

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007436.D
 Acq On : 08 Feb 2022 16:20
 Operator : SY/MD
 Sample : N1432-19
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-7

Quant Time: Feb 09 00:57:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

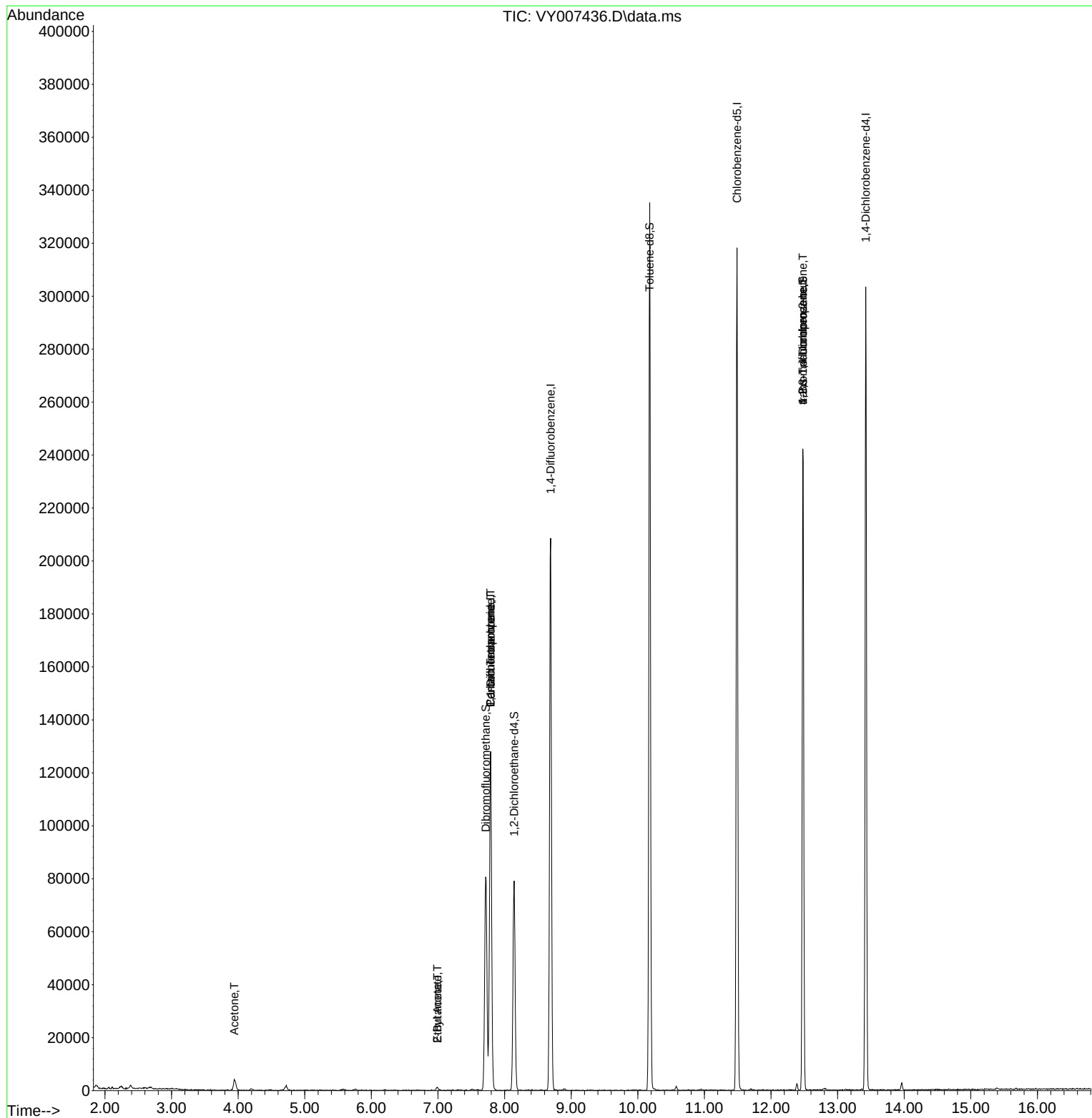
Internal Standards						
1) Pentafluorobenzene	7.789	168	92815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61494	57.600	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 115.200%		
35) Dibromofluoromethane	7.716	113	58423	51.040	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.080%		
50) Toluene-d8	10.179	98	217352	51.396	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.800%		
62) 4-Bromofluorobenzene	12.477	95	76598	53.290	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.580%		
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	347	Below Cal	#	58
11) Tert butyl alcohol	4.924	59	48	Below Cal	#	77
16) Acetone	3.942	43	7118	20.529	ug/l #	80
20) Methylene Chloride	4.722	84	1082	Below Cal		89
25) 2-Butanone	6.990	43	1558	3.719	ug/l	97
36) 1,1-Dichloropropene	7.789	75	8052	4.024	ug/l #	50
37) Ethyl Acetate	6.990	43	1558	1.566	ug/l #	72
38) Carbon Tetrachloride	7.789	117	10252	4.876	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	40833	47.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40833	94.671	ug/l #	7

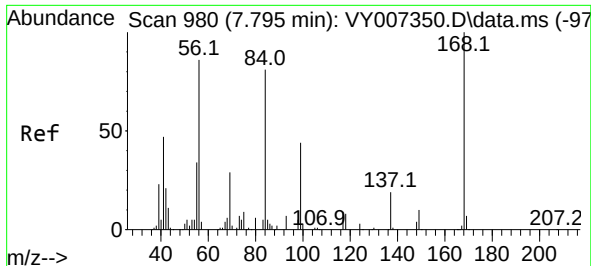
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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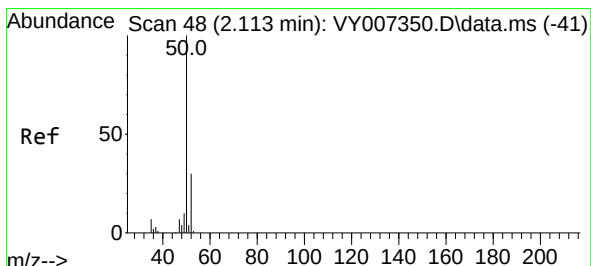
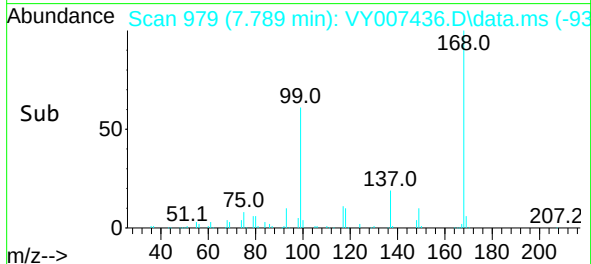
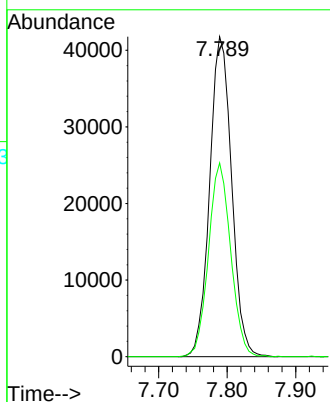
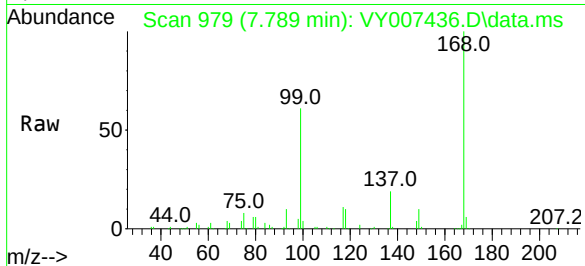




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

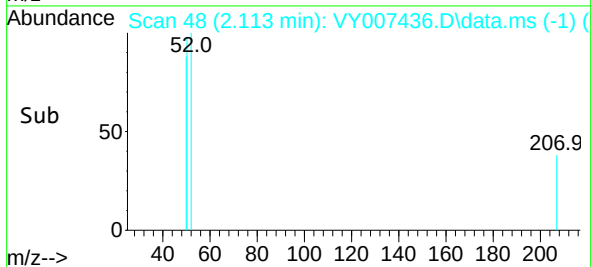
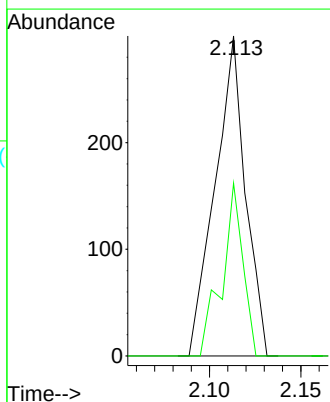
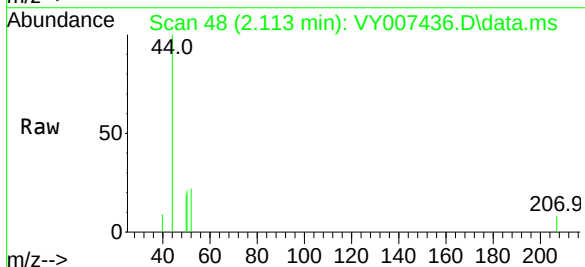
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

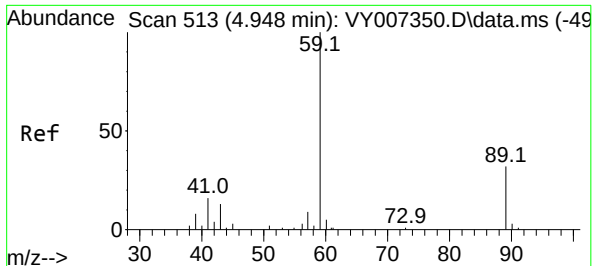
Tgt Ion:168 Resp: 92815
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 54.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

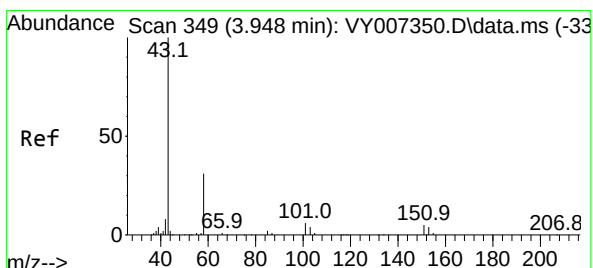
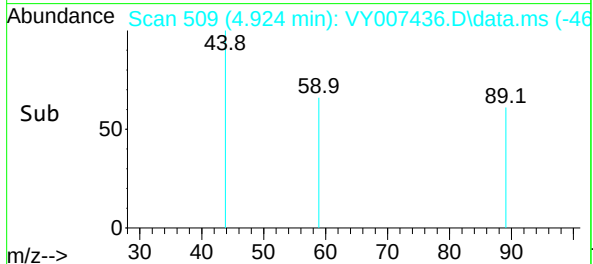
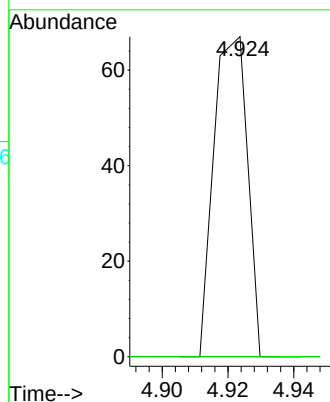
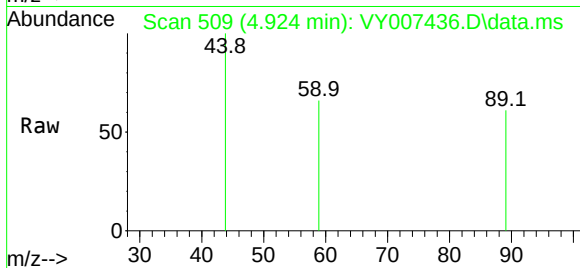
SP-7

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 20.529 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007436.D

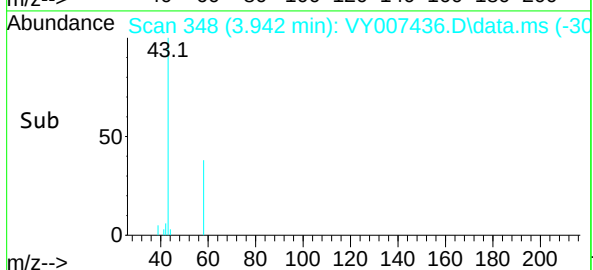
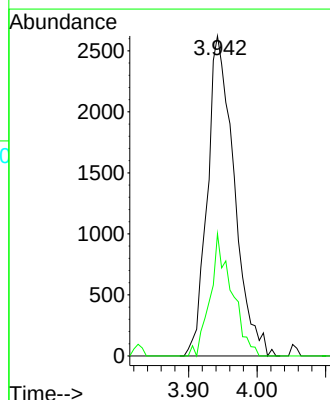
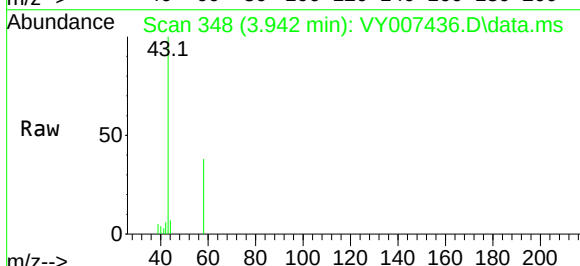
Acq: 08 Feb 2022 16:20

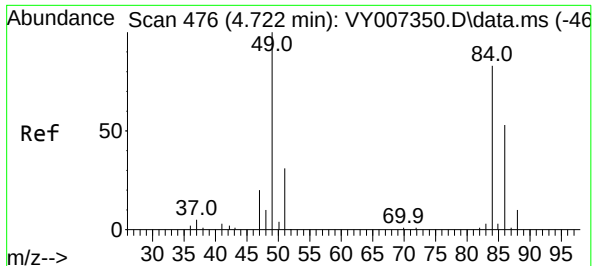
Tgt Ion: 43 Resp: 7118

Ion Ratio Lower Upper

43 100

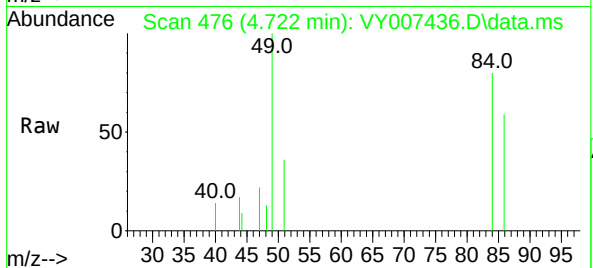
58 38.2 22.0 33.0#





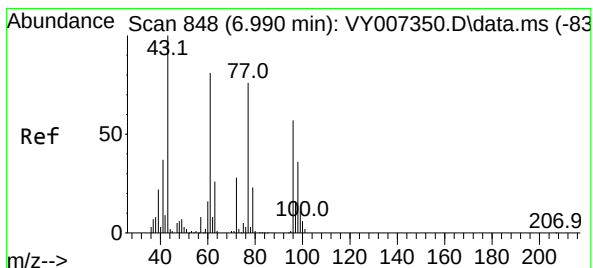
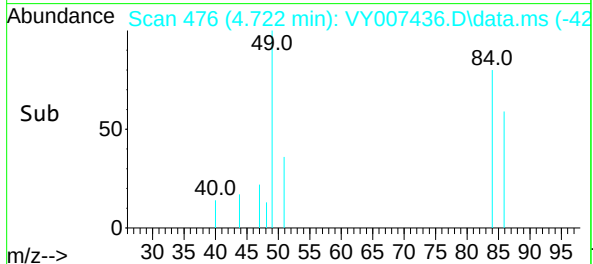
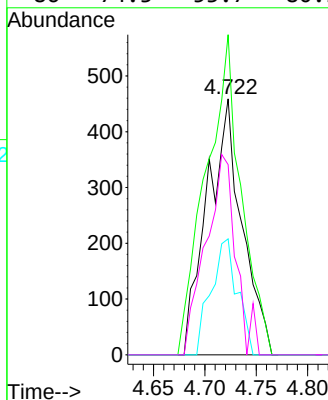
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Instrument :
MSVOA_Y
ClientSampleId :
SP-7



Tgt Ion: 84 Resp: 1082

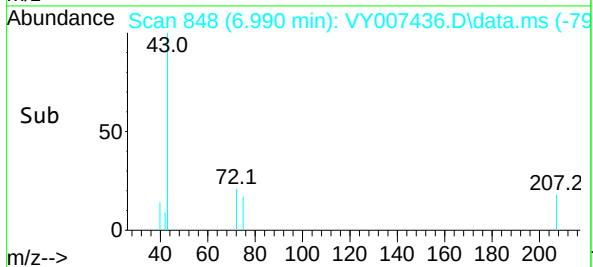
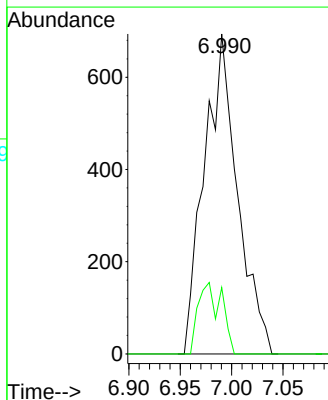
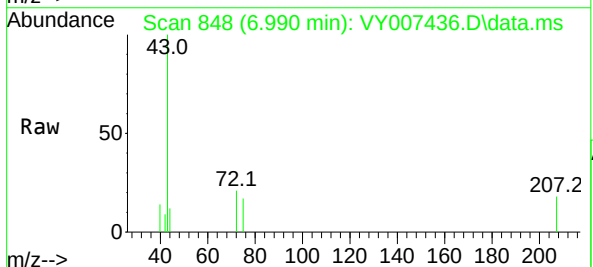
Ion	Ratio	Lower	Upper
84	100		
49	125.1	114.4	171.6
51	45.3	35.3	52.9
86	74.3	53.7	80.5

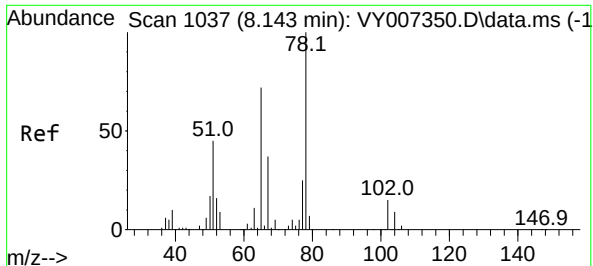


#25
2-Butanone
Concen: 3.719 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
72	20.7	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 57.600 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

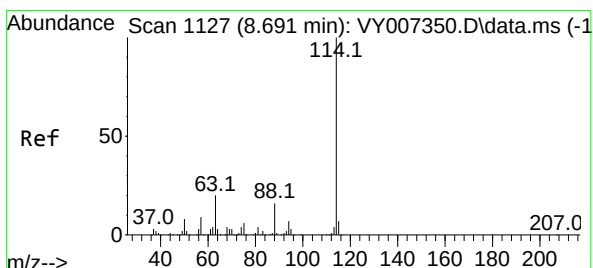
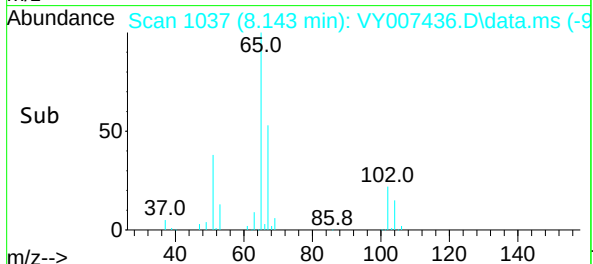
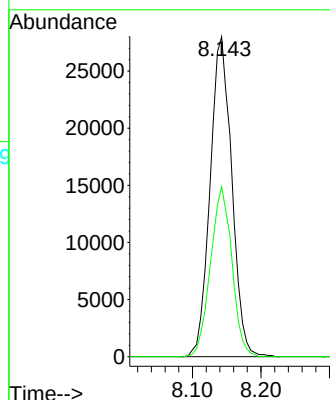
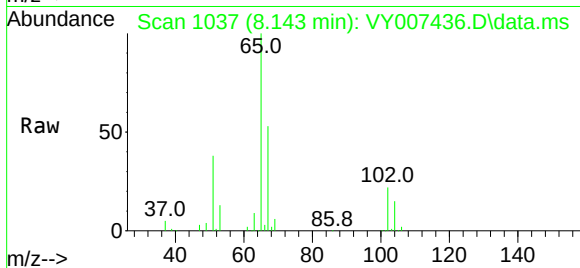
SP-7

Tgt Ion: 65 Resp: 61494

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007436.D

Acq: 08 Feb 2022 16:20

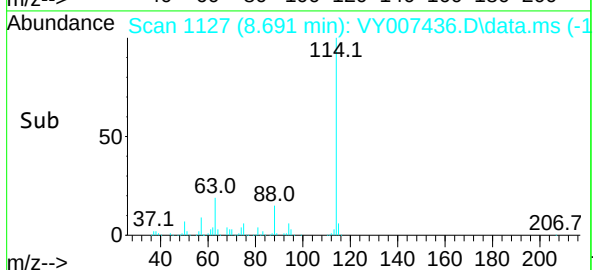
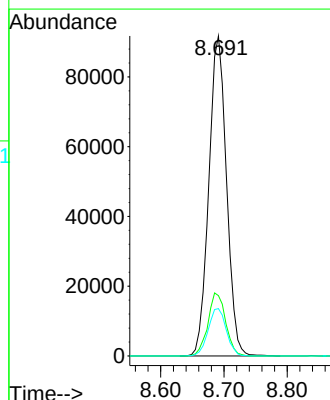
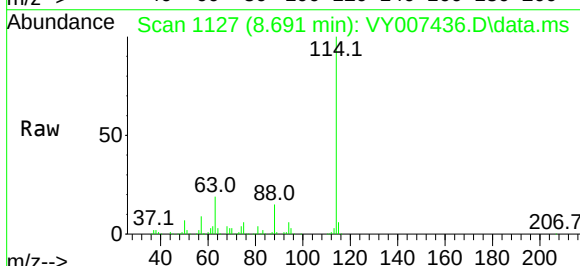
Tgt Ion: 114 Resp: 178258

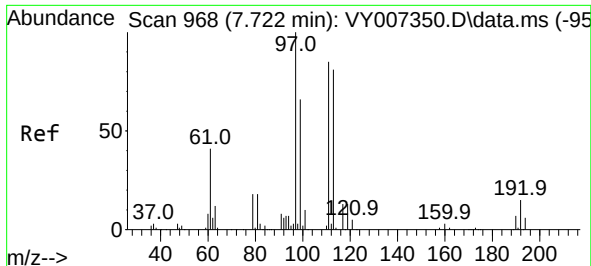
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.8 0.0 31.8

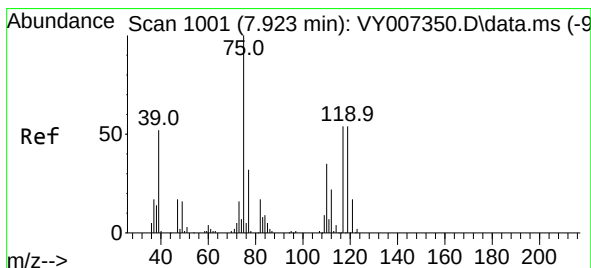
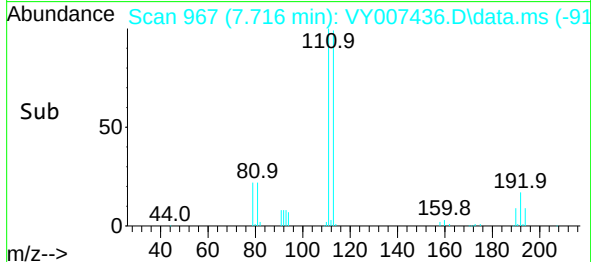
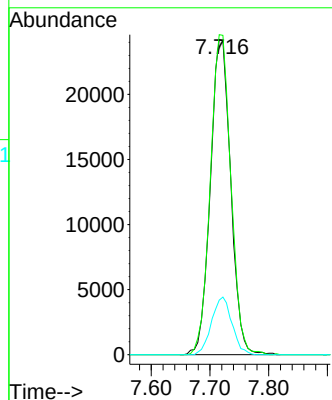
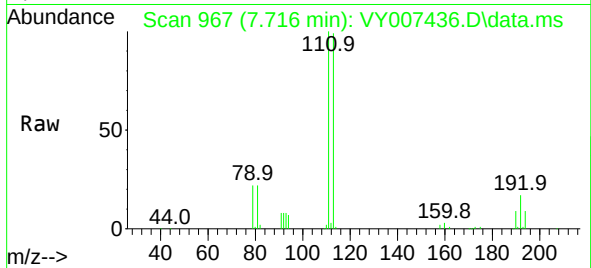




#35
Dibromofluoromethane
Concen: 51.040 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

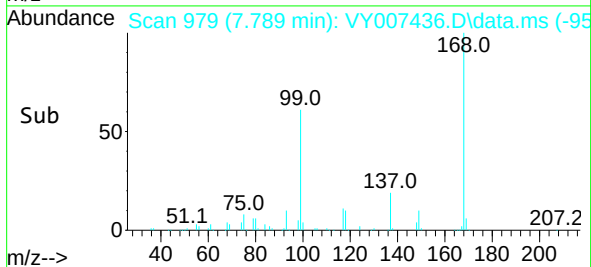
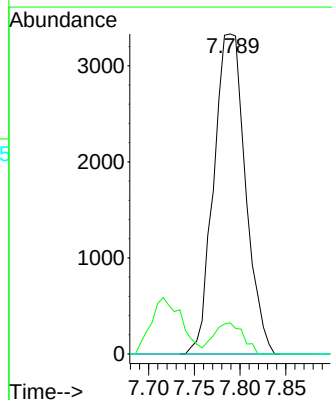
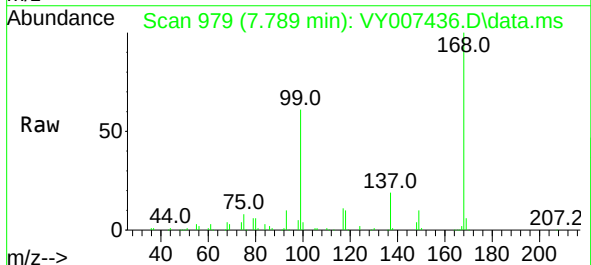
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

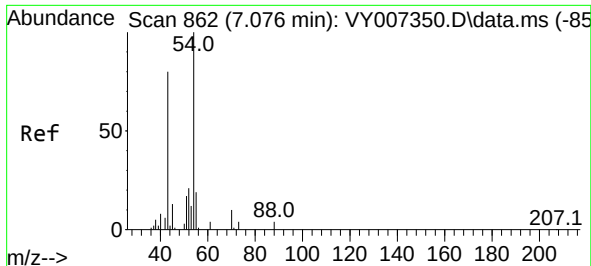
Tgt Ion:113 Resp: 58423
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.024 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Tgt Ion: 75 Resp: 8052
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.566 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SP-7

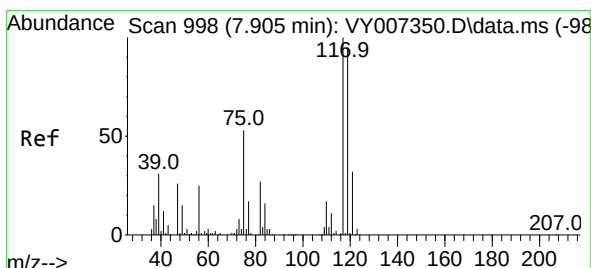
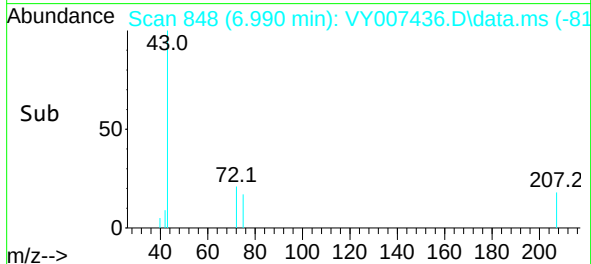
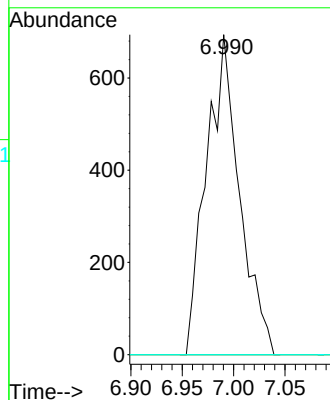
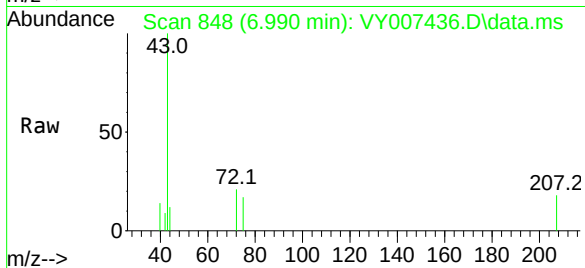
Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.876 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

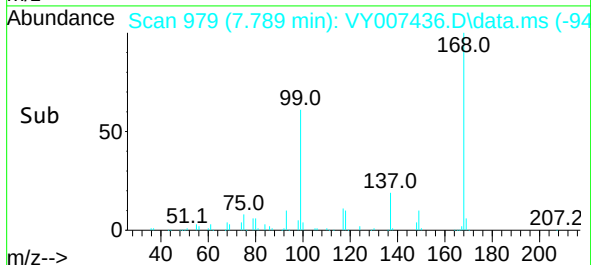
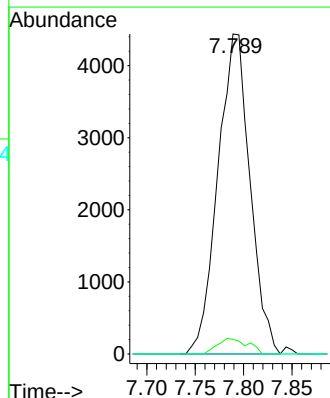
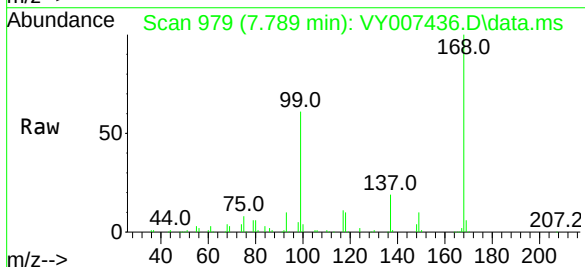
Tgt Ion: 117 Resp: 10252

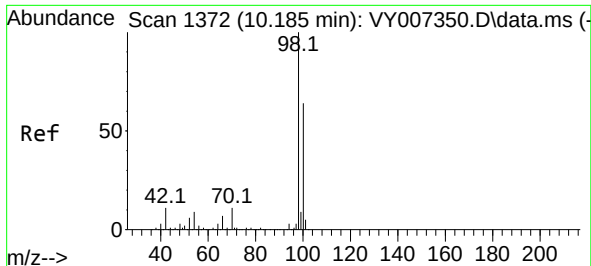
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

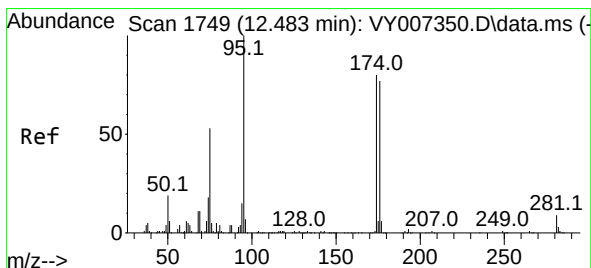
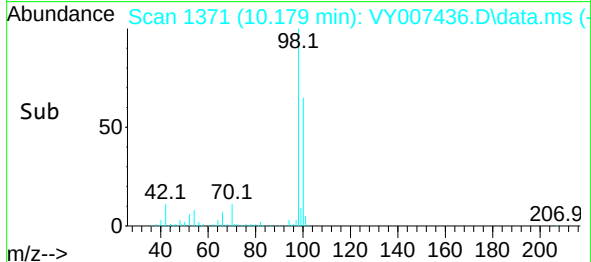
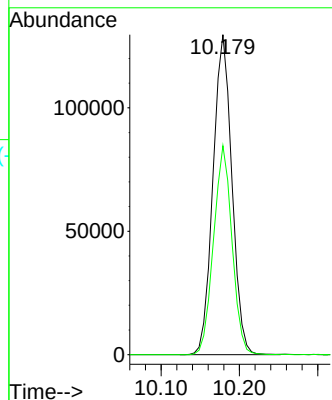
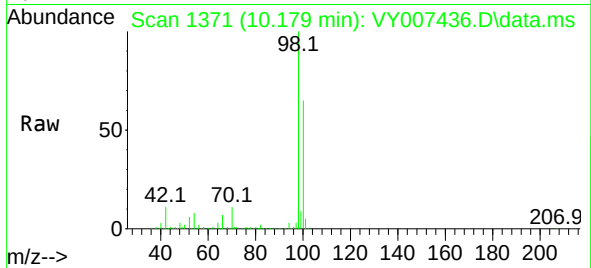




#50
Toluene-d8
Concen: 51.396 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

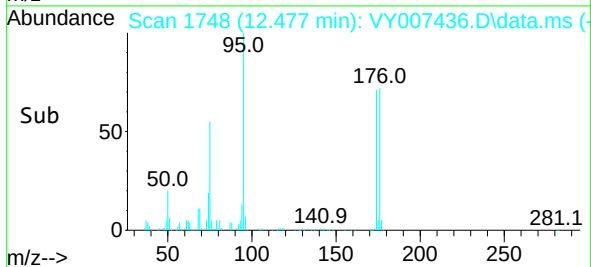
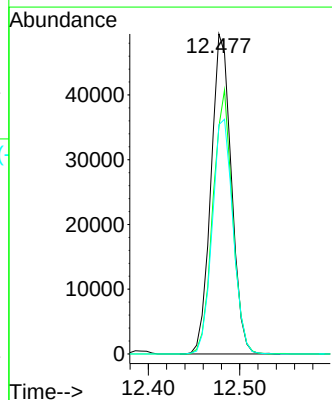
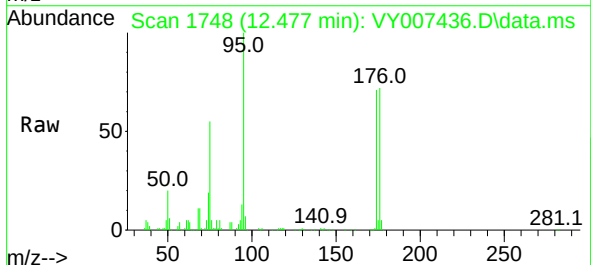
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

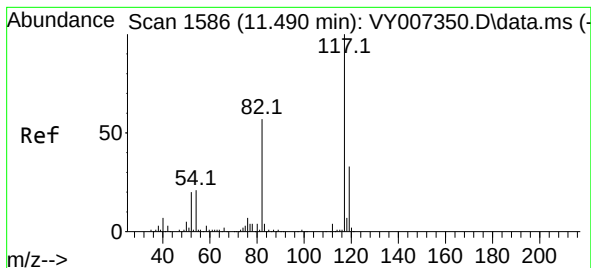
Tgt Ion: 98 Resp: 217352
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.290 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Tgt Ion: 95 Resp: 76598
Ion Ratio Lower Upper
95 100
174 79.0 0.0 177.0
176 74.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SP-7

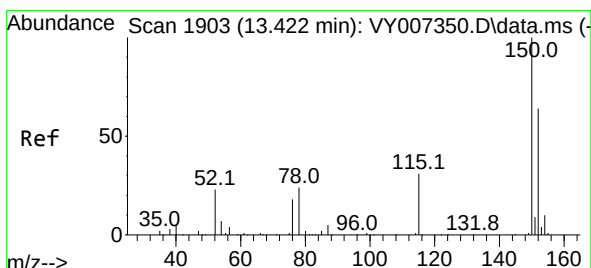
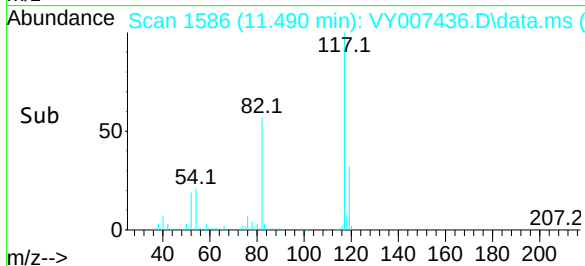
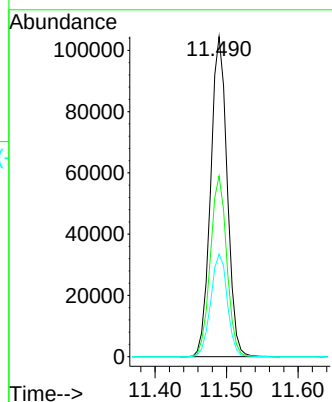
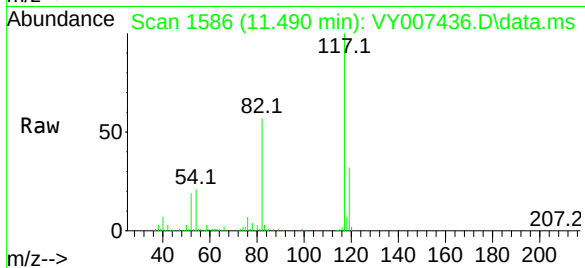
Tgt Ion:117 Resp: 167698

Ion Ratio Lower Upper

117 100

82 56.5 43.0 64.4

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007436.D

Acq: 08 Feb 2022 16:20

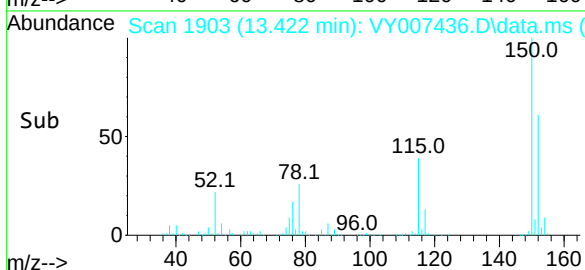
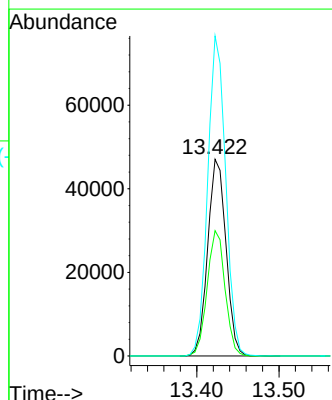
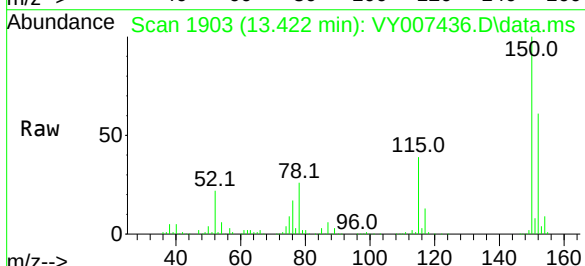
Tgt Ion:152 Resp: 72686

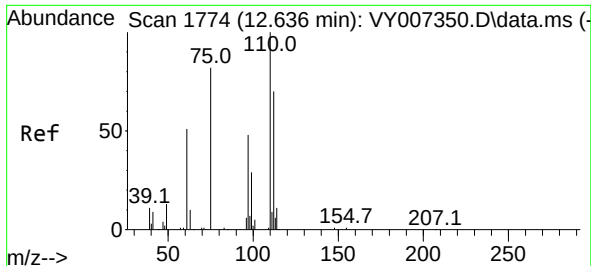
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 159.6 0.0 347.6

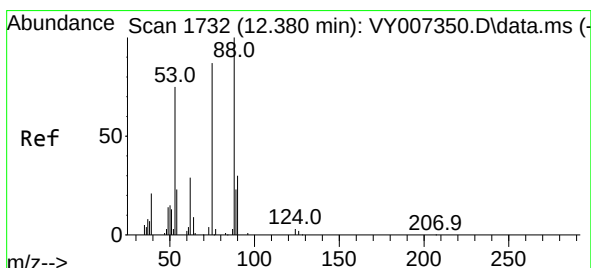
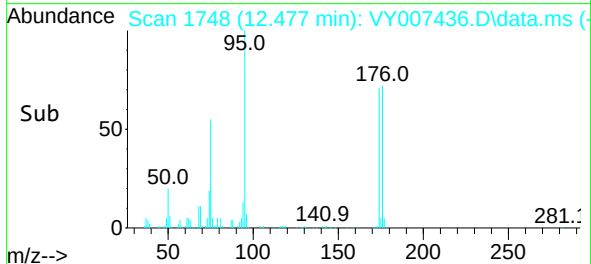
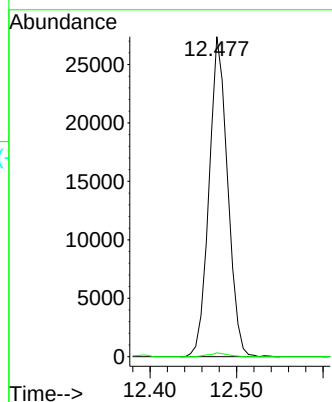
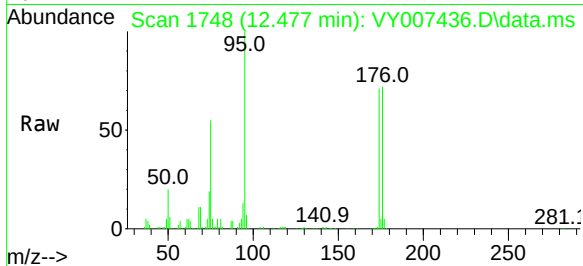




#76
1,2,3-Trichloropropane
Concen: 47.255 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Instrument :
MSVOA_Y
ClientSampleId :
SP-7

Tgt Ion: 75 Resp: 40833
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.671 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007436.D
Acq: 08 Feb 2022 16:20

Tgt Ion: 75 Resp: 40833
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

