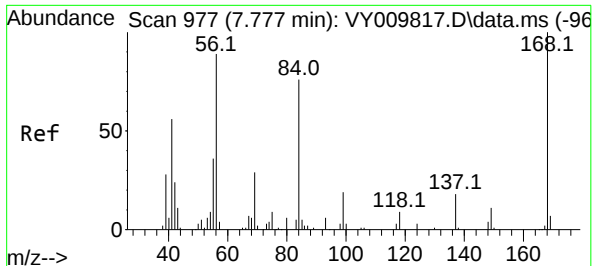


#25
2-Butanone
Concen: 2.278 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 43 Resp: 452

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#

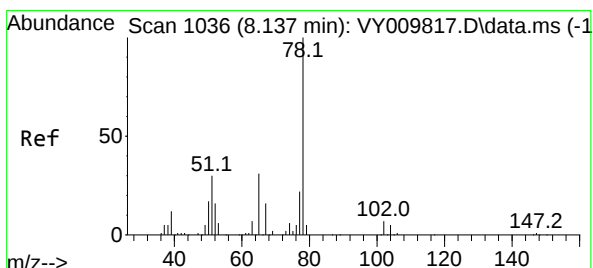
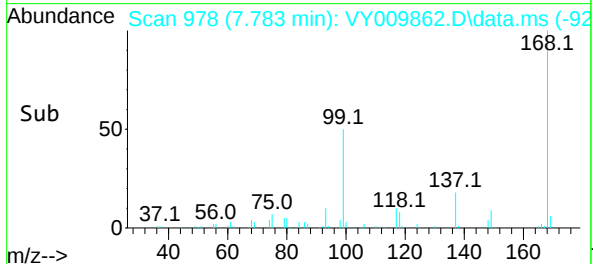
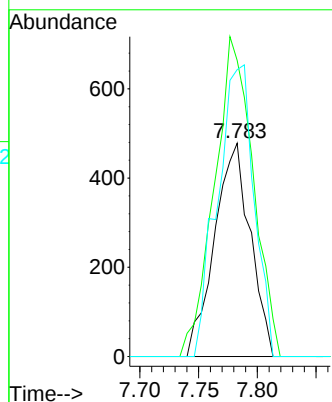
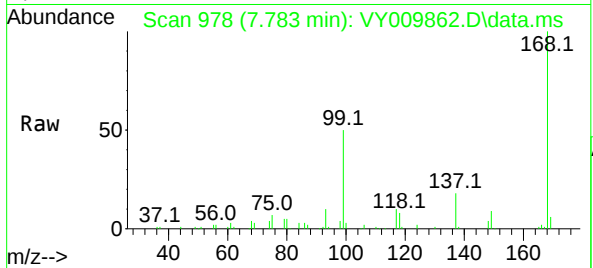




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

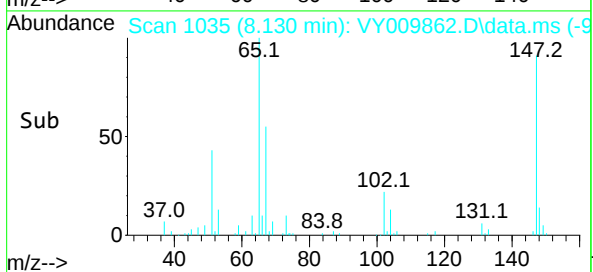
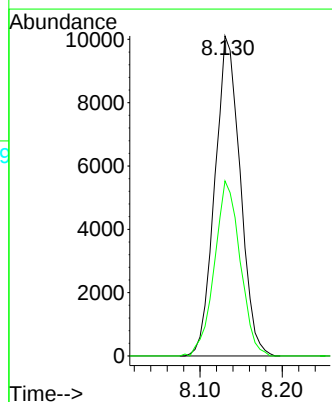
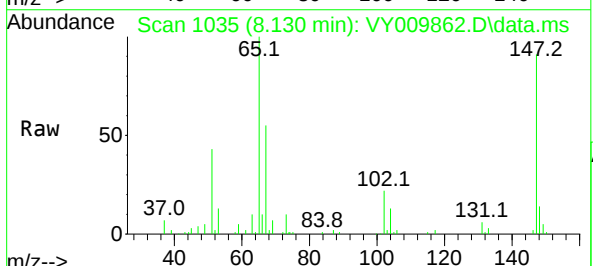
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

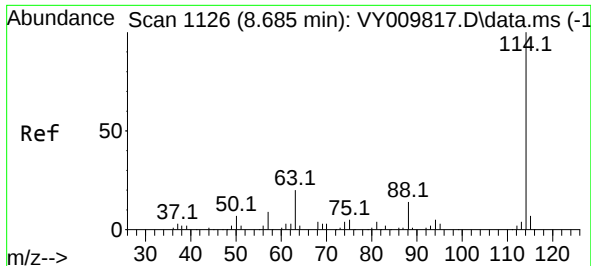
Tgt Ion: 56 Resp: 1010
Ion Ratio Lower Upper
56 100
69 138.9 25.8 38.8#
84 134.5 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 63.000 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 65 Resp: 21634
Ion Ratio Lower Upper
65 100
67 55.6 0.0 112.4

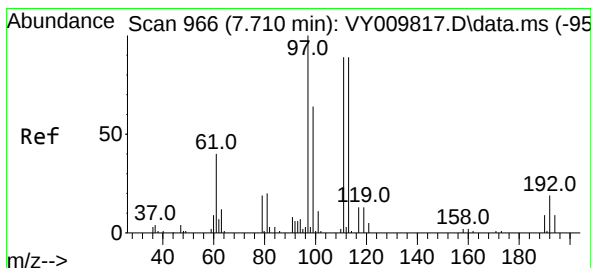
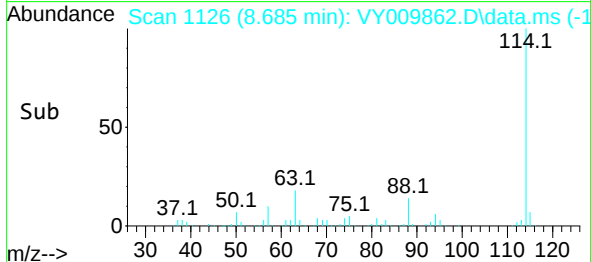
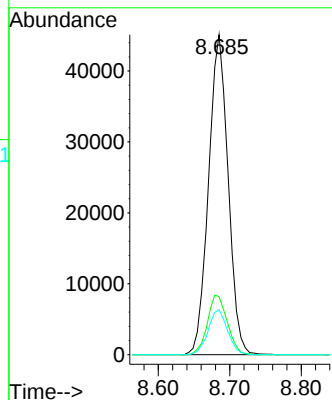
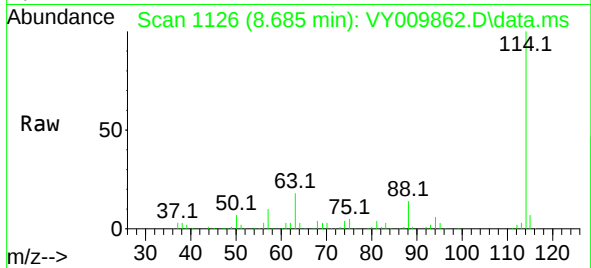




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

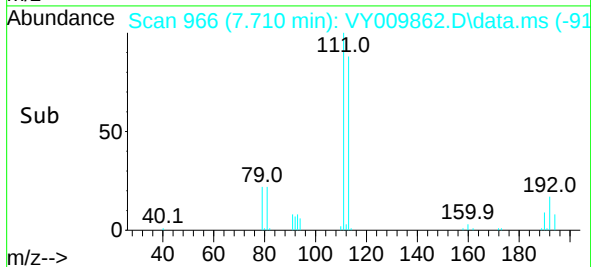
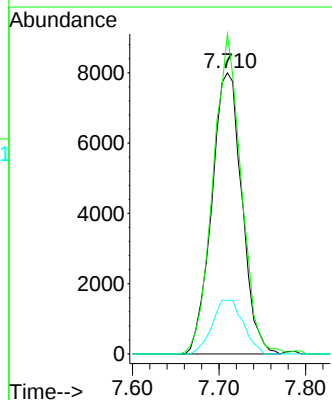
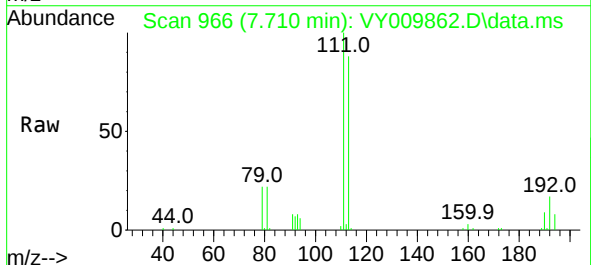
Instrument :
MSVOA_Y
ClientSampleId :
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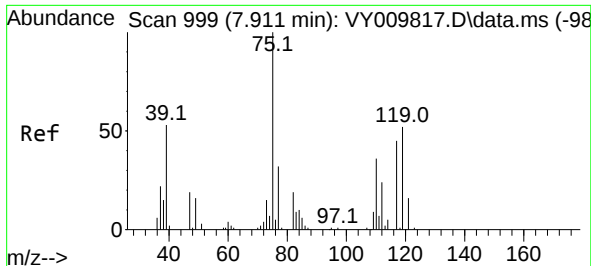
Tgt Ion:	114	Resp:	85709
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	39.2
88	14.1	0.0	27.6



#35
Dibromofluoromethane
Concen: 36.971 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion:	113	Resp:	19320
Ion Ratio	Lower	Upper	
113	100		
111	106.5	82.4	123.6
192	19.7	16.5	24.7





#36

1,1-Dichloropropene

Concen: 4.112 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009862.D

Acq: 05 Aug 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01

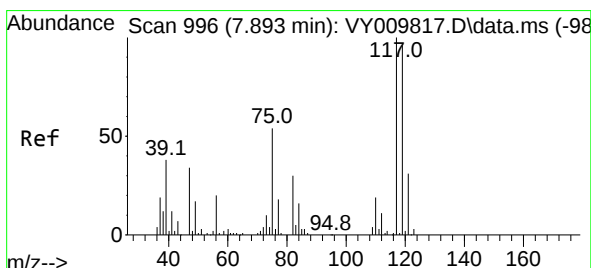
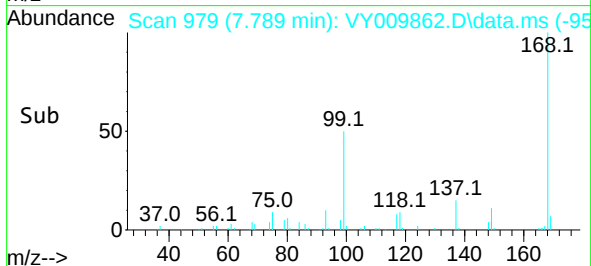
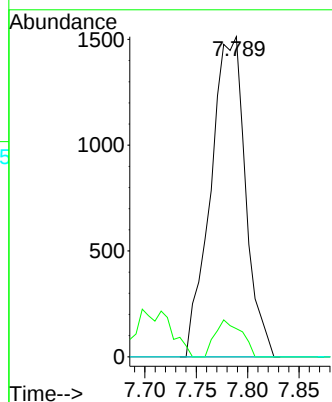
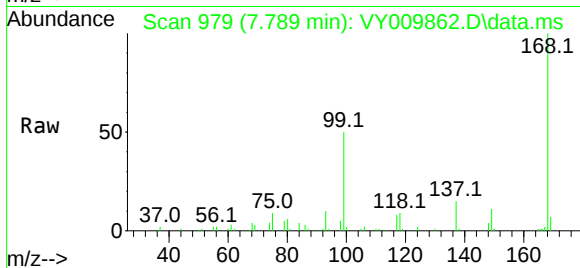
Tgt Ion: 75 Resp: 3565

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.636 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009862.D

Acq: 05 Aug 2022 19:45

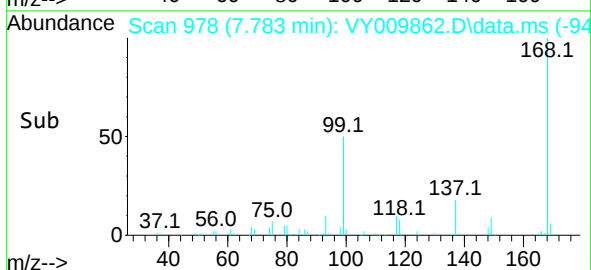
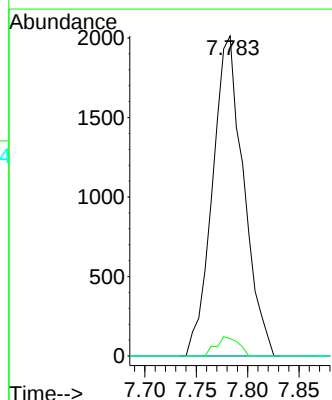
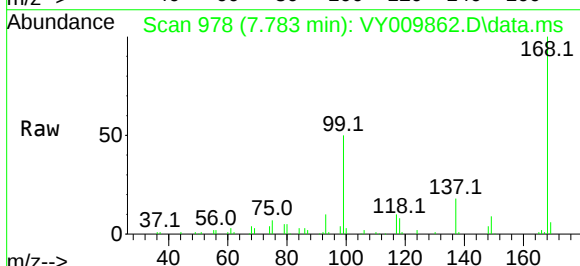
Tgt Ion: 117 Resp: 4227

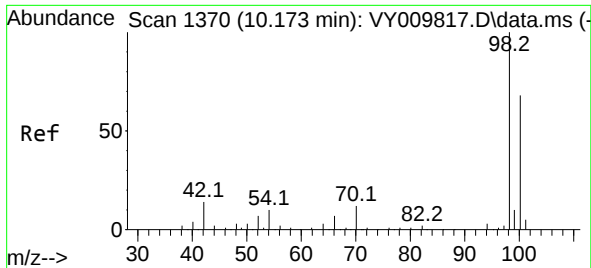
Ion Ratio Lower Upper

117 100

119 5.5 76.8 115.2#

121 0.0 24.9 37.3#

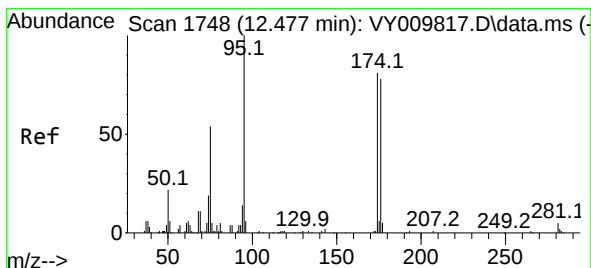
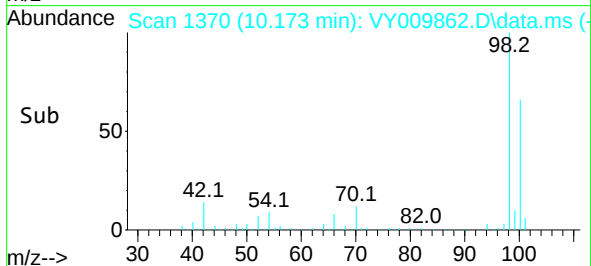
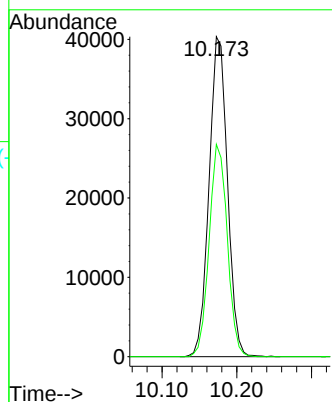
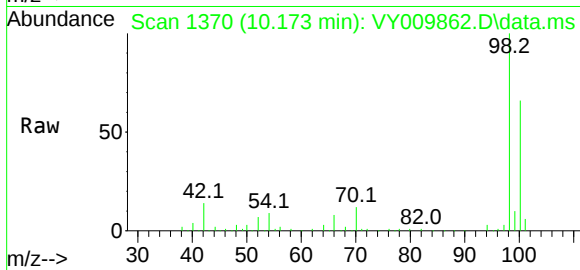




#50
Toluene-d8
Concen: 44.213 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

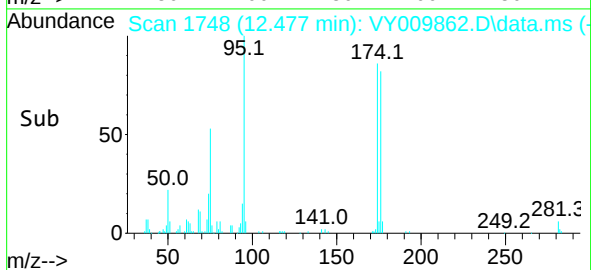
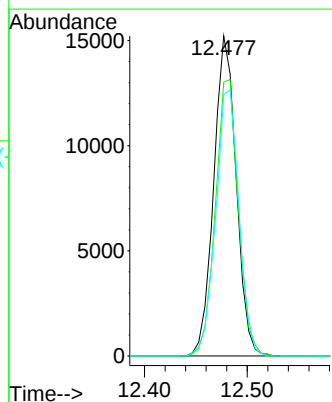
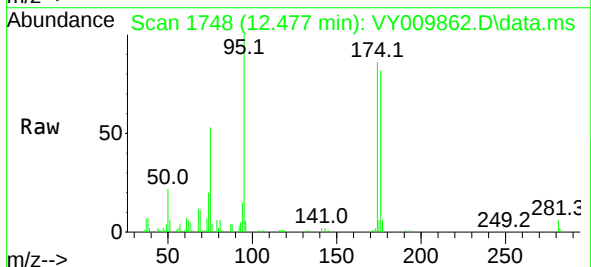
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

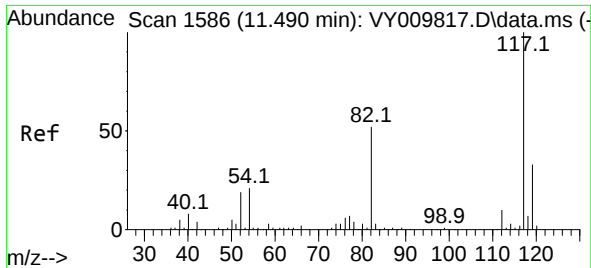
Tgt Ion: 98 Resp: 69058
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 32.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 95 Resp: 23019
Ion Ratio Lower Upper
95 100
174 88.5 0.0 168.6
176 86.2 0.0 163.6

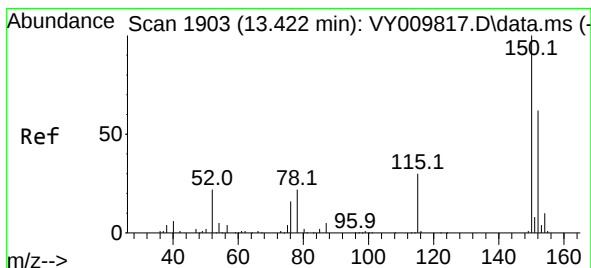
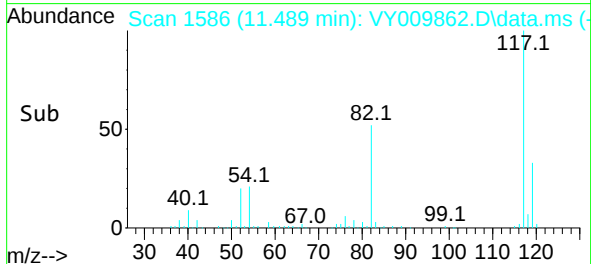
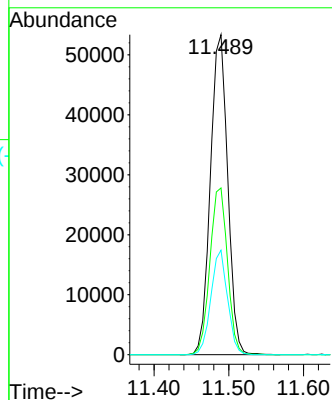
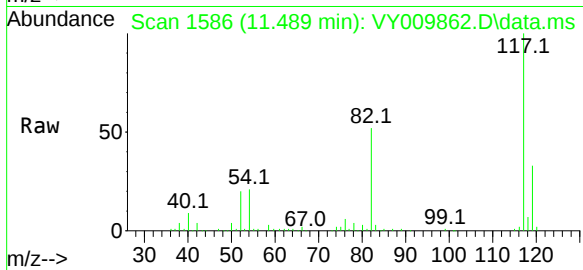




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

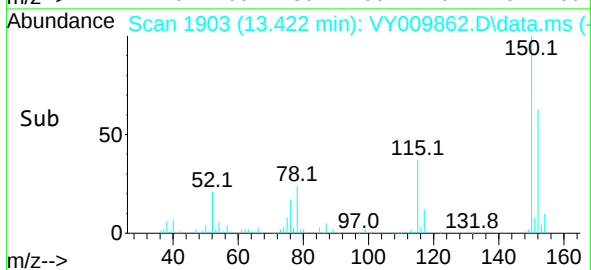
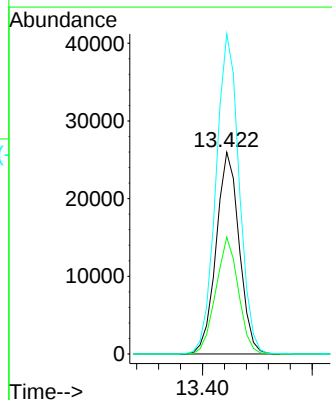
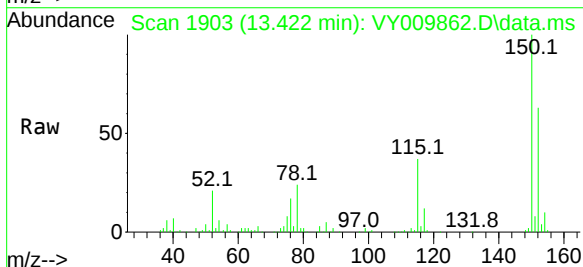
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

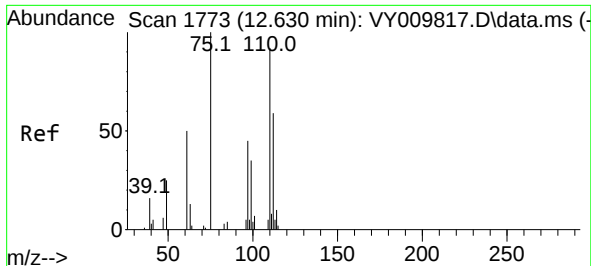
Tgt Ion:117 Resp: 85748
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion:152 Resp: 37914
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 160.1 0.0 354.2

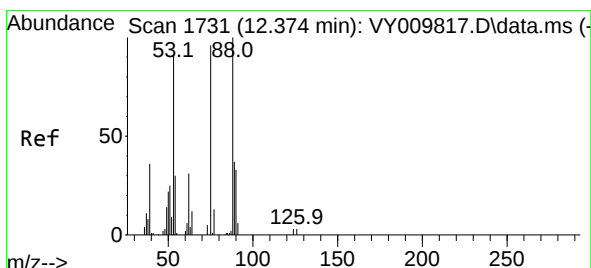
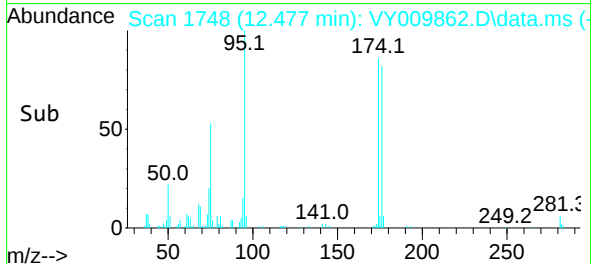
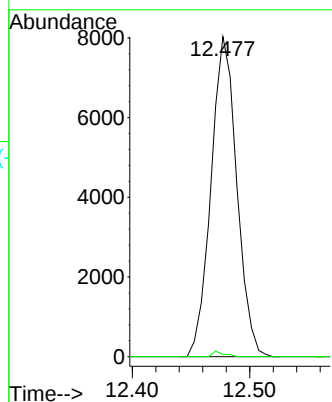
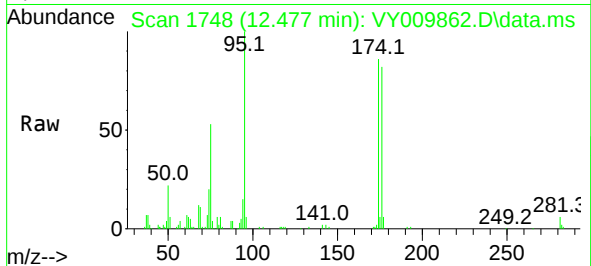




#76
1,2,3-Trichloropropane
Concen: 28.224 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

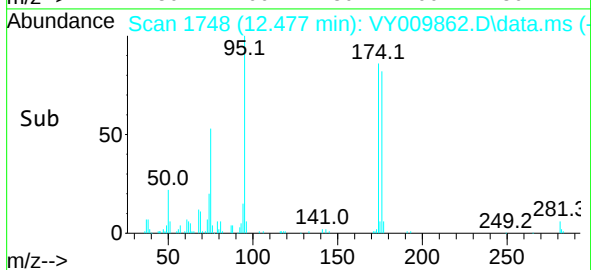
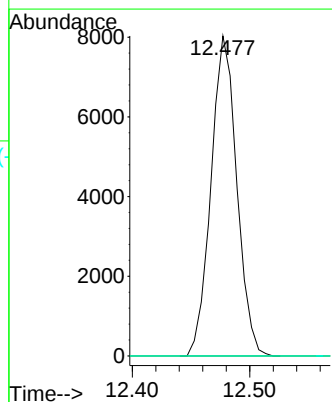
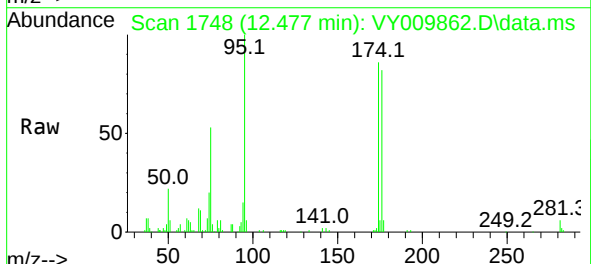
Instrument :
MSVOA_Y
ClientSampleId :
SB-01

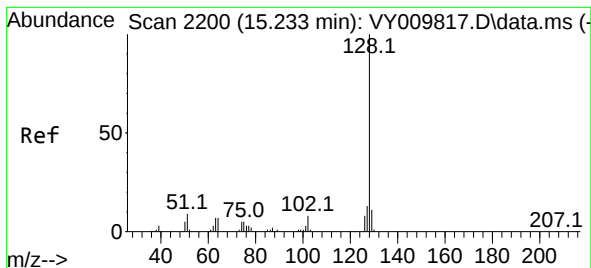
Tgt Ion: 75 Resp: 12241
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009862.D
Acq: 05 Aug 2022 19:45

Tgt Ion: 75 Resp: 12241
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 5.458 ug/l

RT: 15.312 min Scan# 21

Delta R.T. 0.079 min

Lab File: VY009862.D

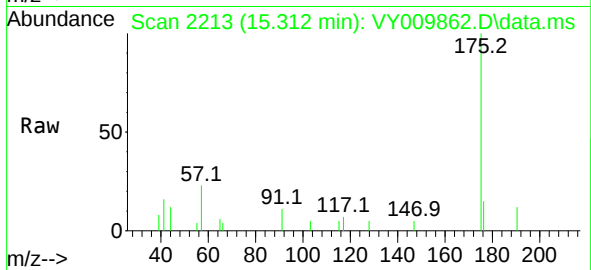
Acq: 05 Aug 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01



Tgt Ion:	128	Resp:	64
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

