

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009864.D
 Acq On : 05 Aug 2022 20:32
 Operator : KP/MD
 Sample : N4064-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18

Quant Time: Aug 06 01:22:20 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)

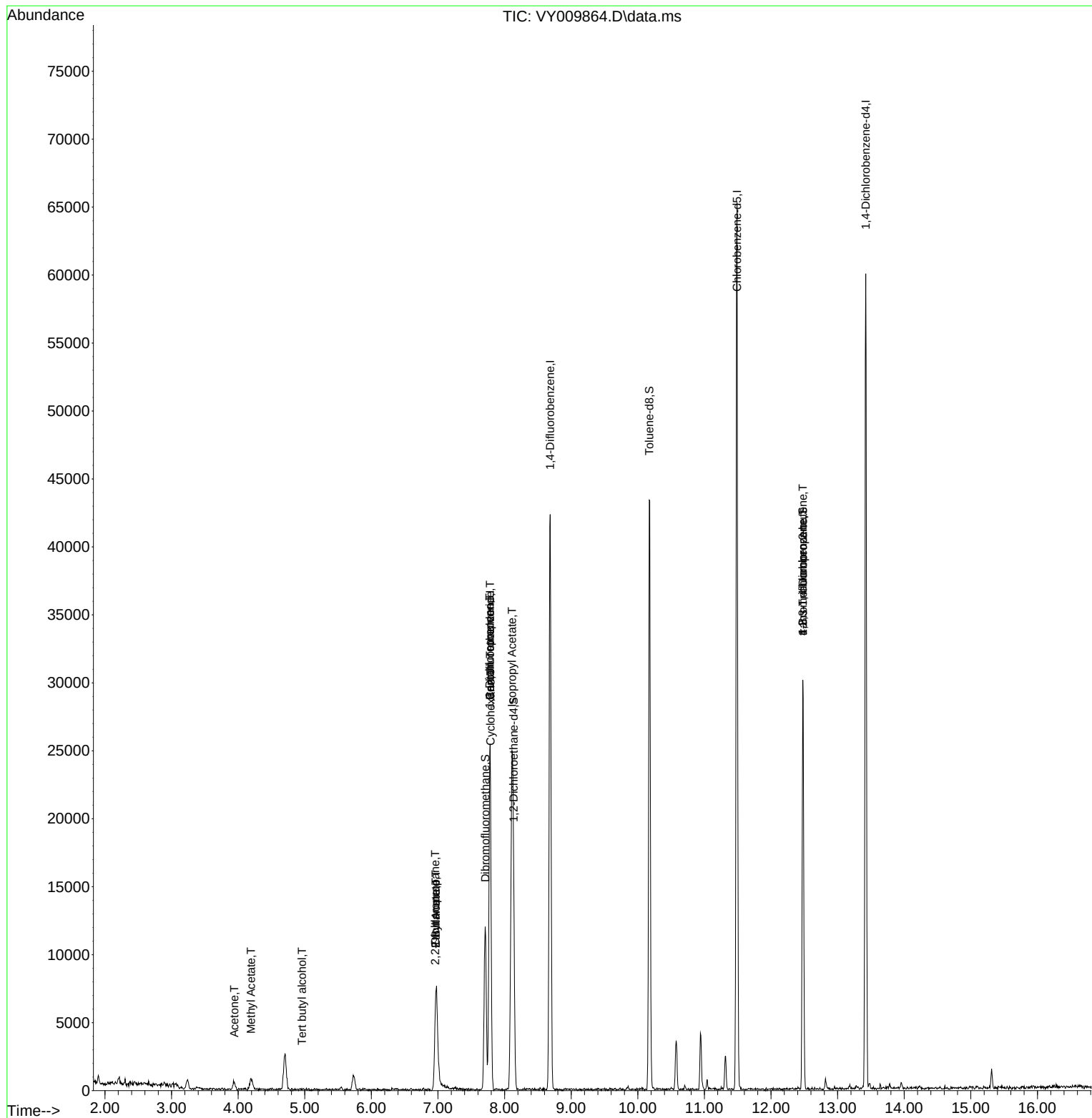
Internal Standards						
1) Pentafluorobenzene	7.783	168	19421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	35228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8178	51.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.780%			
35) Dibromofluoromethane	7.710	113	8372	38.978	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.960%			
50) Toluene-d8	10.173	98	28074	43.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 87.280%			
62) 4-Bromofluorobenzene	12.477	95	7898	27.155	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 54.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	386	Below Cal		84
11) Tert butyl alcohol	4.960	59	54	2.619 ug/l #		78
16) Acetone	3.942	43	1002	18.226 ug/l #		84
18) Methyl Acetate	4.192	43	401	2.445 ug/l #		52
20) Methylene Chloride	4.704	84	1918	Below Cal #		84
25) 2-Butanone	6.966	43	427	4.748 ug/l #		53
26) 2,2-Dichloropropane	6.960	77	609	1.661 ug/l #		52
31) Cyclohexane	7.789	56	444	1.208 ug/l #		29
36) 1,1-Dichloropropene	7.777	75	1652	4.636 ug/l #		47
37) Ethyl Acetate	6.966	43	427	1.840 ug/l #		1
38) Carbon Tetrachloride	7.783	117	1967	5.249 ug/l #		12
43) Isopropyl Acetate	8.112	43	627	1.550 ug/l #		20
76) 1,2,3-Trichloropropane	12.477	75	4492	25.074 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	4492	53.814 ug/l #		12

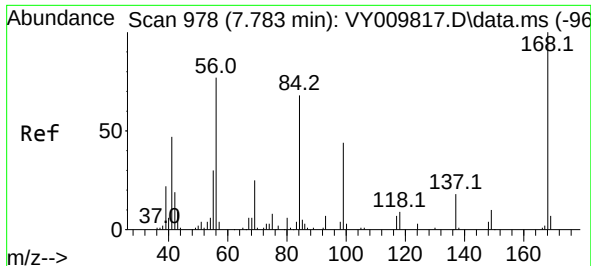
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009864.D
Acq On : 05 Aug 2022 20:32
Operator : KP/MD
Sample : N4064-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-18

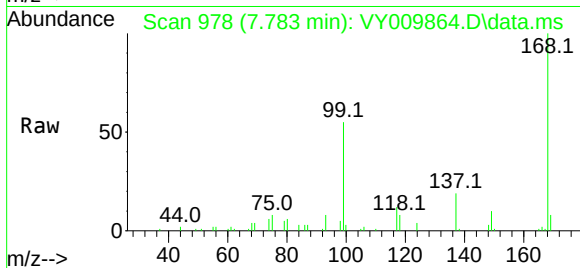
Quant Time: Aug 06 01:22:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration



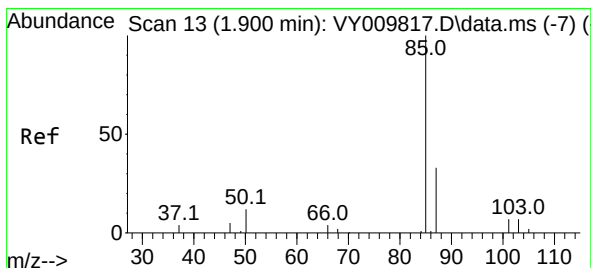
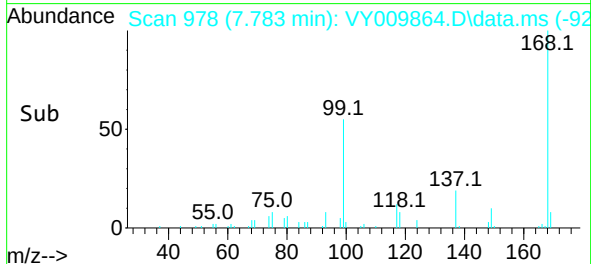
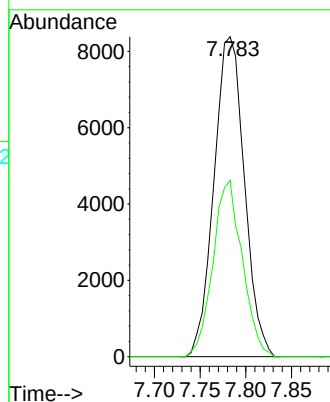


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-18

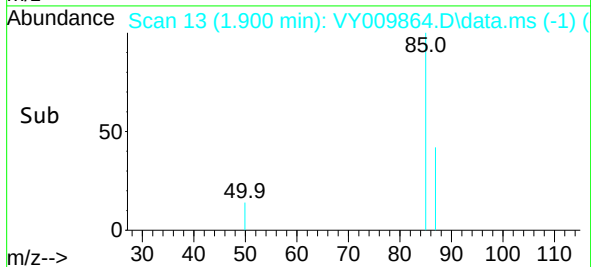
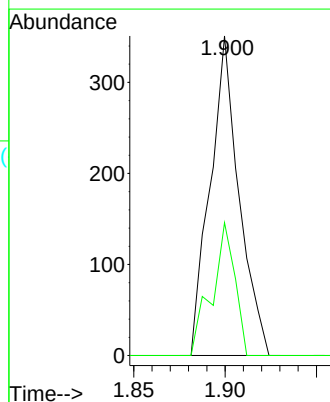
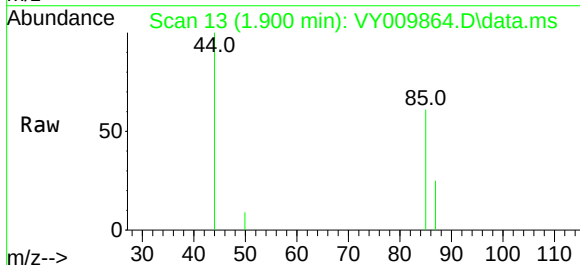


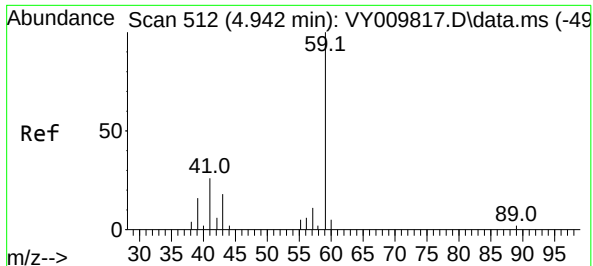
Tgt Ion:168 Resp: 19421
Ion Ratio Lower Upper
168 100
99 55.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 85 Resp: 386
Ion Ratio Lower Upper
85 100
87 41.6 16.4 49.2

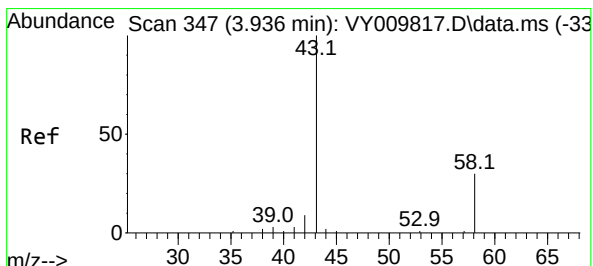
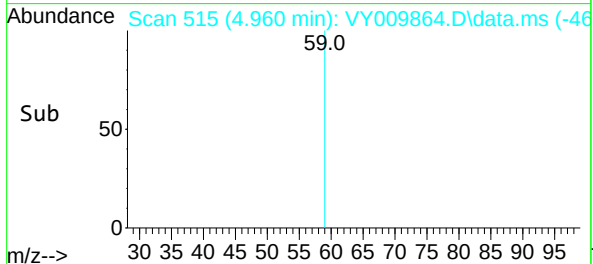
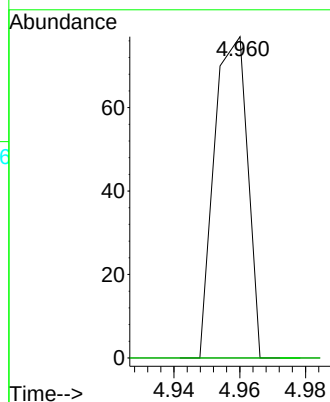
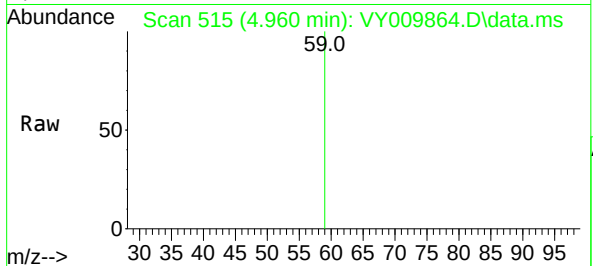




#11
Tert butyl alcohol
Concen: 2.619 ug/l
RT: 4.960 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

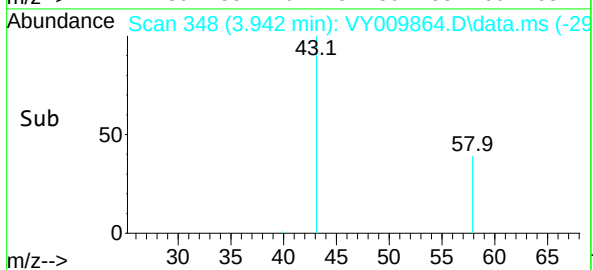
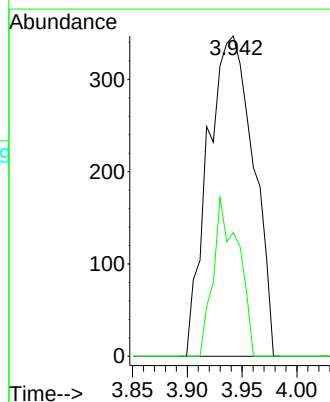
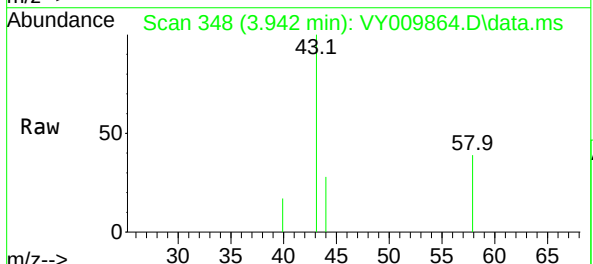
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

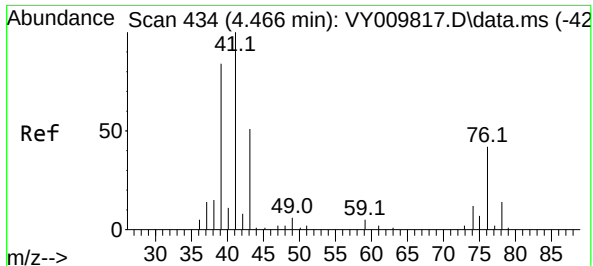
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#16
Acetone
Concen: 18.226 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 38.6 24.1 36.1#





#18

Methyl Acetate

Concen: 2.445 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.275 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

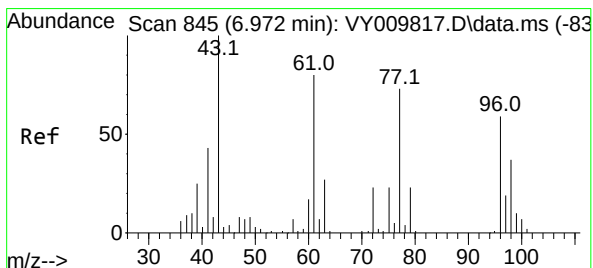
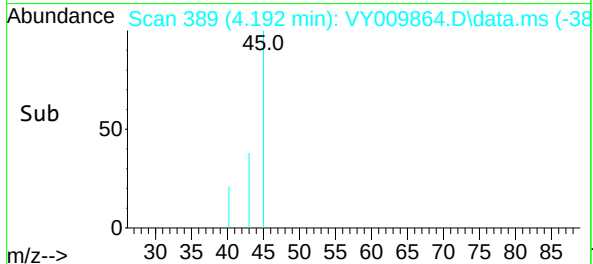
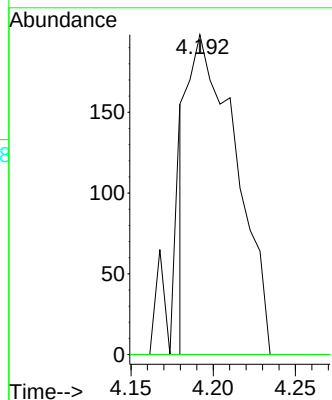
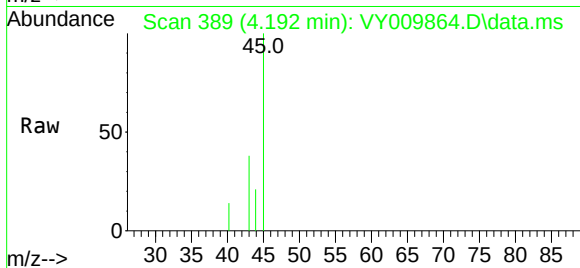
SB-18

Tgt Ion: 43 Resp: 401

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#25

2-Butanone

Concen: 4.748 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009864.D

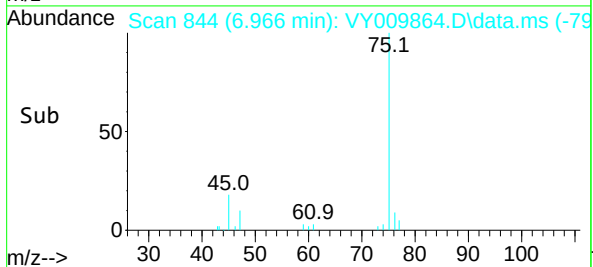
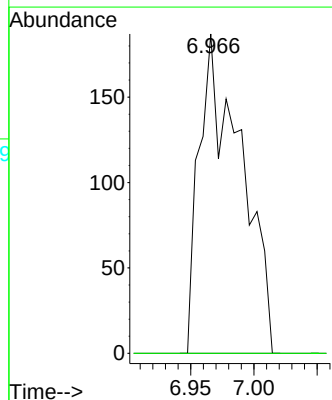
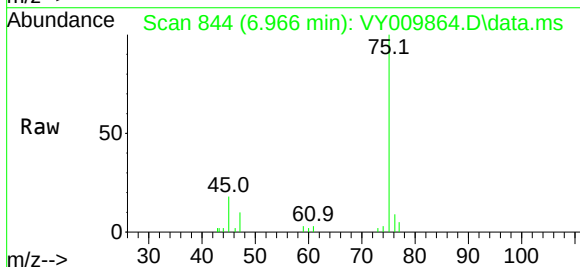
Acq: 05 Aug 2022 20:32

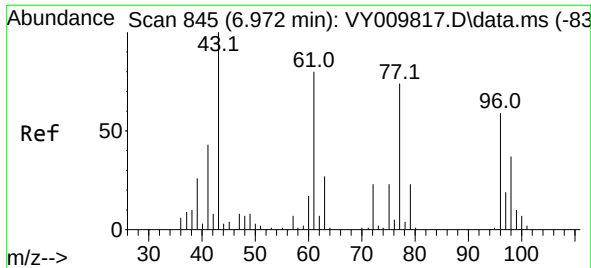
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#

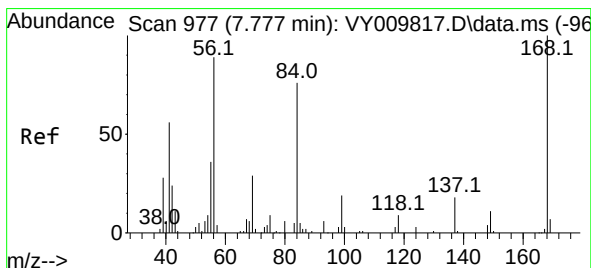
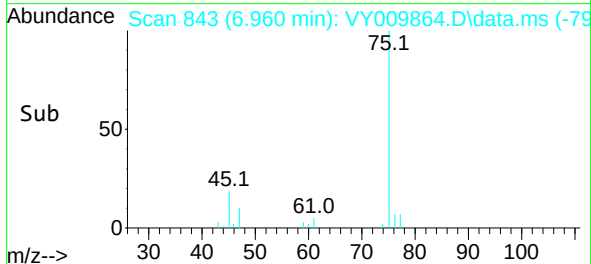
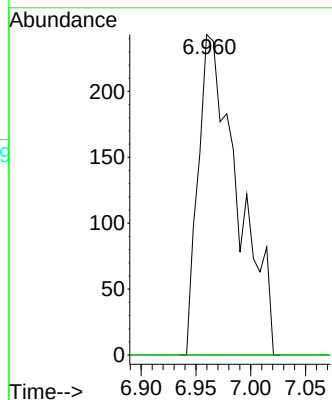
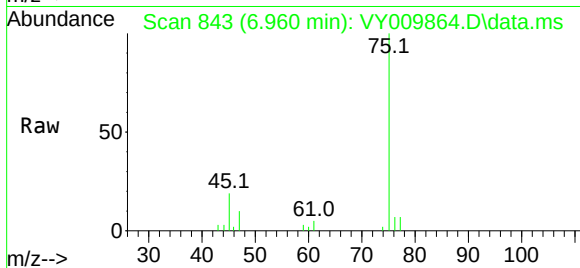




#26
2,2-Dichloropropane
Concen: 1.661 ug/l
RT: 6.960 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

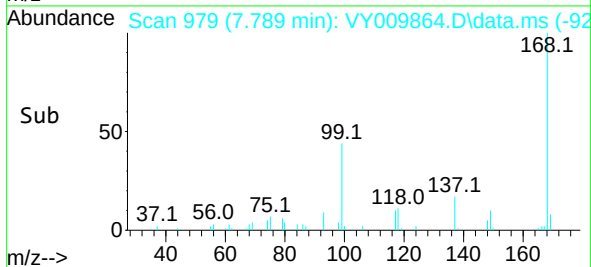
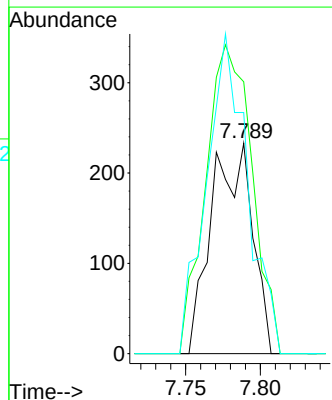
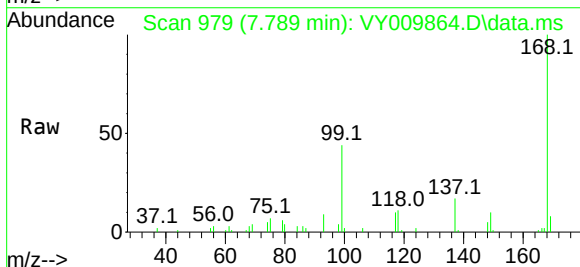
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

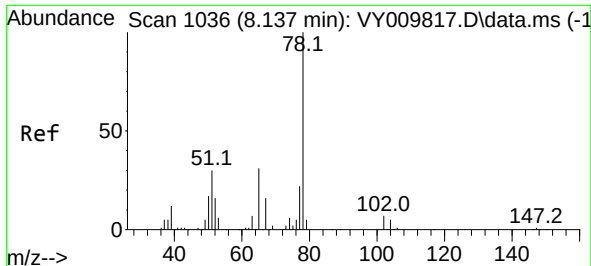
Tgt Ion: 77 Resp: 609
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
69 129.2 25.8 38.8#
84 114.6 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 51.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

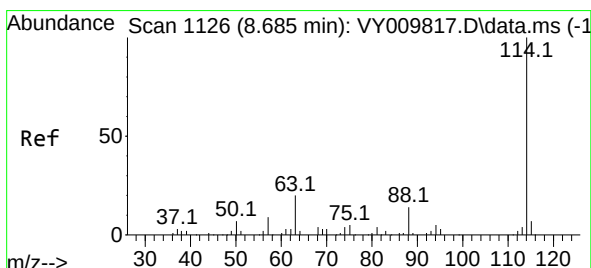
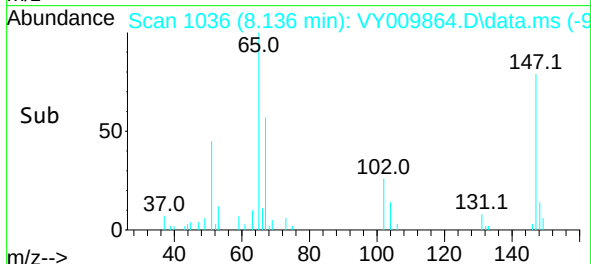
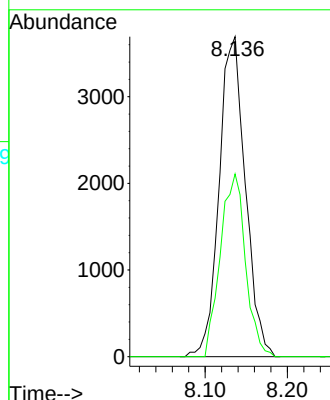
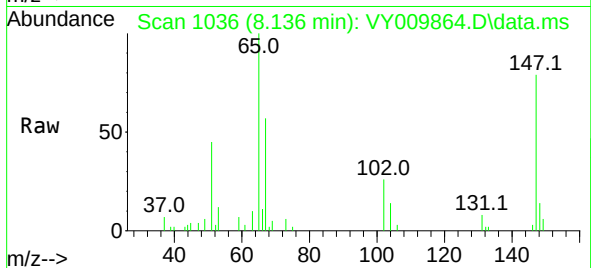
SB-18

Tgt Ion: 65 Resp: 8178

Ion Ratio Lower Upper

65 100

67 54.6 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: VY009864.D

Acq: 05 Aug 2022 20:32

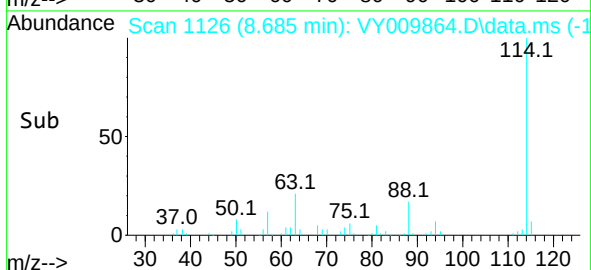
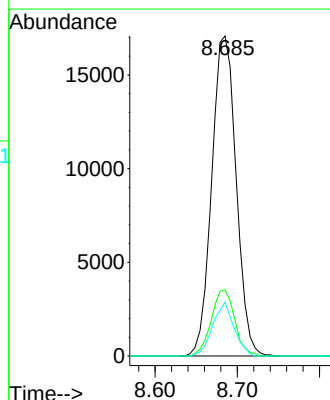
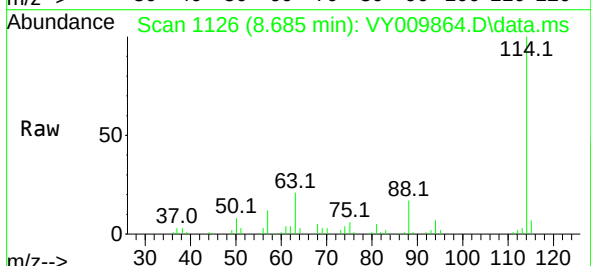
Tgt Ion: 114 Resp: 35228

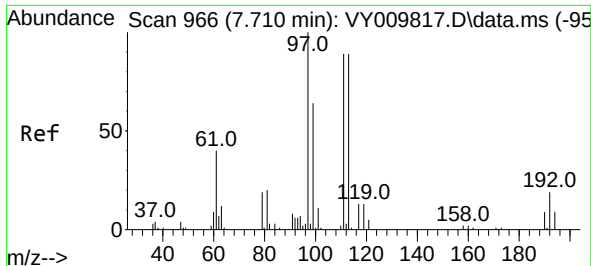
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.8 0.0 27.6

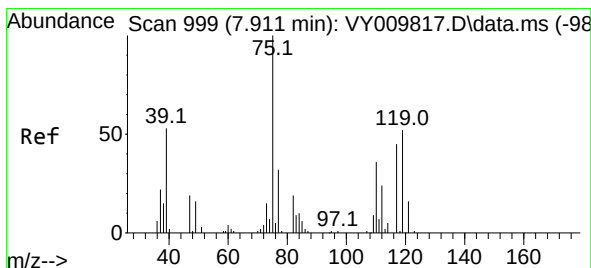
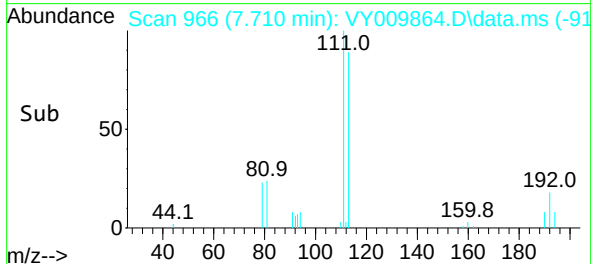
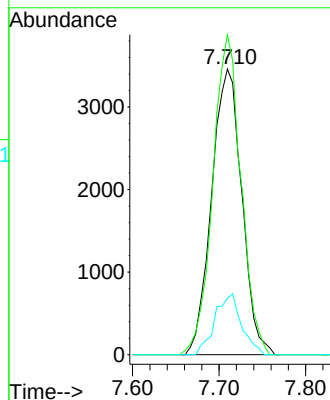
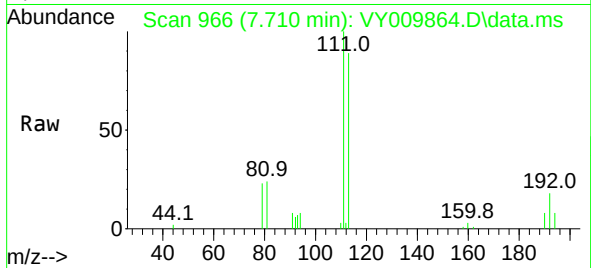




#35
Dibromofluoromethane
Concen: 38.978 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

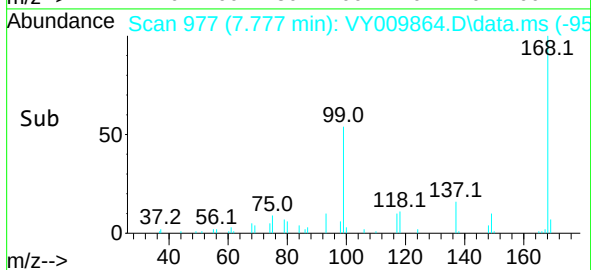
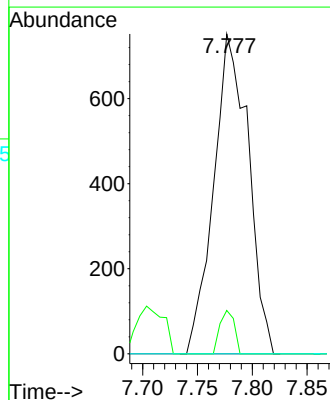
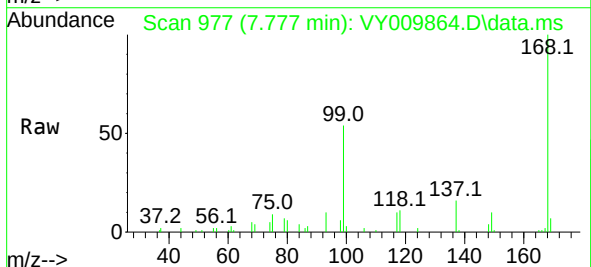
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

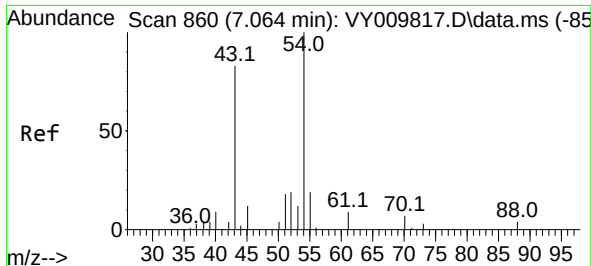
Tgt Ion:113 Resp: 8372
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 18.8 16.5 24.7



#36
1,1-Dichloropropene
Concen: 4.636 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 75 Resp: 1652
Ion Ratio Lower Upper
75 100
110 5.7 17.8 53.4#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.840 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Instrument :

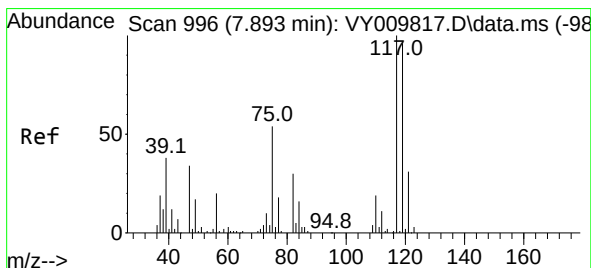
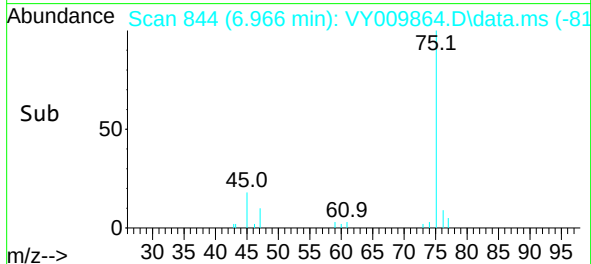
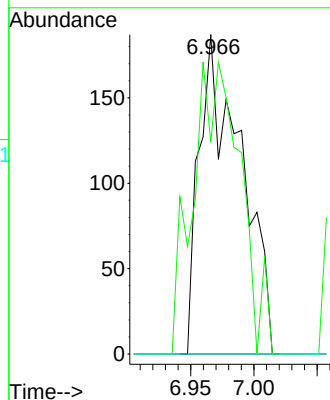
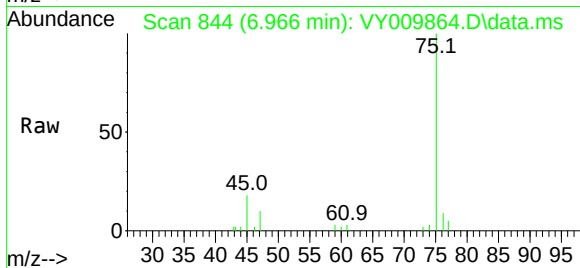
MSVOA_Y

ClientSampleId :

SB-18

Tgt Ion: 43 Resp: 427

Ion	Ratio	Lower	Upper
43	100		
61	105.4	11.0	16.6#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.249 ug/l

RT: 7.783 min Scan# 978

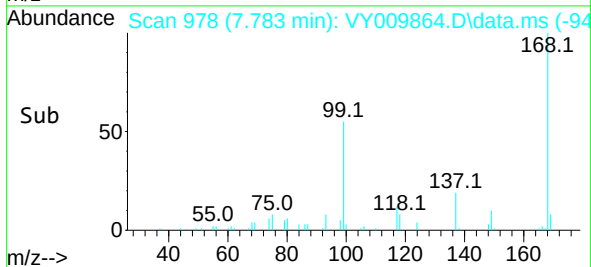
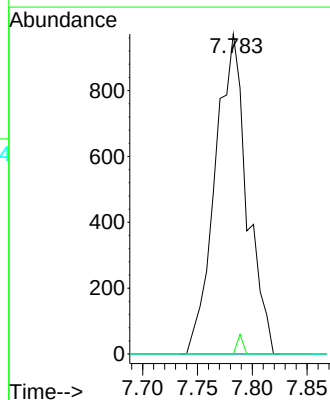
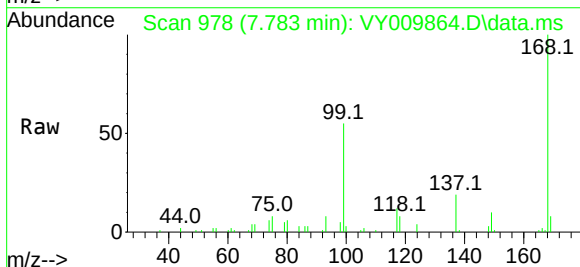
Delta R.T. -0.110 min

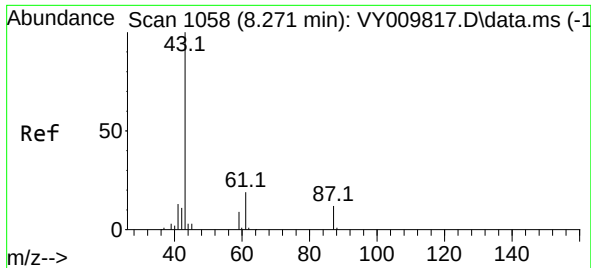
Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Tgt Ion: 117 Resp: 1967

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.8	115.2#
121	0.0	24.9	37.3#

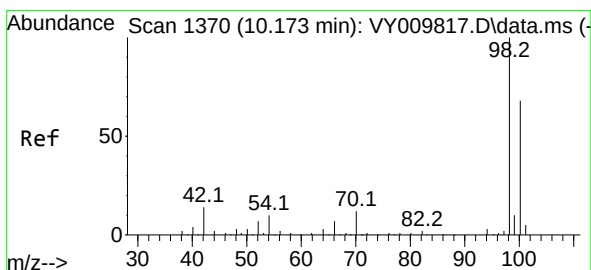
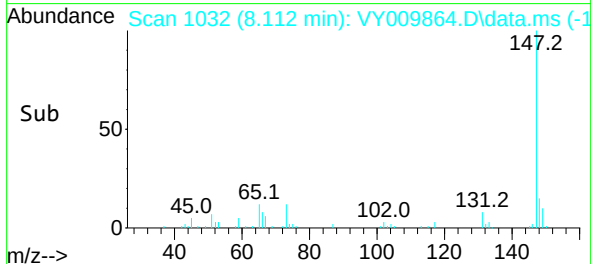
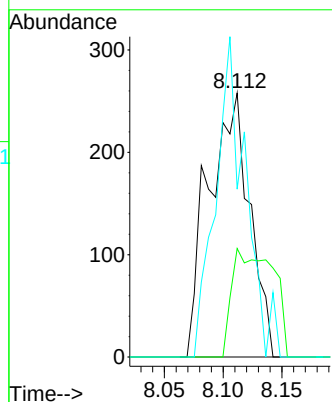
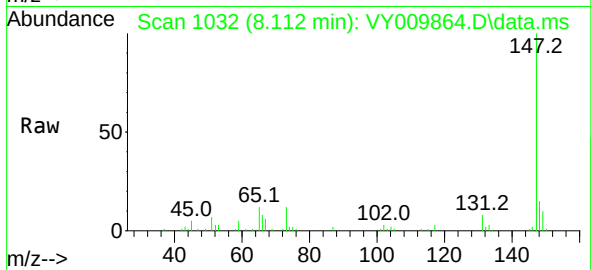




#43
Isopropyl Acetate
Concen: 1.550 ug/l
RT: 8.112 min Scan# 1058
Delta R.T. -0.159 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

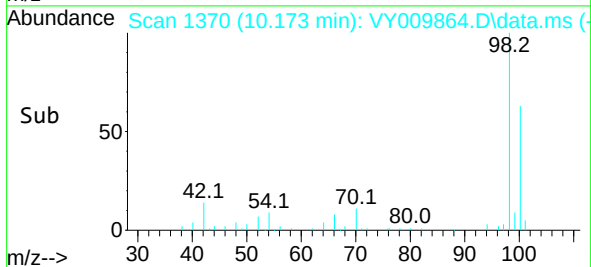
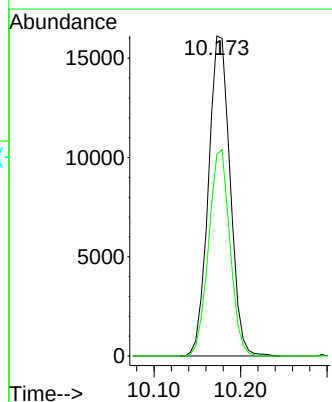
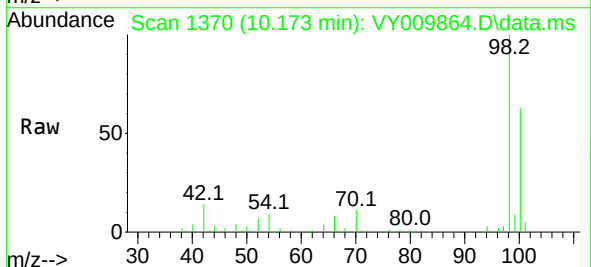
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

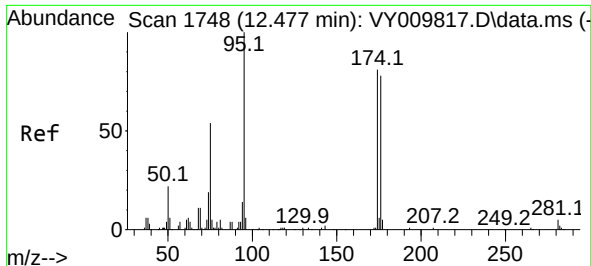
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
61 41.0 21.4 32.0#
87 88.8 9.2 13.8#



#50
Toluene-d8
Concen: 43.642 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 98 Resp: 28074
Ion Ratio Lower Upper
98 100
100 63.1 53.4 80.2

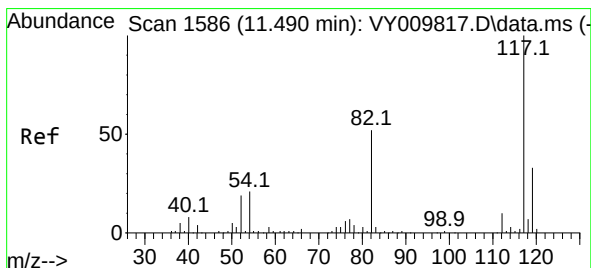
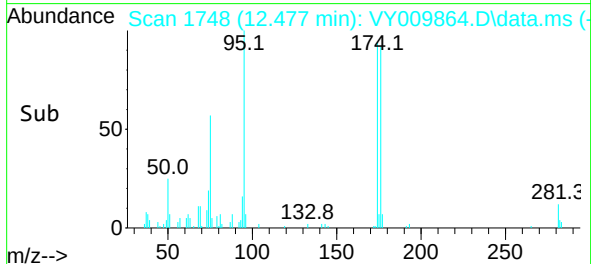
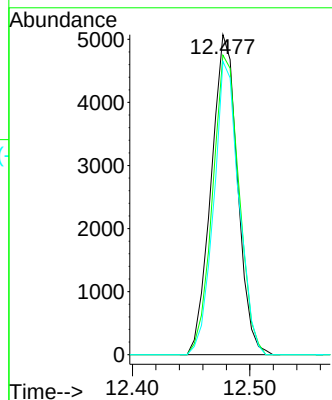
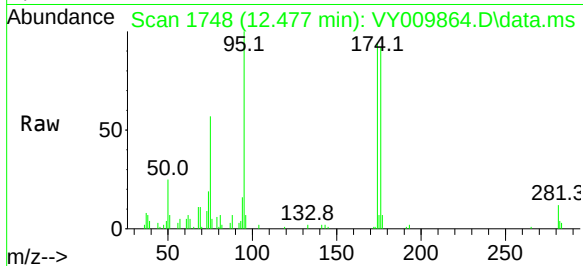




#62
4-Bromofluorobenzene
Concen: 27.155 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

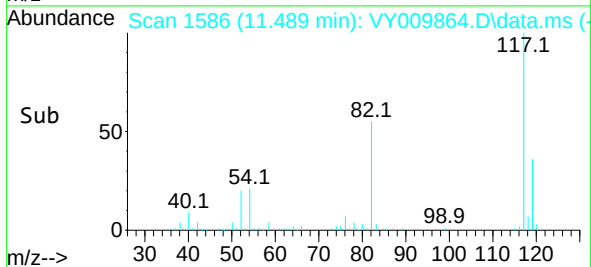
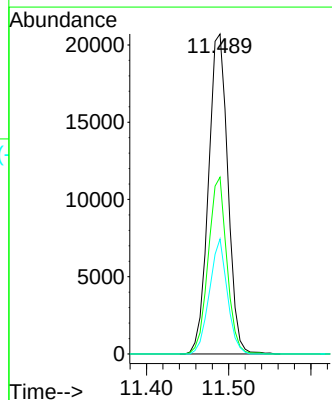
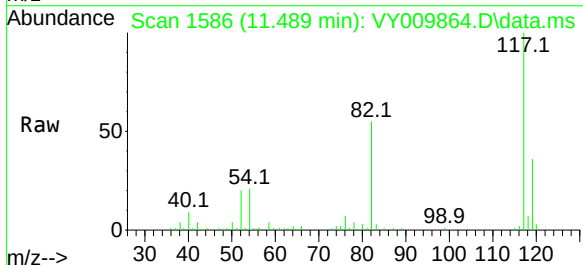
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

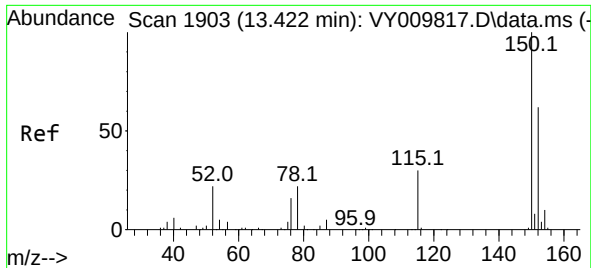
Tgt Ion:	95	Resp:	7898
Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	168.6
176	87.4	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion:	117	Resp:	33864
Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.7	62.5
119	36.0	26.6	40.0

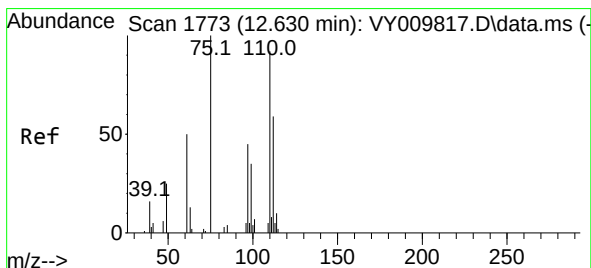
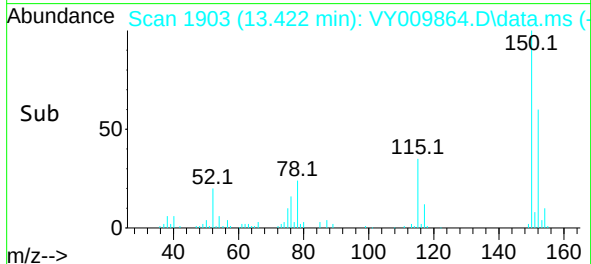
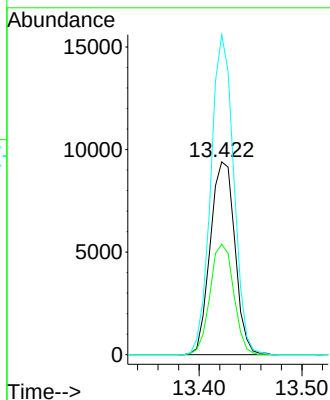
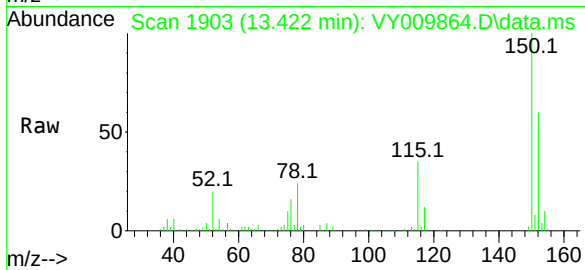




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009864.D
 Acq: 05 Aug 2022 20:32

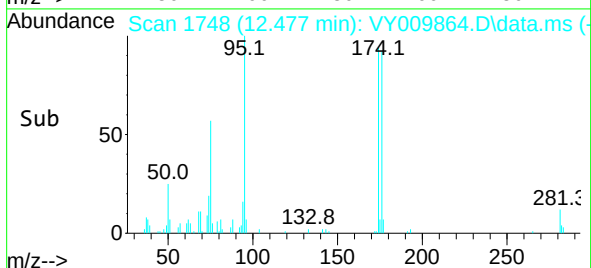
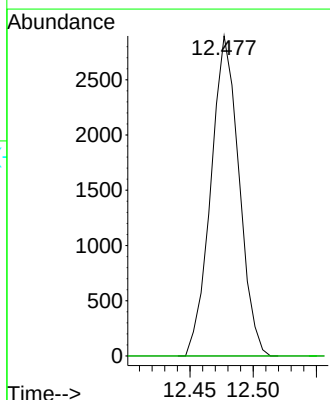
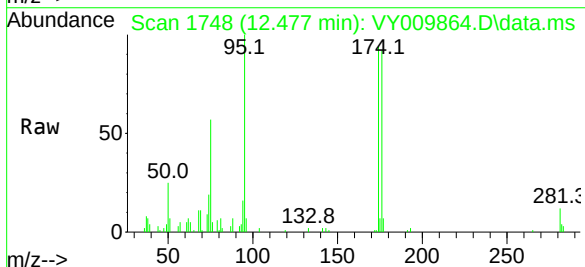
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18

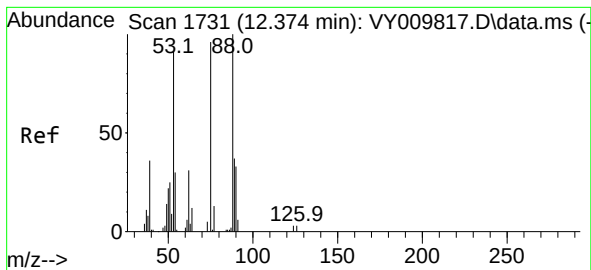
Tgt Ion:152 Resp: 15661
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.9 86.7
 150 153.9 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 25.074 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009864.D
 Acq: 05 Aug 2022 20:32

Tgt Ion: 75 Resp: 4492
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.814 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009864.D
 Acq: 05 Aug 2022 20:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18

Tgt Ion: 75 Resp: 4492
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 35.3 52.9#

