

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008482.D
 Acq On : 25 Apr 2022 15:17
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 26 01:56:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

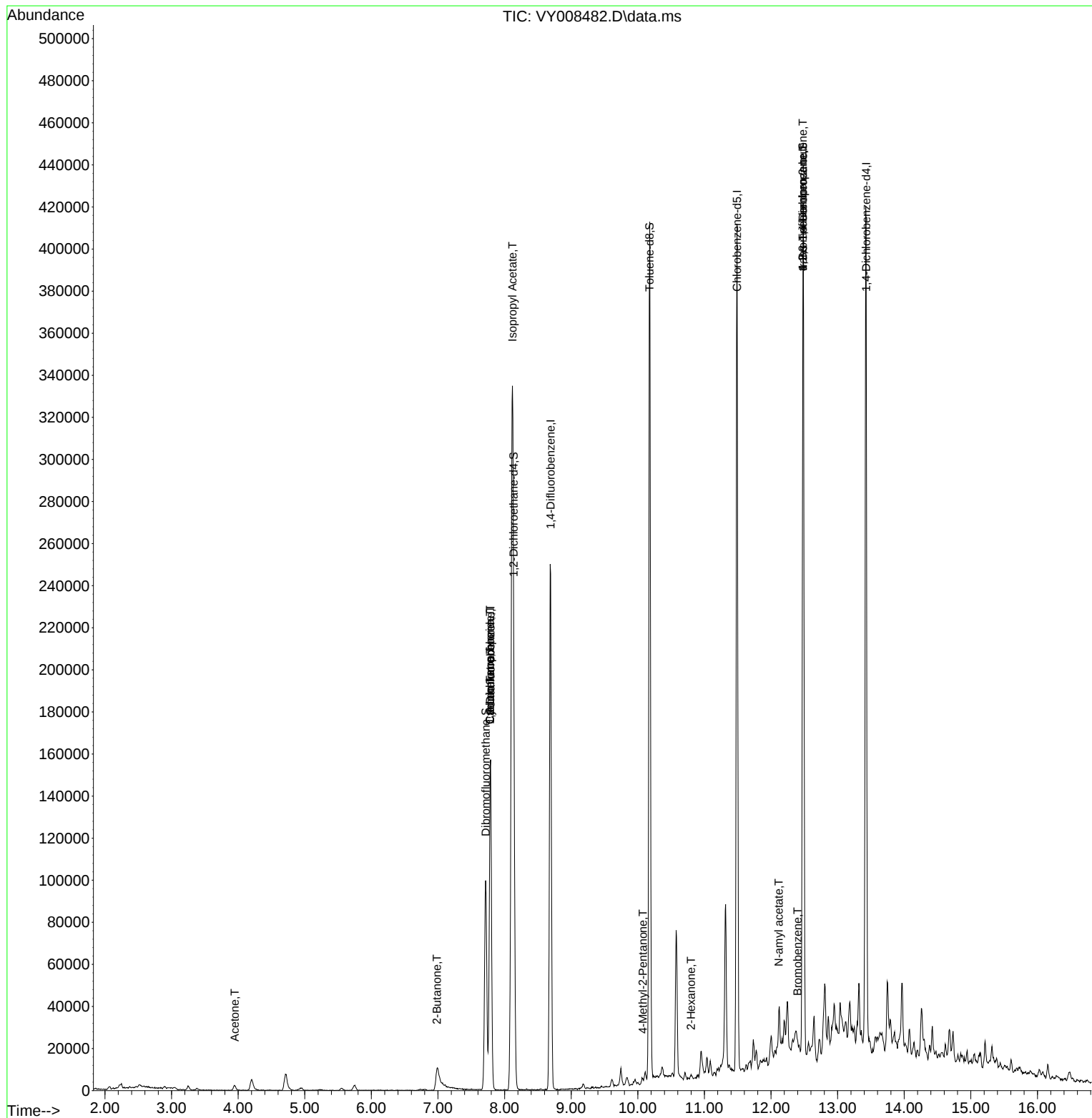
Internal Standards						
1) Pentafluorobenzene	7.789	168	125727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66025	44.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.260%
35) Dibromofluoromethane	7.716	113	71176	48.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.920%
50) Toluene-d8	10.179	98	273878	46.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.477	95	100425	50.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1084	Below Cal	#	83
16) Acetone	3.948	43	4475	12.987	ug/l	93
20) Methylene Chloride	4.716	84	6465	Below Cal	#	67
25) 2-Butanone	6.984	43	1010	1.895	ug/l	97
31) Cyclohexane	7.783	56	2476	1.018	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	9419	4.031	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	12296	5.065	ug/l	# 15
43) Isopropyl Acetate	8.118	43	6105	2.569	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.075	43	1736	1.389	ug/l	95
59) 2-Hexanone	10.801	43	877	1.019	ug/l	# 28
74) N-amyl acetate	12.117	43	4043	2.041	ug/l	# 55
76) 1,2,3-Trichloropropane	12.477	75	51651	37.748	ug/l	# 100
77) Bromobenzene	12.398	156	4697	2.403	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.477	75	51651	87.572	ug/l	# 8

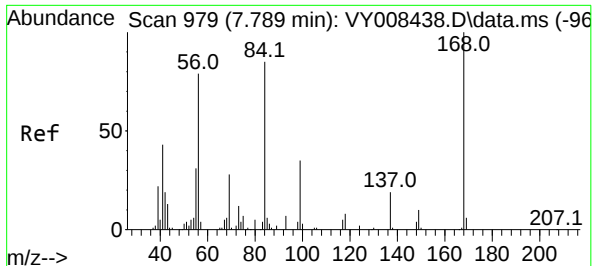
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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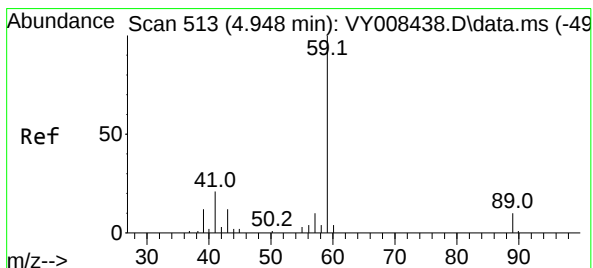
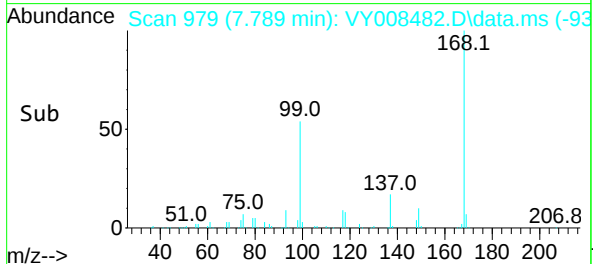
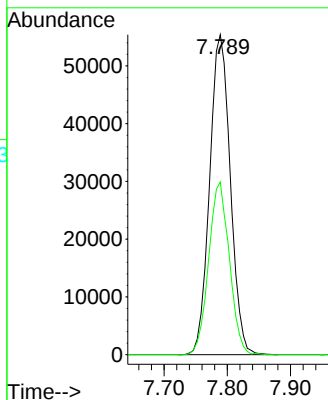
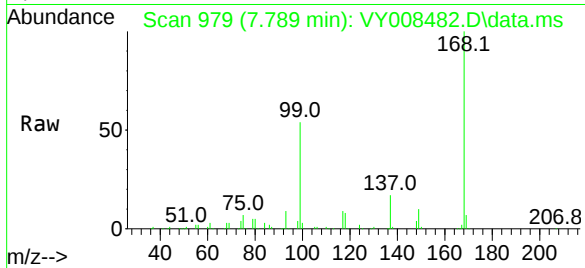




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

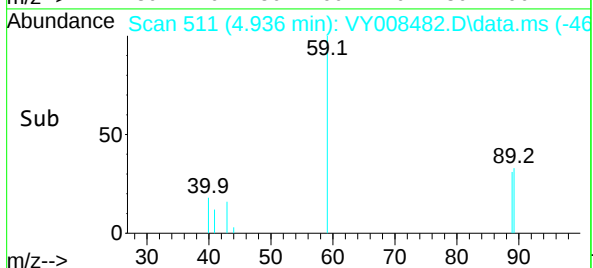
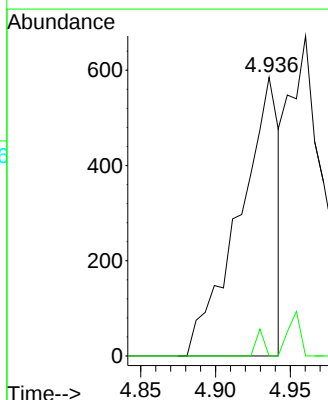
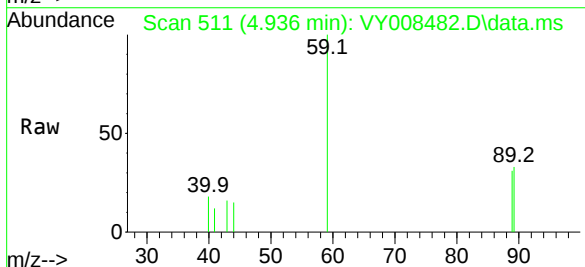
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

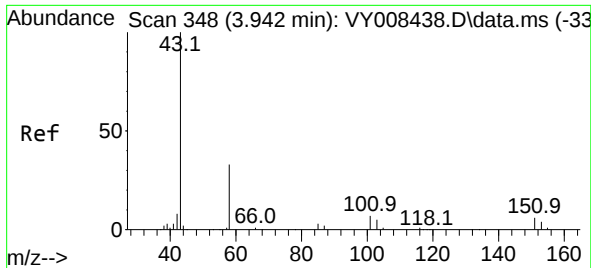
Tgt Ion:168 Resp: 125727
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion: 59 Resp: 1084
Ion Ratio Lower Upper
59 100
57 1.9 6.4 9.6#

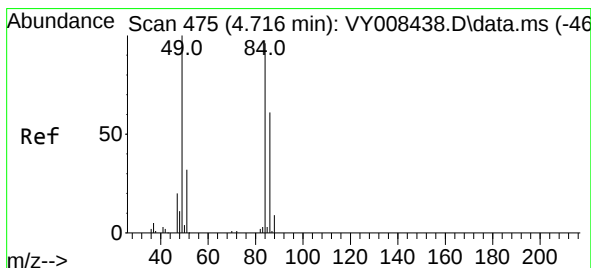
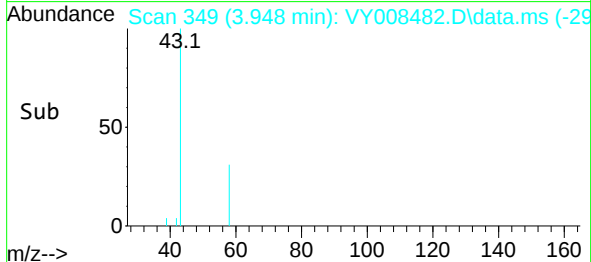
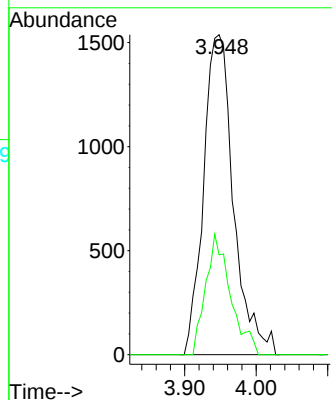
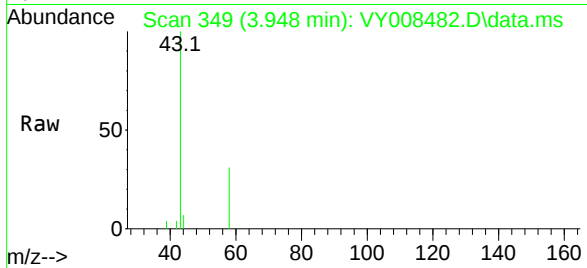




#16
Acetone
Concen: 12.987 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

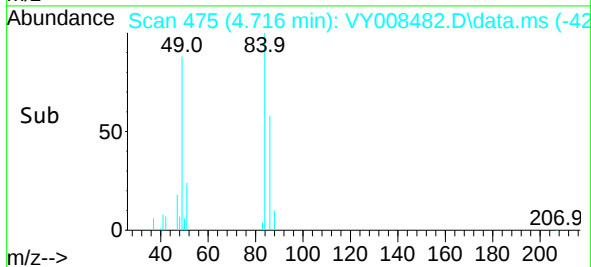
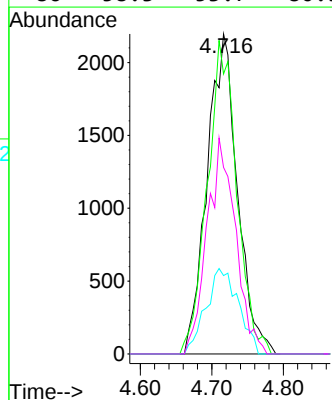
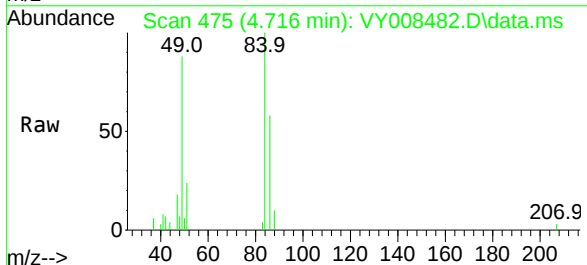
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

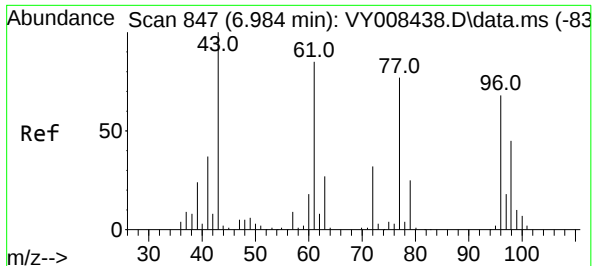
Tgt Ion: 43 Resp: 4475
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion: 84 Resp: 6465
Ion Ratio Lower Upper
84 100
49 87.5 114.4 171.6#
51 24.5 35.3 52.9#
86 58.3 53.7 80.5





#25

2-Butanone

Concen: 1.895 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

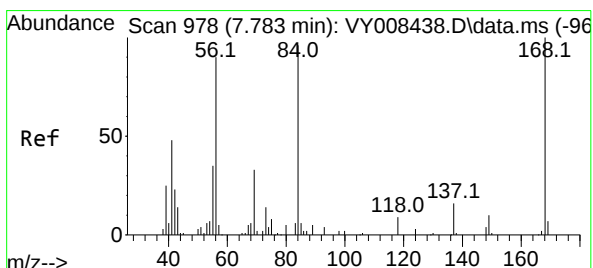
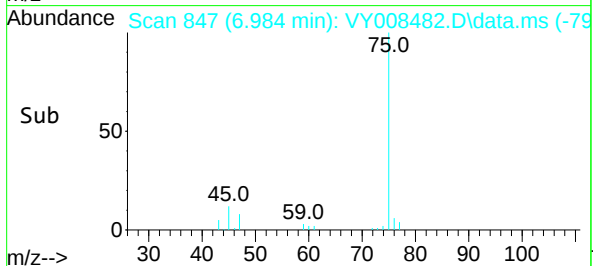
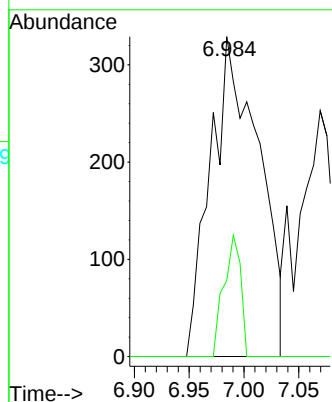
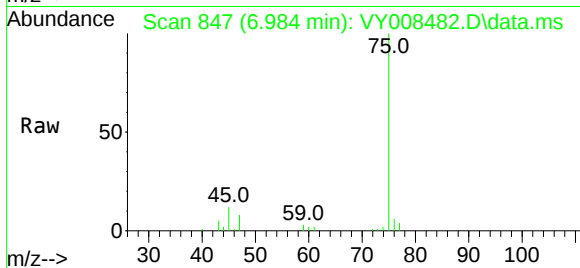
VIBLK

Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

43 100

72 23.7 17.7 26.5



#31

Cyclohexane

Concen: 1.018 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

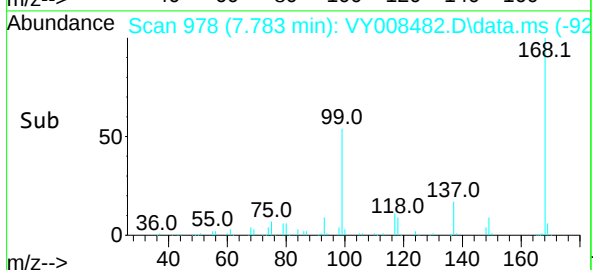
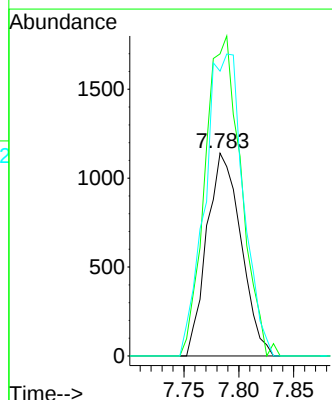
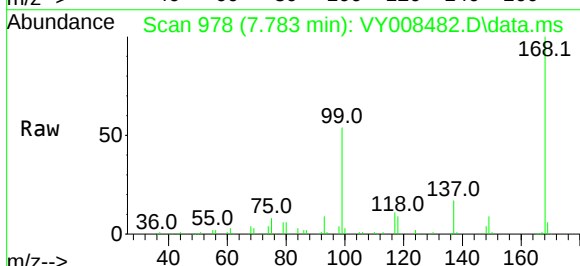
Tgt Ion: 56 Resp: 2476

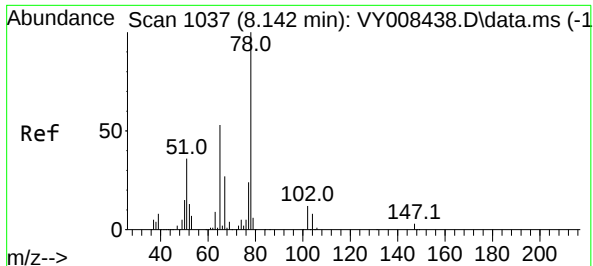
Ion Ratio Lower Upper

56 100

69 149.0 26.7 40.1#

84 140.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 44.632 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

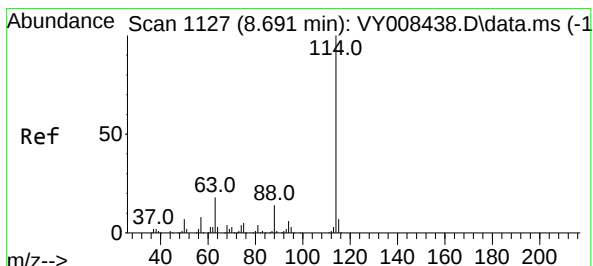
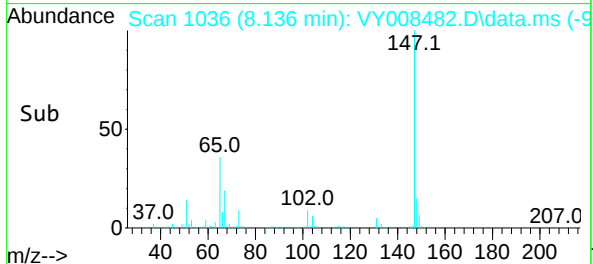
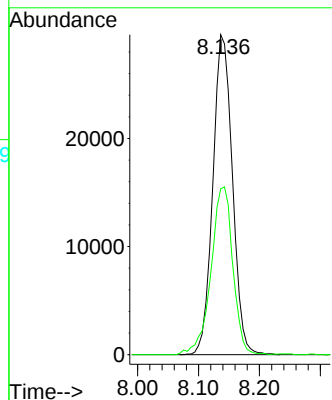
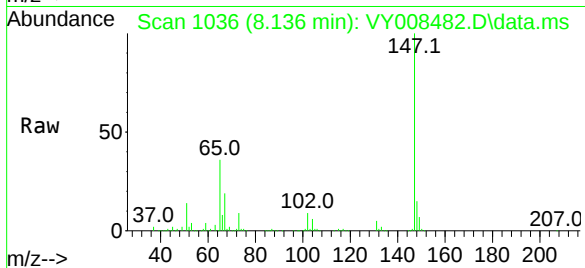
VIBLK

Tgt Ion: 65 Resp: 66025

Ion Ratio Lower Upper

65 100

67 58.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

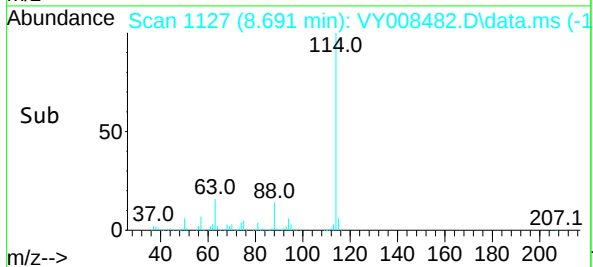
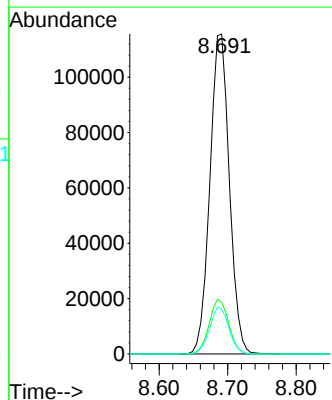
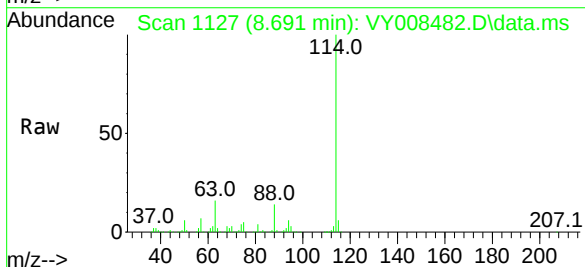
Tgt Ion: 114 Resp: 227588

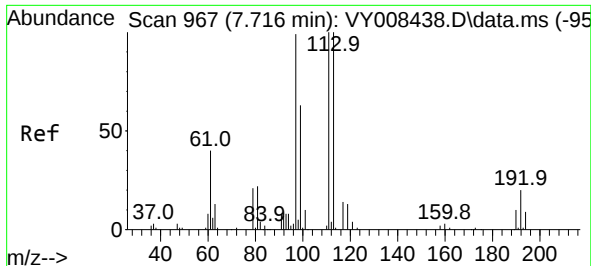
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.0 0.0 31.8

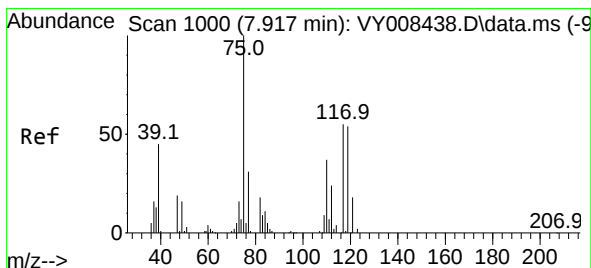
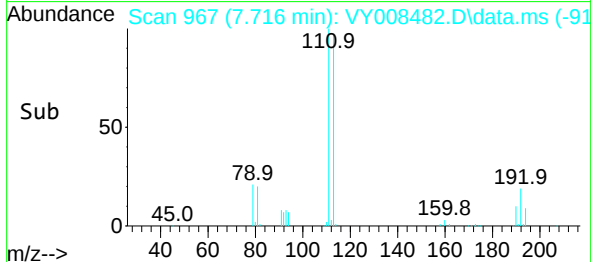
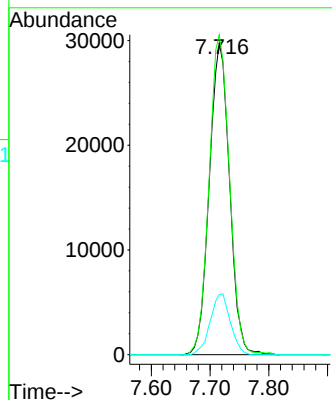
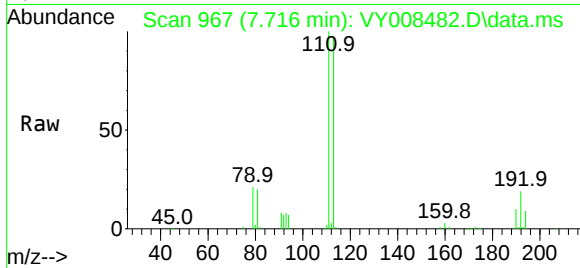




#35
Dibromofluoromethane
Concen: 48.458 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

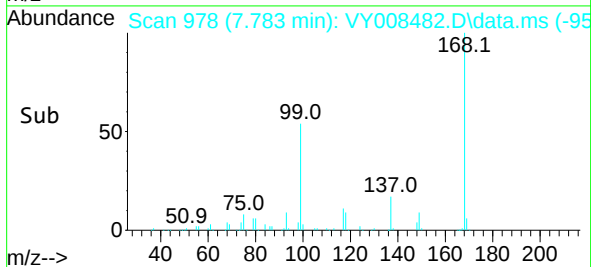
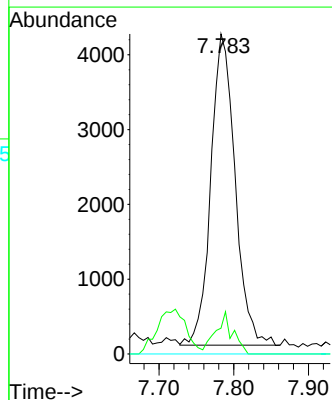
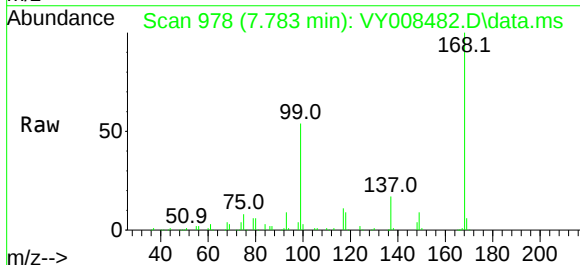
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

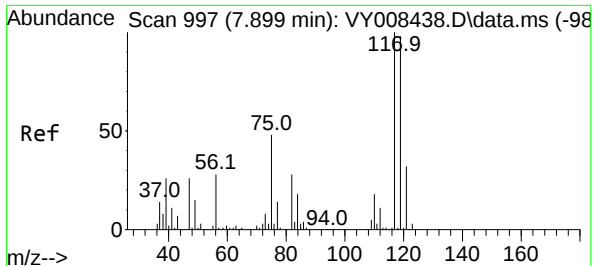
Tgt Ion:	113	Resp:	71176
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.031 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

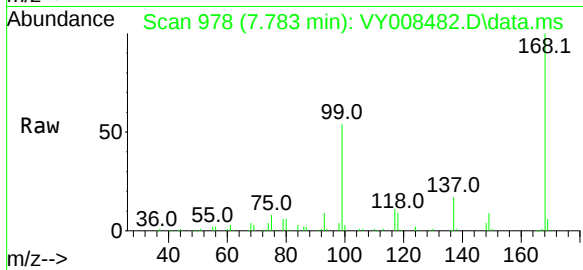
Tgt Ion:	75	Resp:	9419
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#



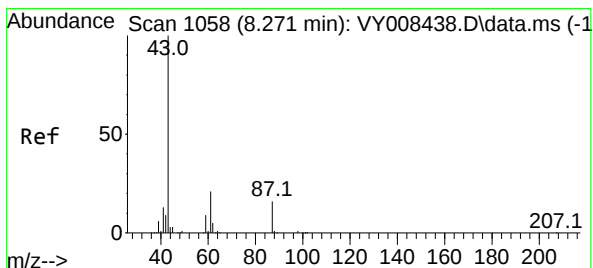
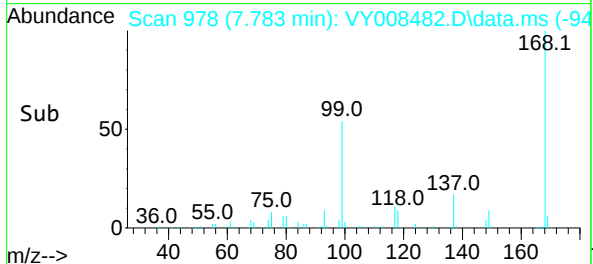
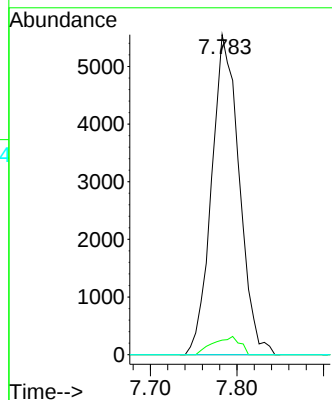


#38
Carbon Tetrachloride
Concen: 5.065 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

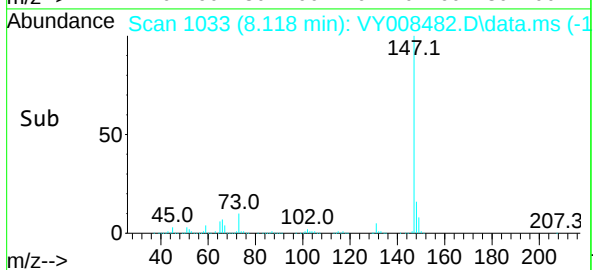
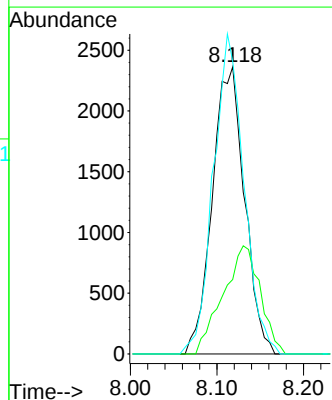
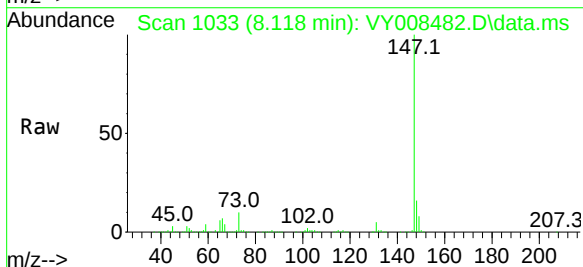


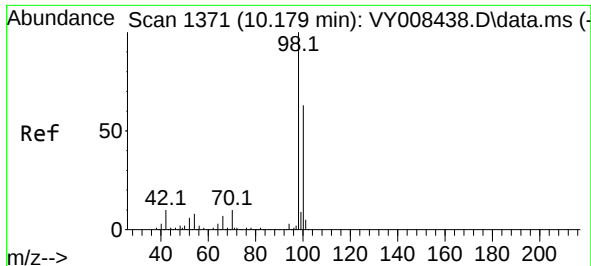
Tgt Ion:117 Resp: 12296
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 2.569 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.153 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion: 43 Resp: 6105
Ion Ratio Lower Upper
43 100
61 43.4 20.2 30.2#
87 105.5 8.9 13.3#

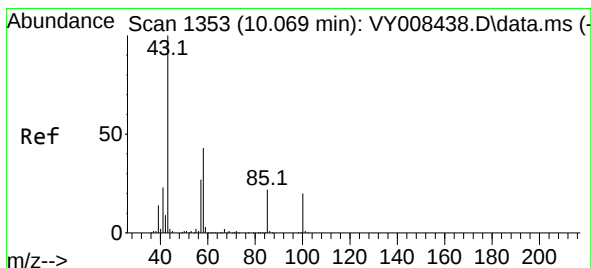
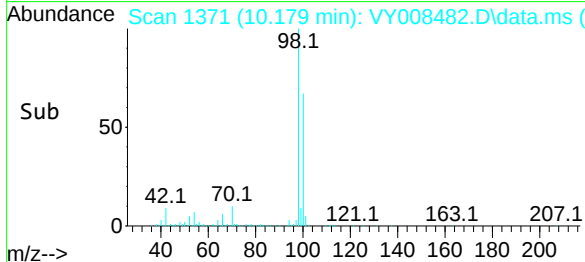
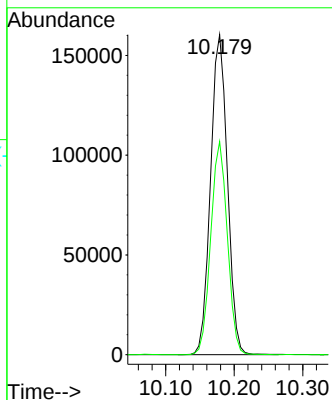
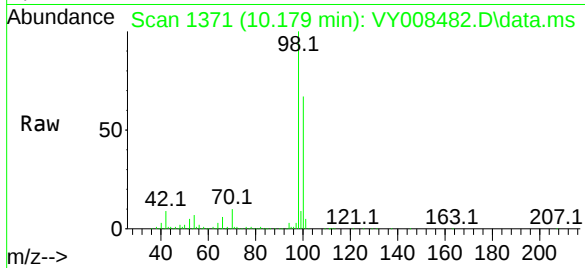




#50
Toluene-d8
Concen: 46.928 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

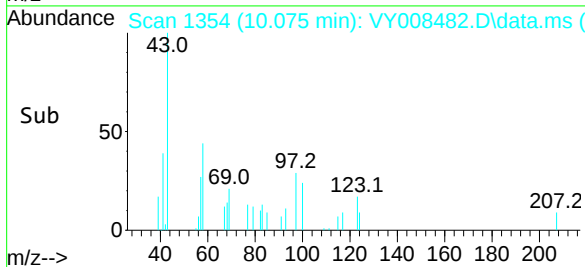
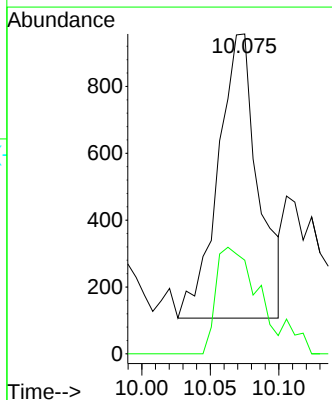
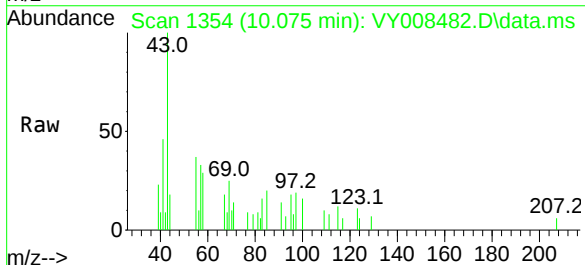
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

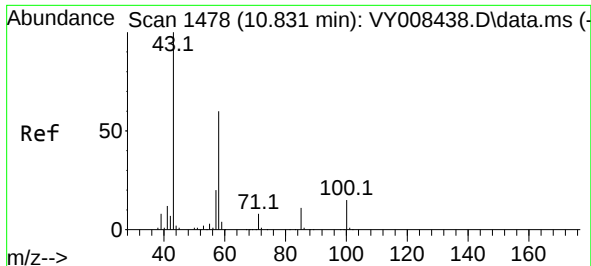
Tgt Ion: 98 Resp: 273878
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.389 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1

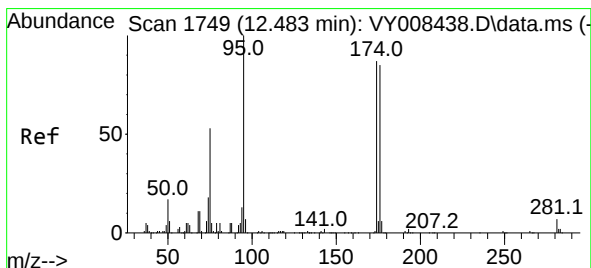
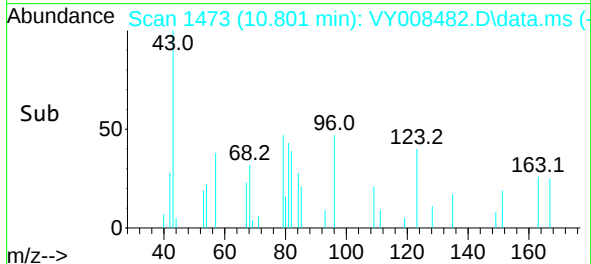
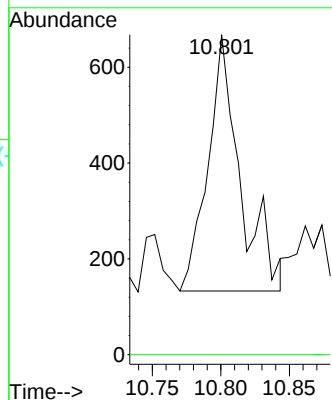
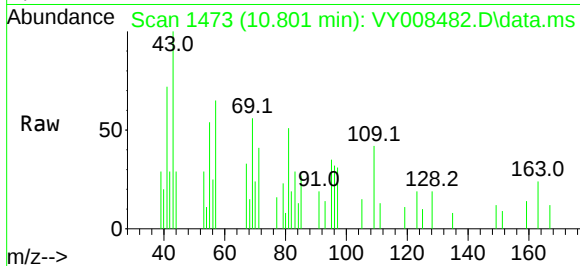




#59
2-Hexanone
Concen: 1.019 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

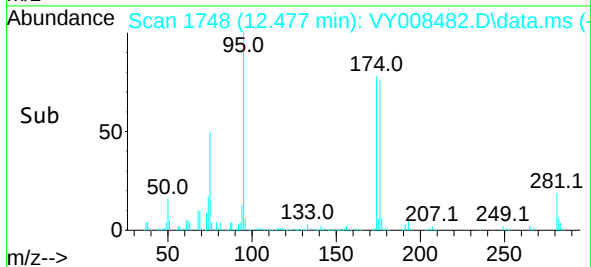
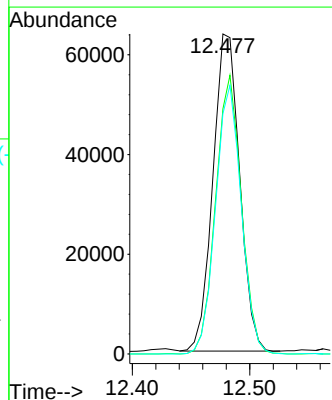
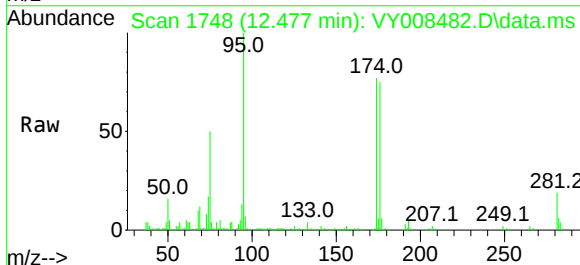
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

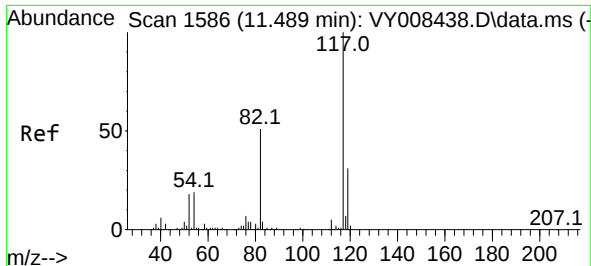
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 50.776 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion: 95 Resp: 100425
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.6 0.0 175.8

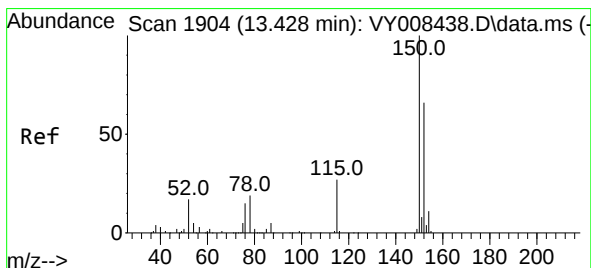
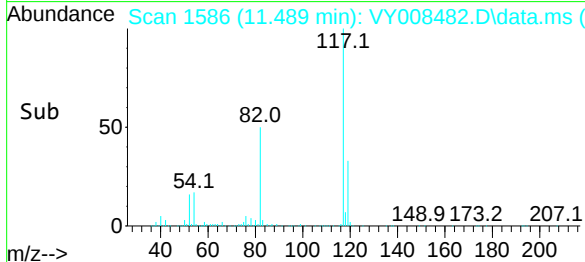
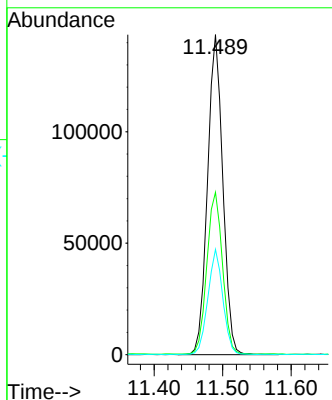
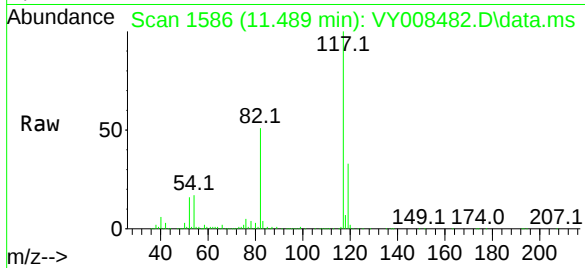




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

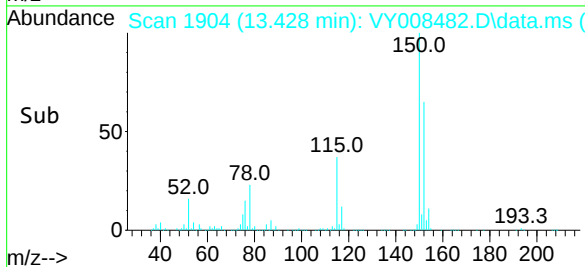
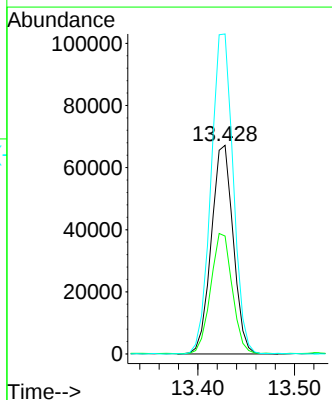
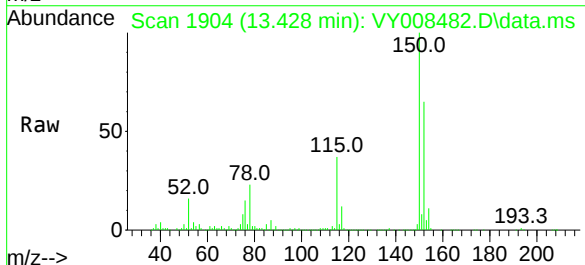
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

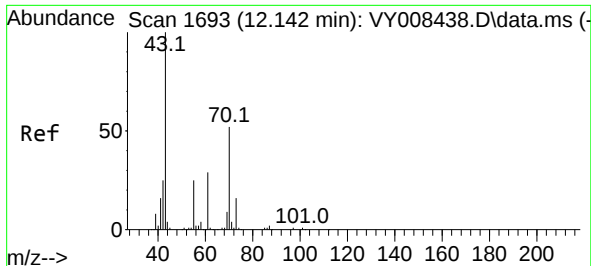
Tgt Ion:117 Resp: 222942
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion:152 Resp: 105728
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 155.6 0.0 347.6

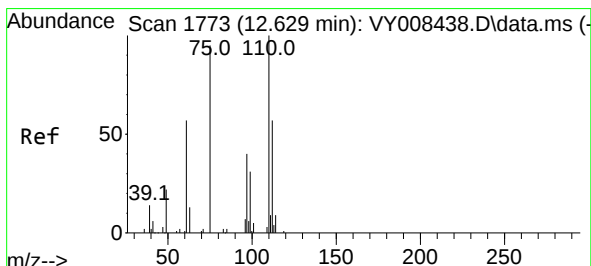
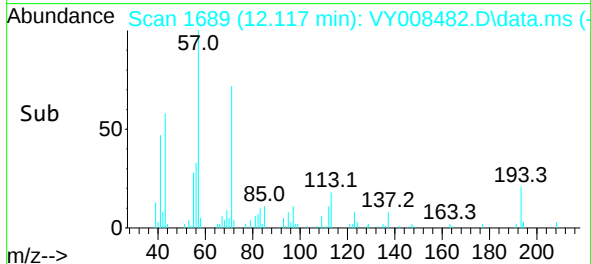
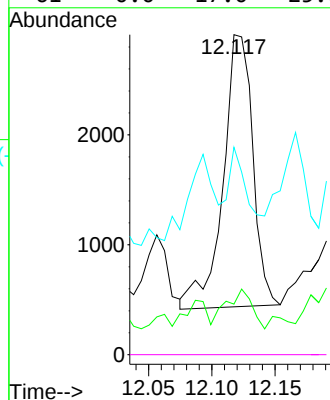
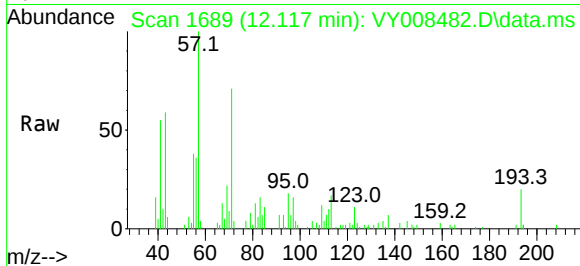




#74
N-amy1 acetate
Concen: 2.041 ug/l
RT: 12.117 min Scan# 1
Delta R.T. -0.025 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

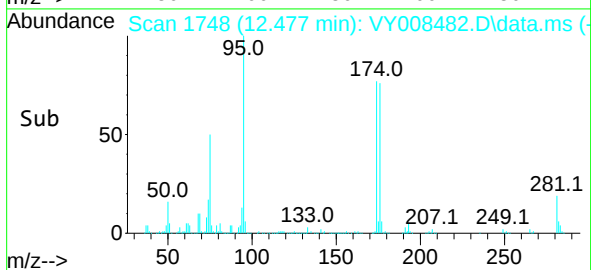
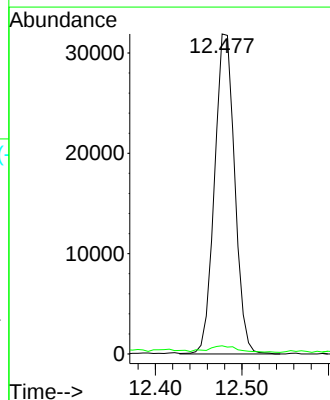
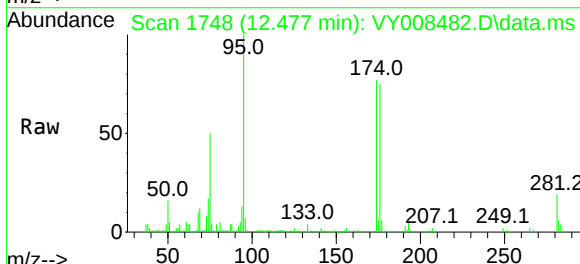
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

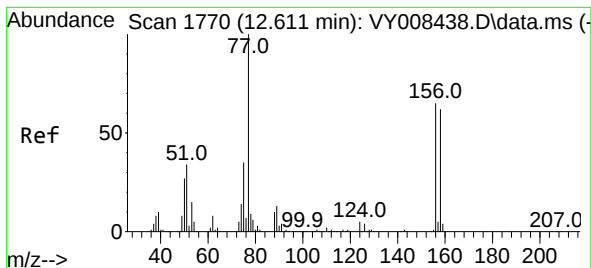
Tgt Ion:	43	Resp:	4043
Ion	Ratio	Lower	Upper
43	100		
70	15.2	28.7	43.1#
55	50.1	17.3	25.9#
61	0.0	17.0	25.6#



#76
1,2,3-Trichloropropane
Concen: 37.748 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY008482.D
Acq: 25 Apr 2022 15:17

Tgt Ion:	75	Resp:	51651
Ion	Ratio	Lower	Upper
75	100		
77	3.0	0.0	0.0#





#77

Bromobenzene

Concen: 2.403 ug/l

RT: 12.398 min Scan# 1

Delta R.T. -0.213 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

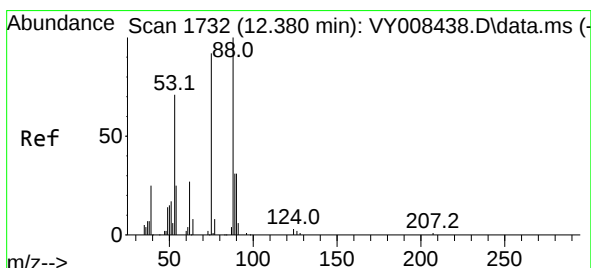
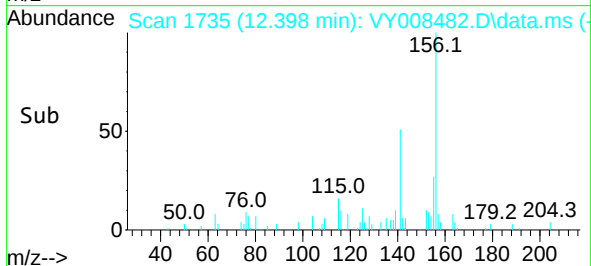
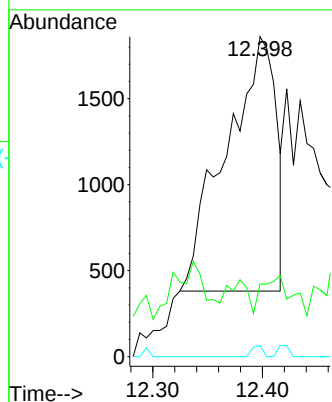
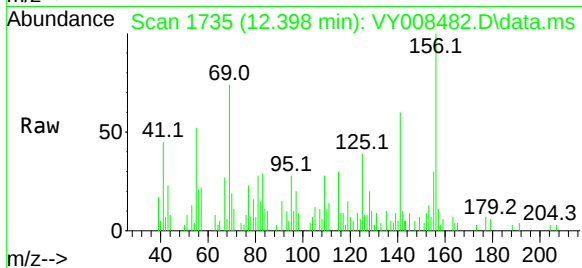
Tgt Ion:156 Resp: 4697

Ion Ratio Lower Upper

156 100

77 5.0 95.5 286.4#

158 0.9 48.0 144.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.572 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY008482.D

Acq: 25 Apr 2022 15:17

Tgt Ion: 75 Resp: 51651

Ion Ratio Lower Upper

75 100

53 0.7 85.3 127.9#

89 1.2 37.0 55.4#

