

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009577.D
 Acq On : 18 Jul 2022 16:50
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 19 04:25:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

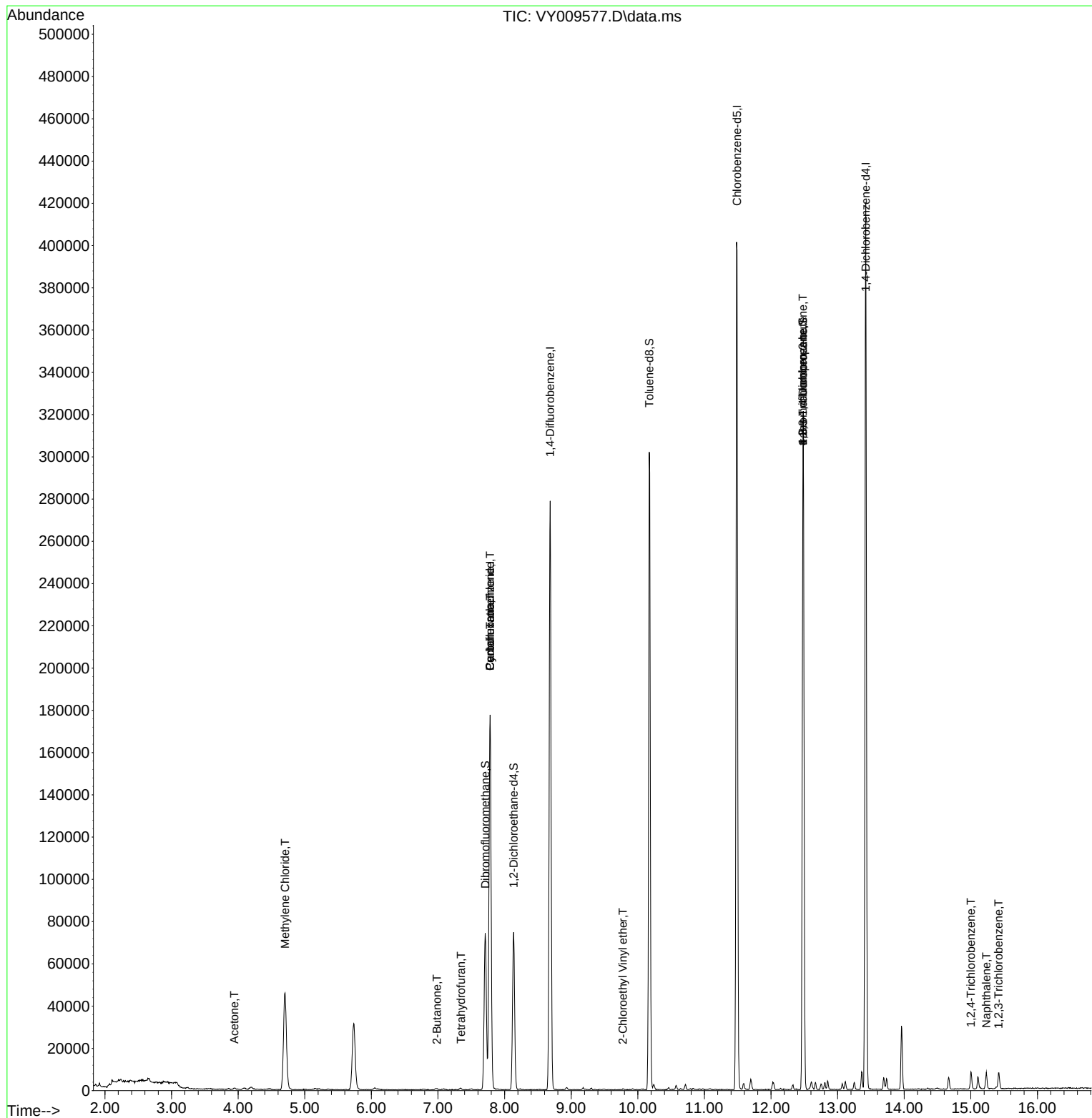
Internal Standards						
1) Pentafluorobenzene	7.783	168	146851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57029	41.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.120%
35) Dibromofluoromethane	7.710	113	52896	33.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.740%
50) Toluene-d8	10.172	98	198353	33.038	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	66.080%#
62) 4-Bromofluorobenzene	12.477	95	64431	33.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.240%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1200	3.416	ug/l #	87
20) Methylene Chloride	4.704	84	35247	12.617	ug/l	86
25) 2-Butanone	6.984	43	521	1.017	ug/l #	54
29) Tetrahydrofuran	7.344	42	469	1.394	ug/l #	63
31) Cyclohexane	7.783	56	2928	1.196	ug/l #	12
38) Carbon Tetrachloride	7.783	117	13536	5.603	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.776	63	278	28.544	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	32470	30.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32470	60.573	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.001	180	2773	1.323	ug/l	98
95) Naphthalene	15.233	128	6527	1.632	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	2898	1.574	ug/l	99

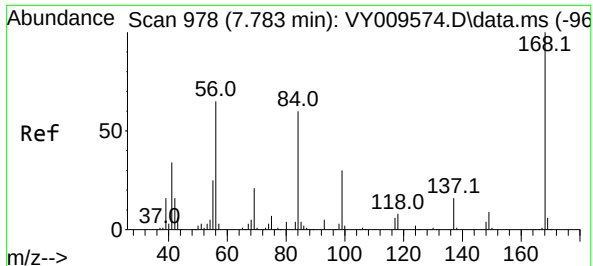
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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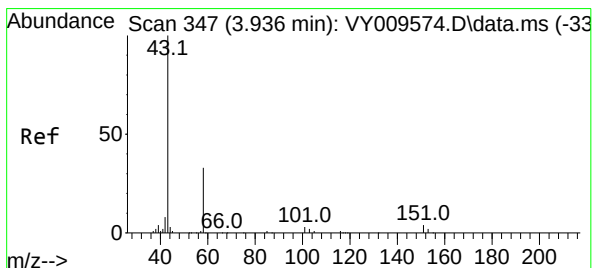
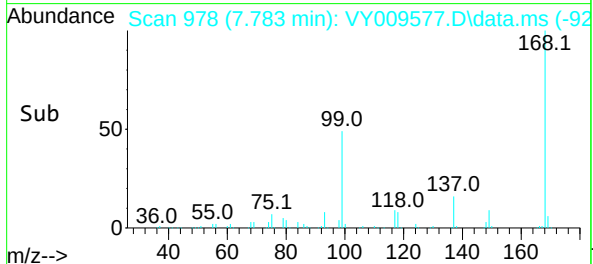
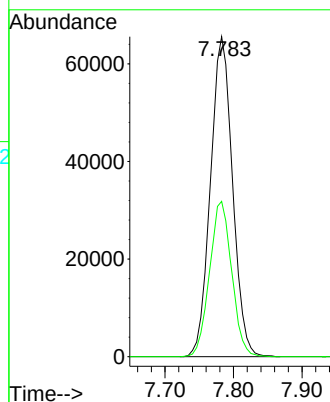
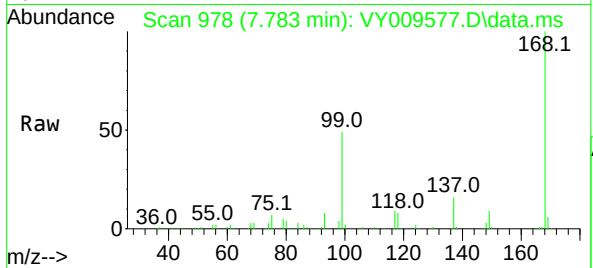




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

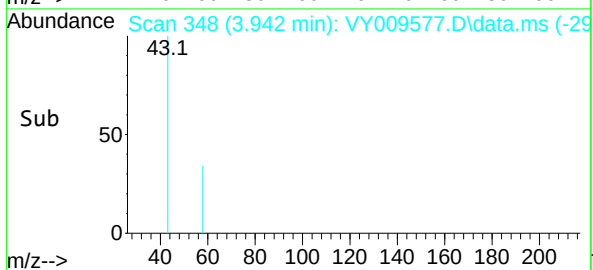
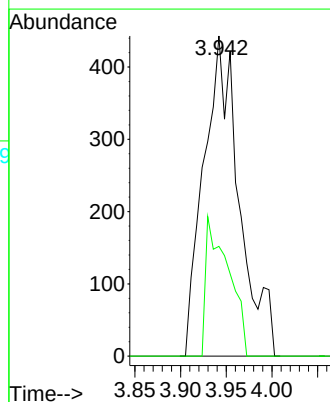
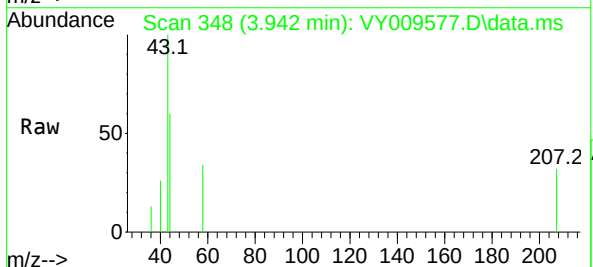
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

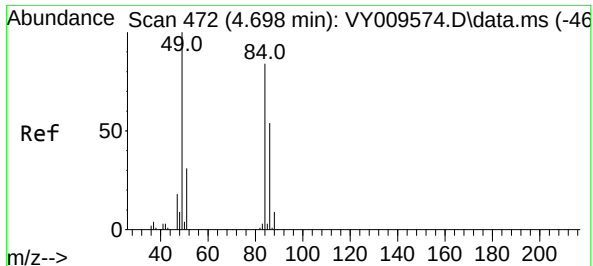
Tgt Ion:168 Resp: 146851
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#16
Acetone
Concen: 3.416 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#





#20

Methylene Chloride

Concen: 12.617 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 35247

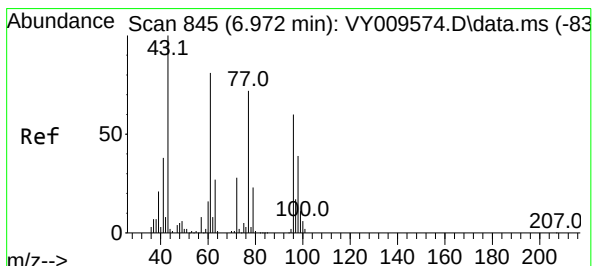
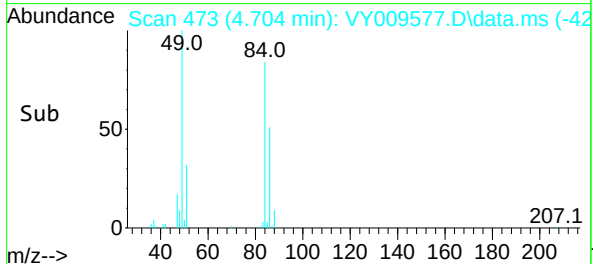
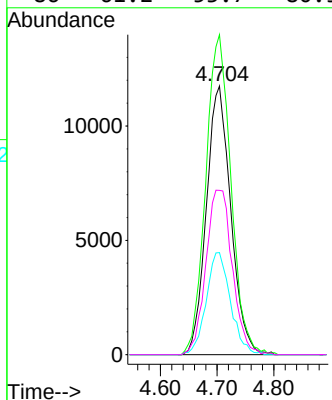
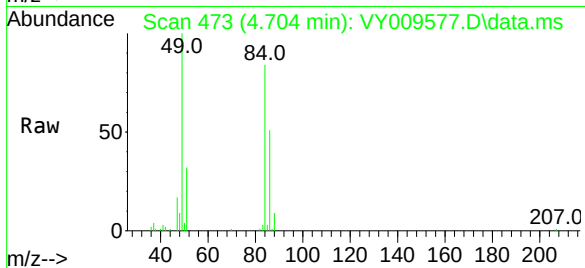
Ion Ratio Lower Upper

84 100

49 119.1 114.4 171.6

51 38.0 35.3 52.9

86 61.2 53.7 80.5



#25

2-Butanone

Concen: 1.017 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY009577.D

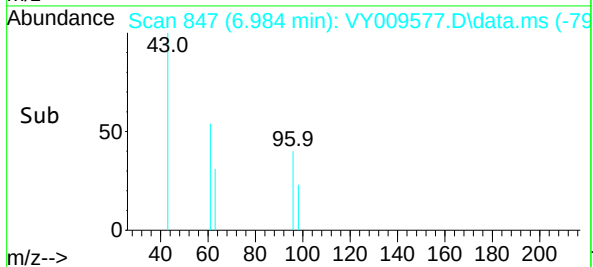
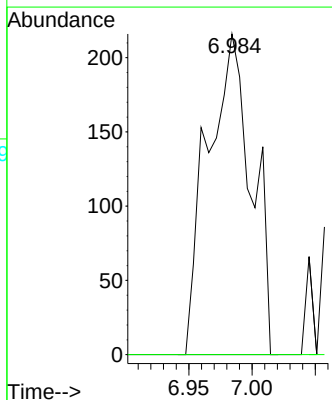
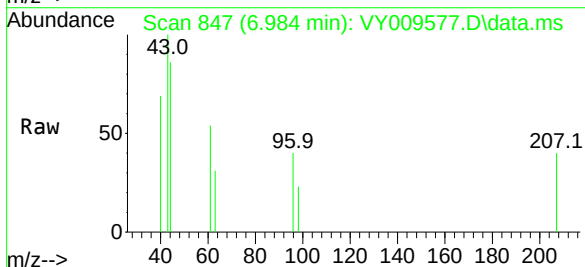
Acq: 18 Jul 2022 16:50

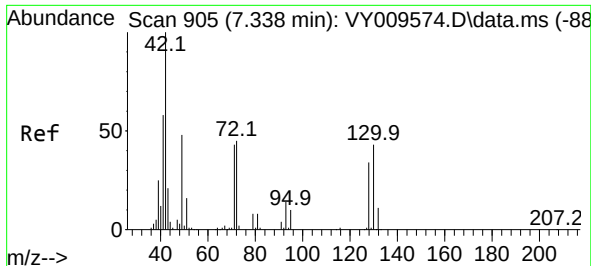
Tgt Ion: 43 Resp: 521

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.394 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

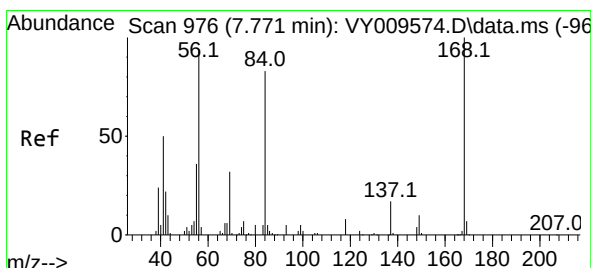
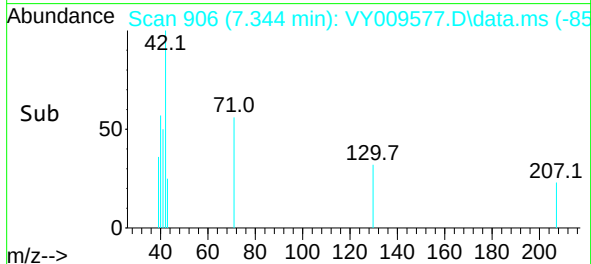
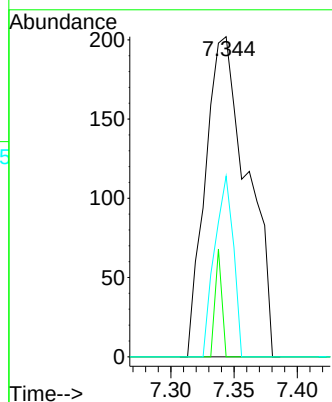
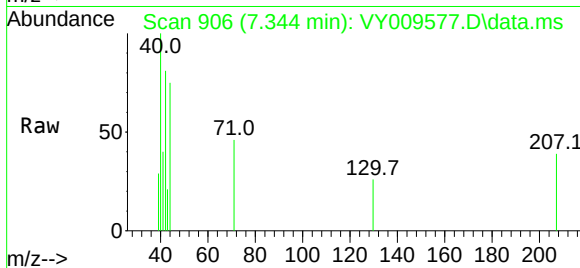
Tgt Ion: 42 Resp: 469

Ion Ratio Lower Upper

42 100

72 5.3 30.3 45.5#

71 24.9 29.0 43.4#



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.012 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

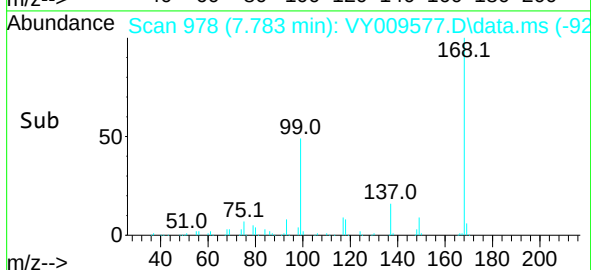
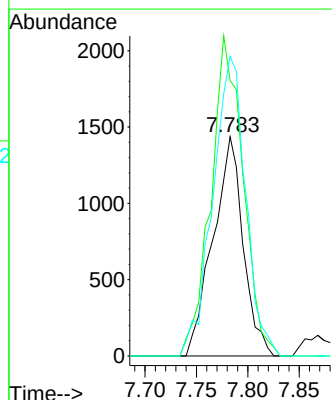
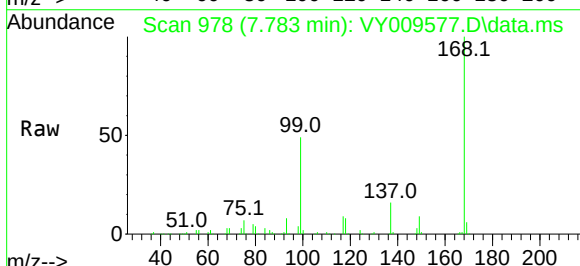
Tgt Ion: 56 Resp: 2928

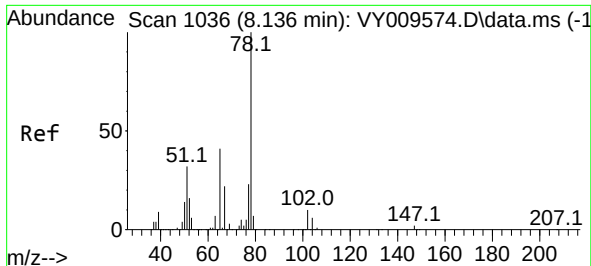
Ion Ratio Lower Upper

56 100

69 125.7 26.7 40.1#

84 136.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 41.062 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

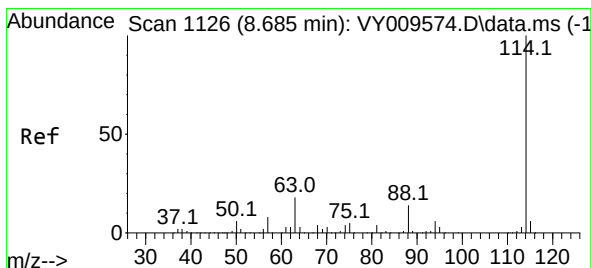
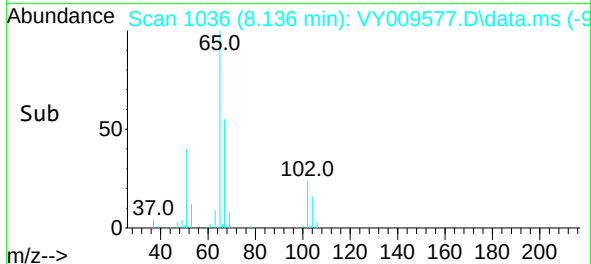
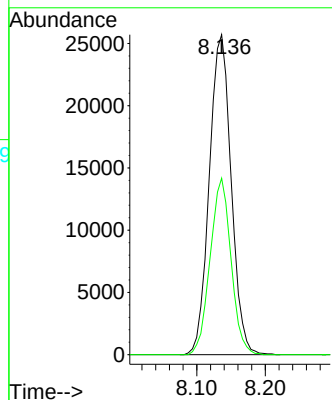
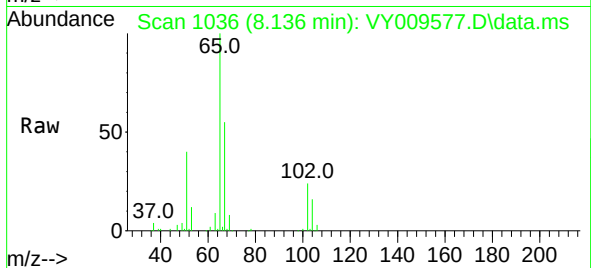
VIBLK

Tgt Ion: 65 Resp: 57029

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

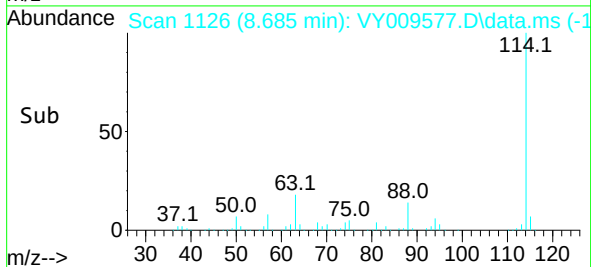
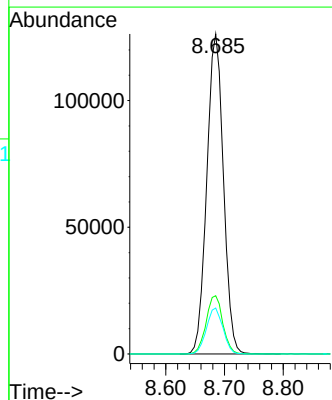
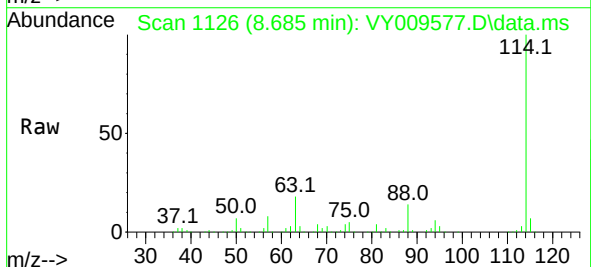
Tgt Ion:114 Resp: 247900

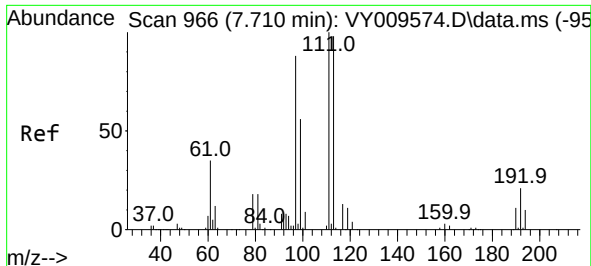
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.4 0.0 31.8

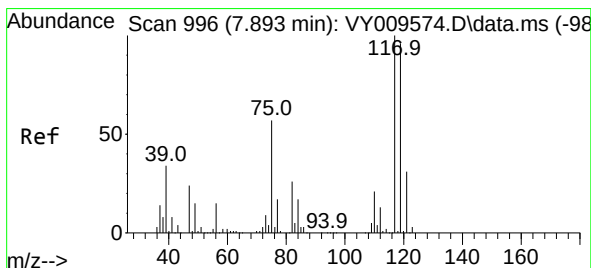
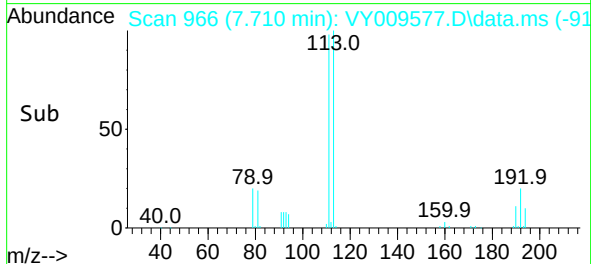
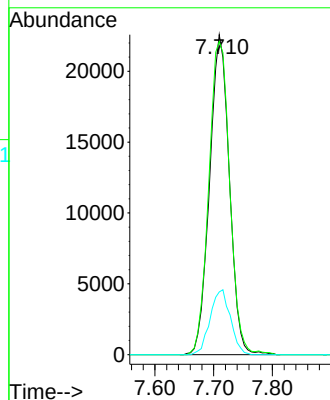
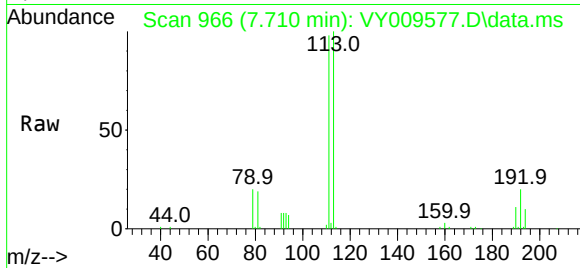




#35
Dibromofluoromethane
Concen: 33.869 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

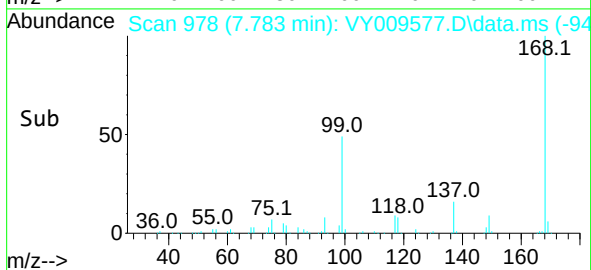
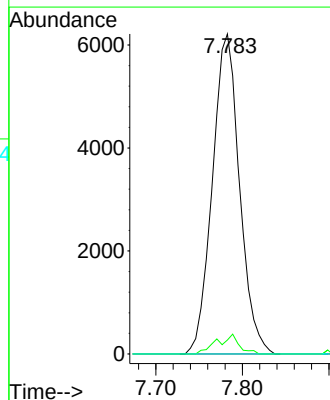
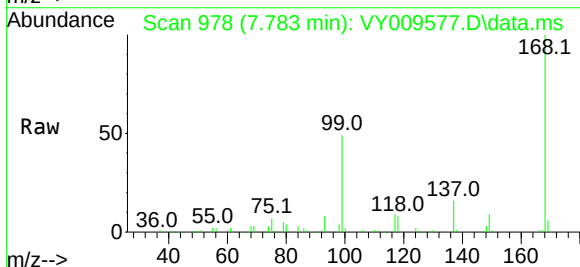
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

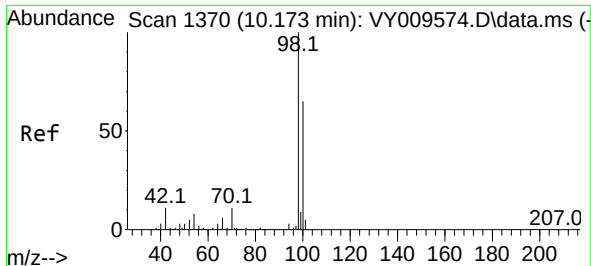
Tgt Ion:113 Resp: 52896
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.8 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion:117 Resp: 13536
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#

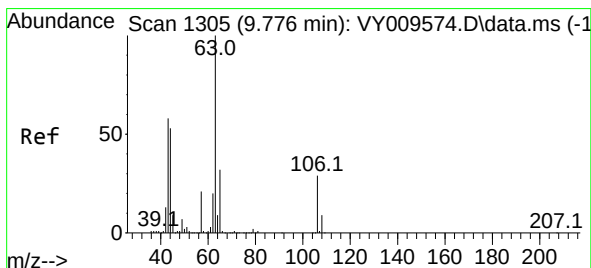
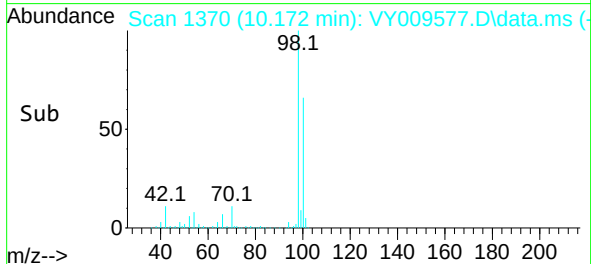
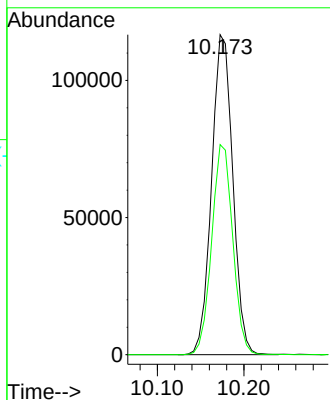
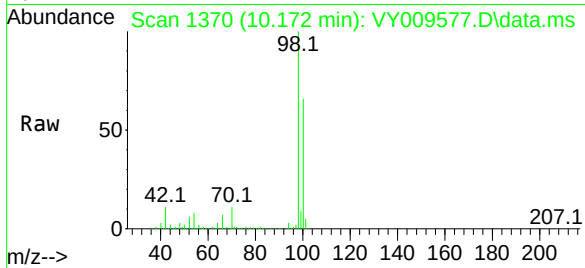




#50
Toluene-d8
Concen: 33.038 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

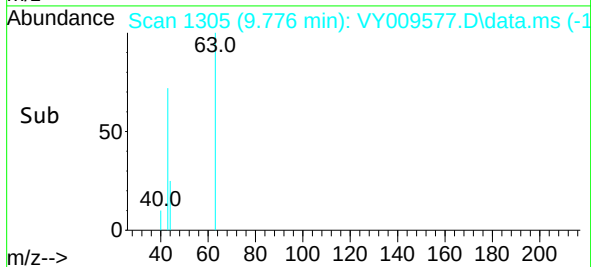
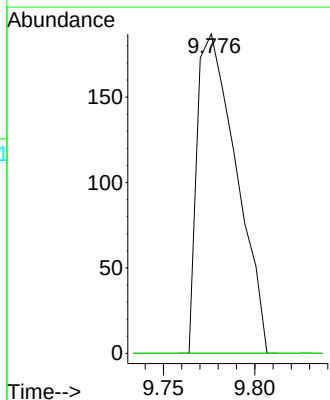
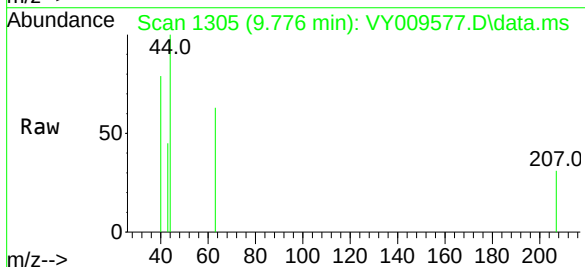
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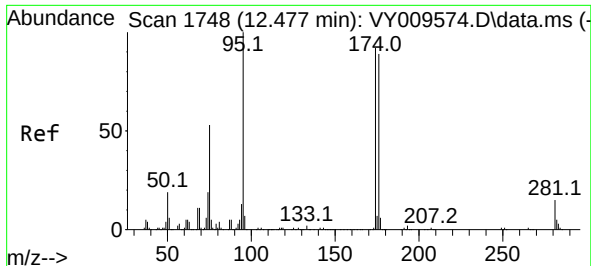
Tgt Ion: 98 Resp: 198353
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 28.544 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion: 63 Resp: 278
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

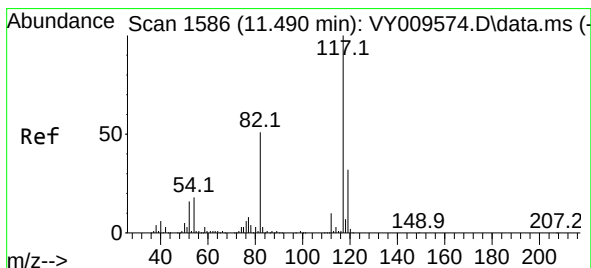
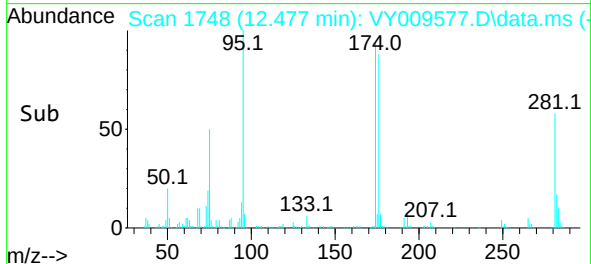
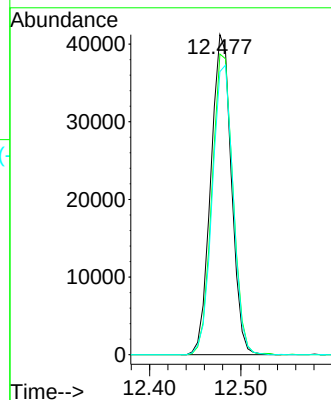
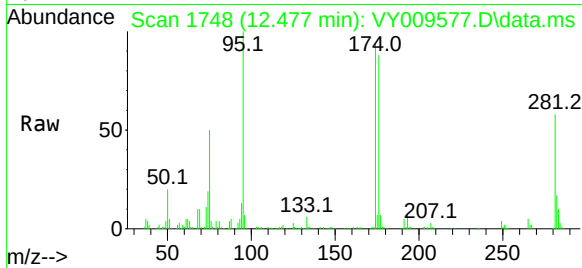




#62
4-Bromofluorobenzene
Concen: 33.119 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

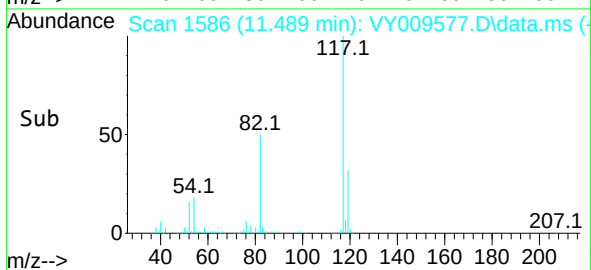
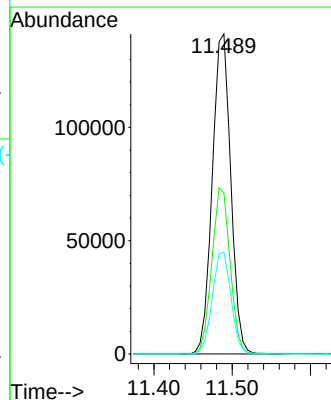
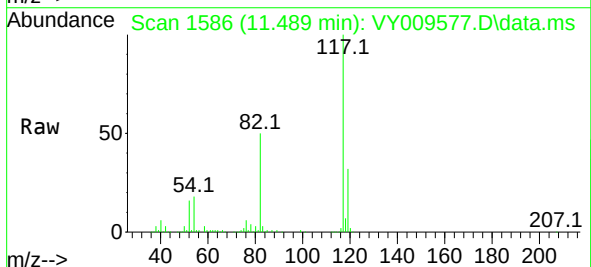
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

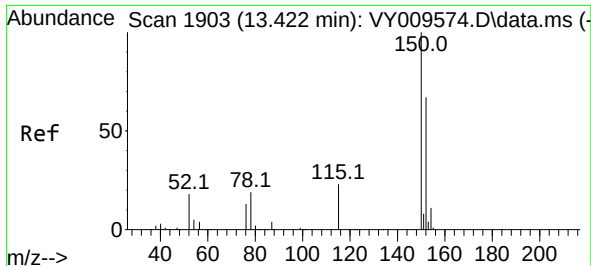
Tgt Ion: 95 Resp: 64431
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion: 117 Resp: 231296
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.8 25.4 38.0

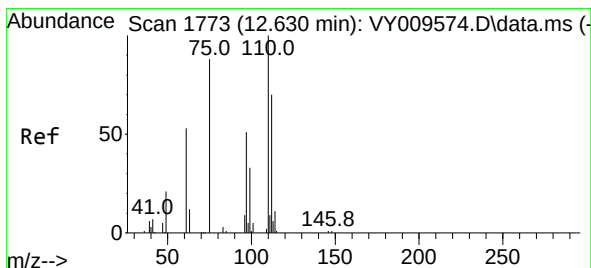
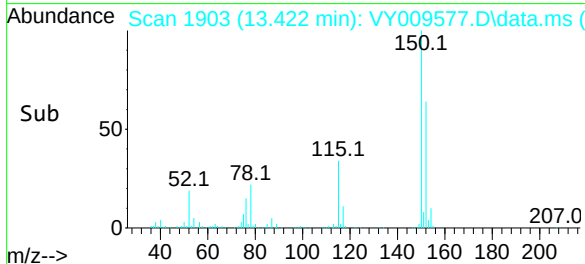
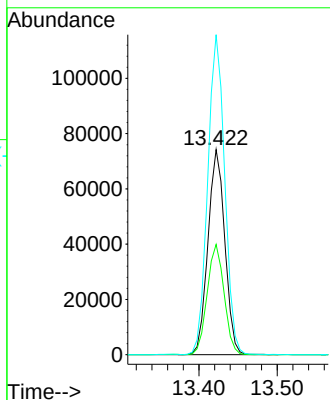
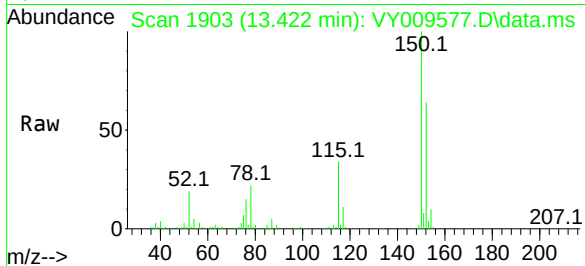




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY009577.D
 Acq: 18 Jul 2022 16:50

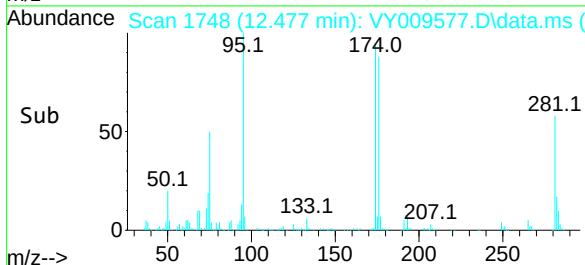
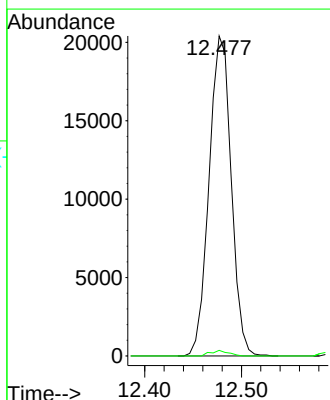
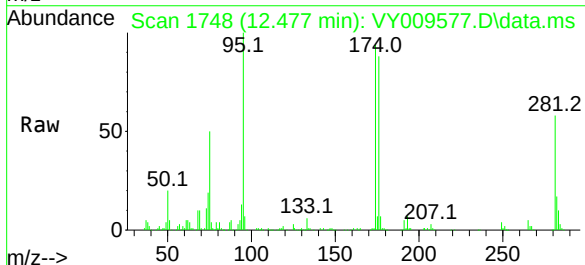
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

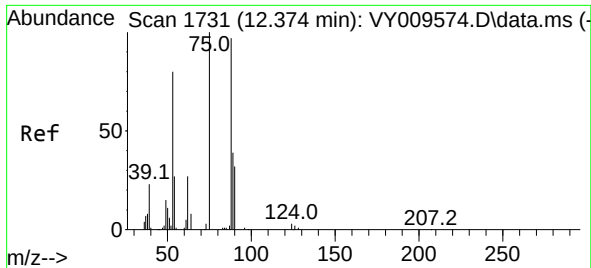
Tgt Ion:152 Resp: 110956
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.720 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009577.D
 Acq: 18 Jul 2022 16:50

Tgt Ion: 75 Resp: 32470
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

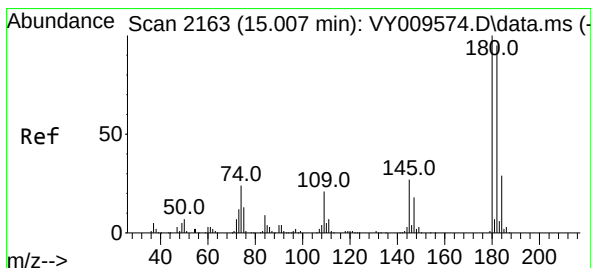
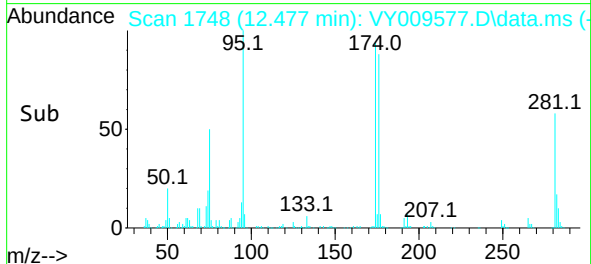
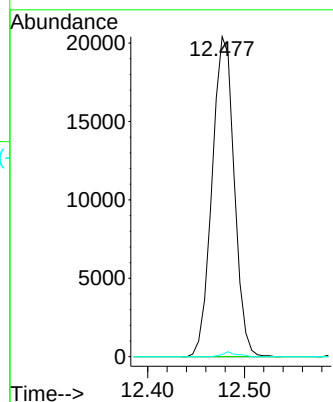
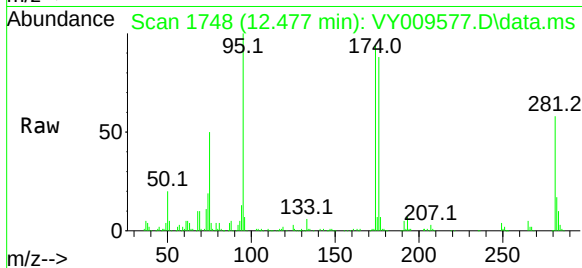




#81
trans-1,4-Dichloro-2-butene
Concen: 60.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

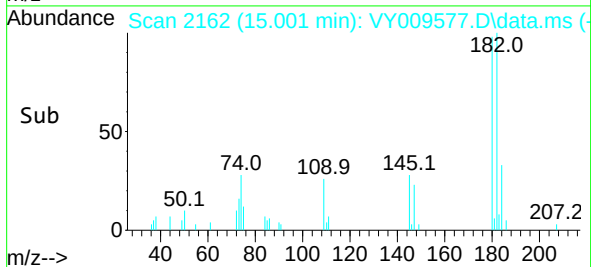
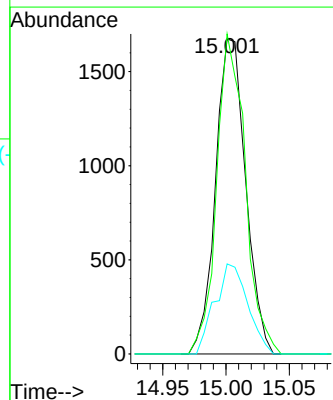
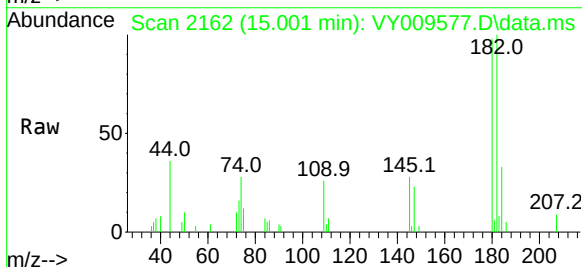
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

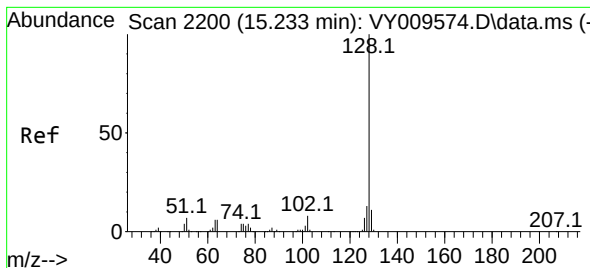
Tgt Ion: 75 Resp: 32470
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.323 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY009577.D
Acq: 18 Jul 2022 16:50

Tgt Ion:180 Resp: 2773
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.9
145 31.2 14.6 43.8





#95

Naphthalene

Concen: 1.632 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

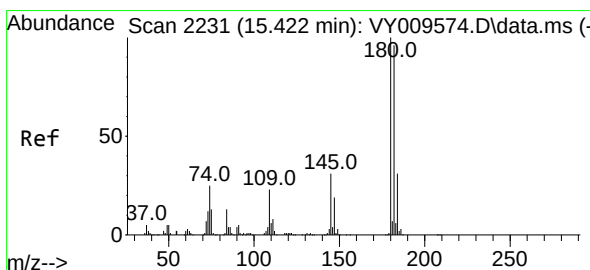
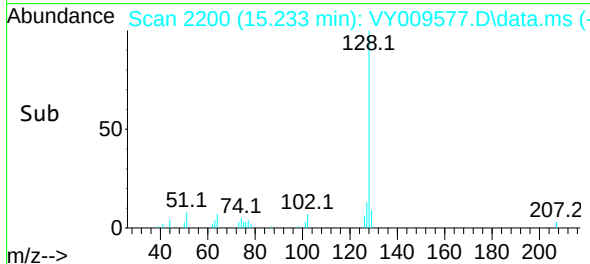
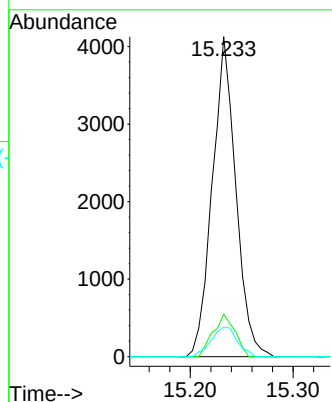
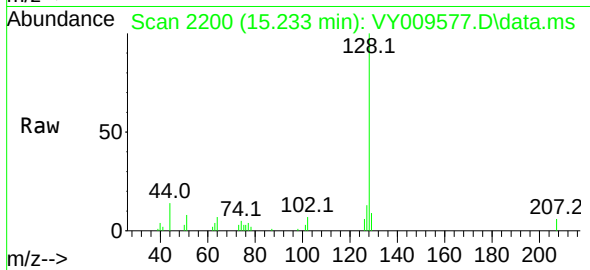
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:128	Resp:	6527
Ion	Ratio	Lower Upper
128	100	
127	12.4	11.0 16.4
129	10.3	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 1.574 ug/l

RT: 15.415 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY009577.D

Acq: 18 Jul 2022 16:50

Tgt Ion:180	Resp:	2898
Ion	Ratio	Lower Upper
180	100	
182	95.7	47.3 141.9
145	30.4	15.3 45.9

