

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007815.D
 Acq On : 09 Mar 2022 21:24
 Operator : SY/MD
 Sample : N1825-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:06:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	136696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92823	64.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.720%
35) Dibromofluoromethane	7.722	113	83541	55.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.400%
50) Toluene-d8	10.179	98	292968	52.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.483	95	85142	47.411	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.820%

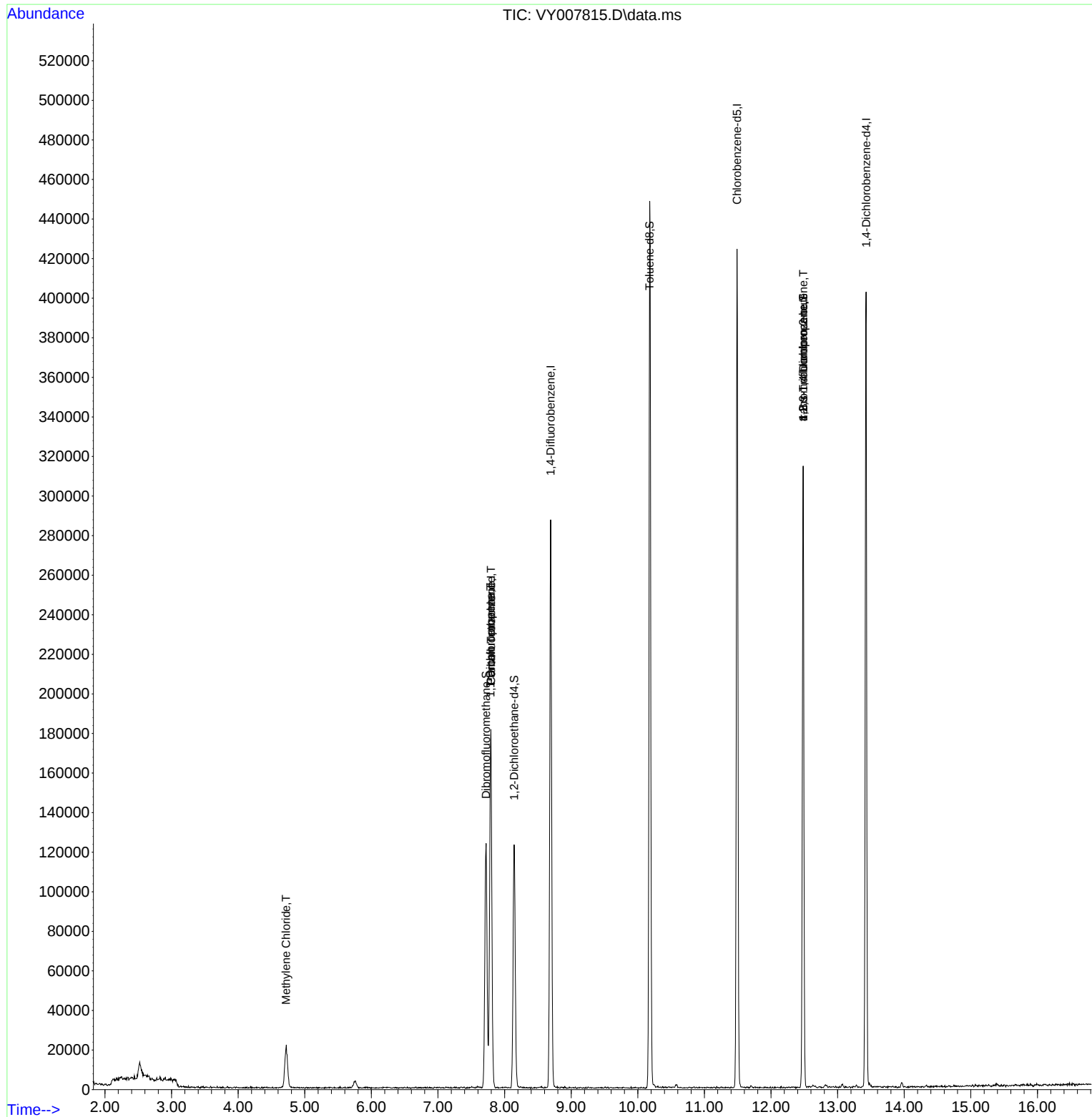
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.131	85	43	Below Cal	# 43
3) Chloromethane	2.119	50	729	Below Cal	# 84
13) Acrolein	3.729	56	106	Below Cal	# 14
18) Methyl Acetate	4.454	43	70	Below Cal	# 56
20) Methylene Chloride	4.716	84	14506	6.606	ug/l # 78
31) Cyclohexane	7.795	56	3343	Below Cal	# 23
36) 1,1-Dichloropropene	7.789	75	11360	4.771	ug/l # 50
38) Carbon Tetrachloride	7.795	117	14558	5.732	ug/l # 15
76) 1,2,3-Trichloropropane	12.483	75	48361	44.718	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	48361	91.420	ug/l # 7

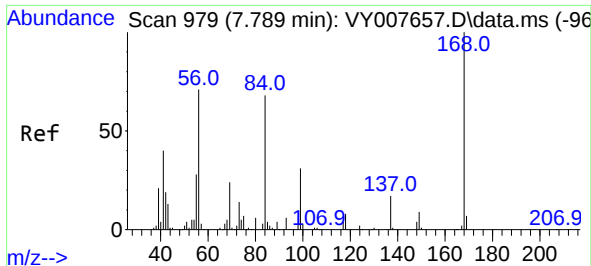
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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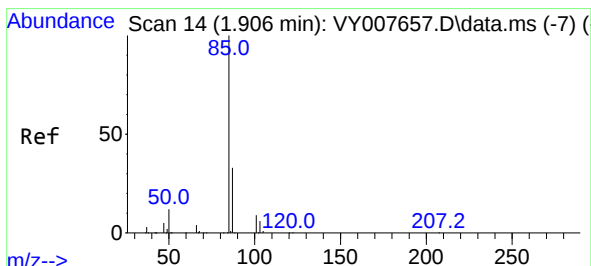
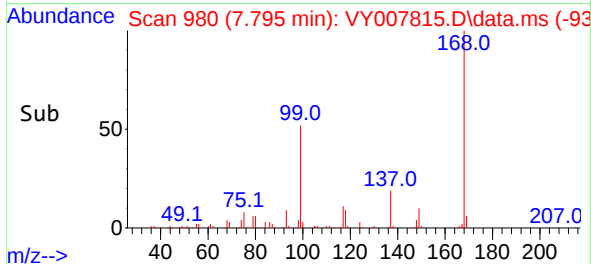
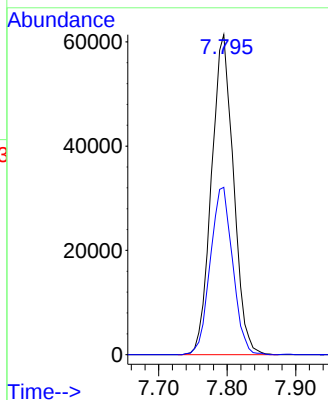
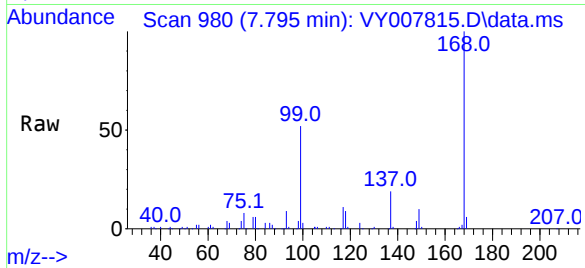




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

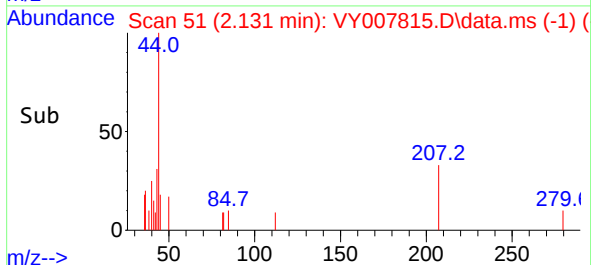
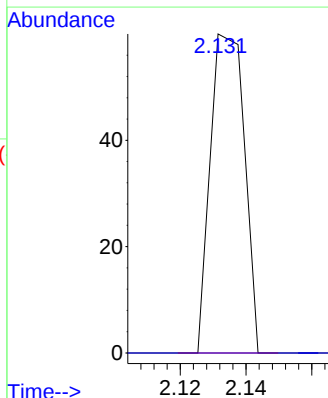
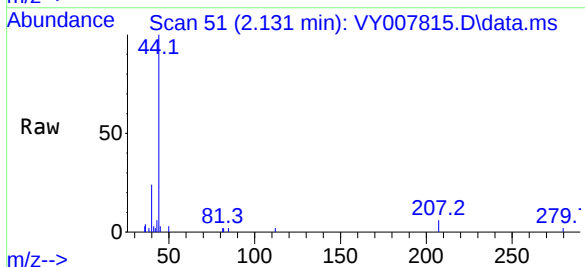
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 136696
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3

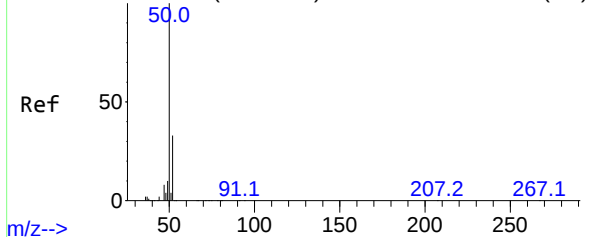


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.131 min Scan# 51
Delta R.T. 0.225 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 85 Resp: 43
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

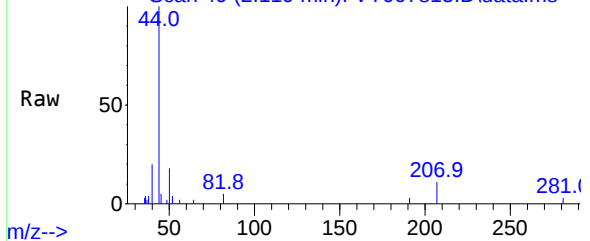
Tgt Ion: 50 Resp: 729

Ion Ratio Lower Upper

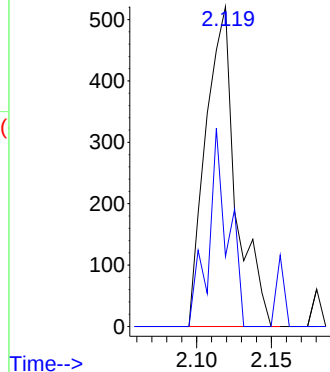
50 100

52 21.9 24.6 37.0#

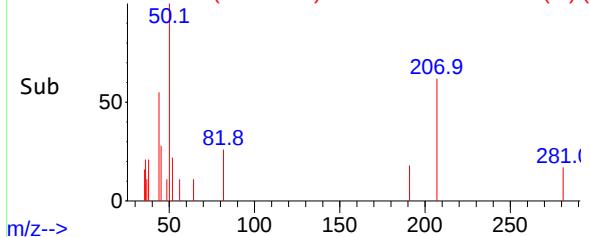
Abundance Scan 49 (2.119 min): VY007815.D\data.ms



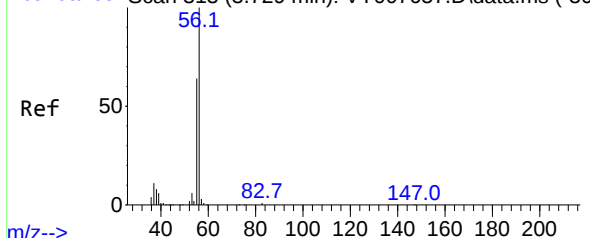
Abundance



Abundance Scan 49 (2.119 min): VY007815.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

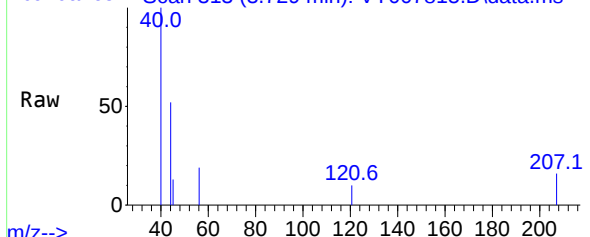
Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

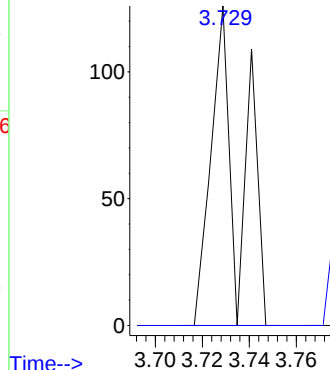
56 100

55 0.0 57.6 86.4#

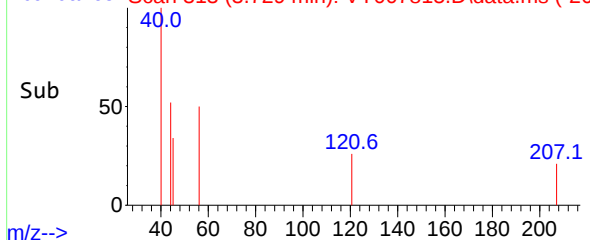
Abundance Scan 313 (3.729 min): VY007815.D\data.ms

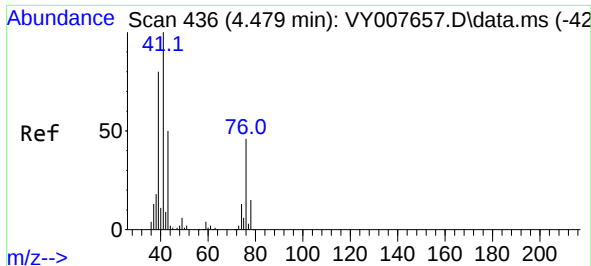


Abundance



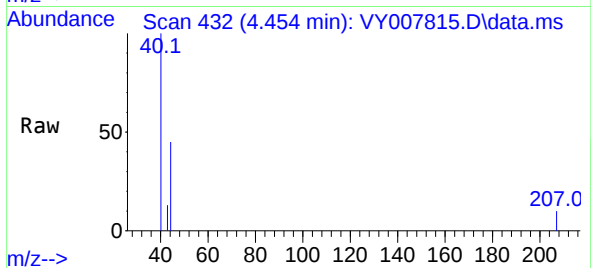
Abundance Scan 313 (3.729 min): VY007815.D\data.ms (-26)



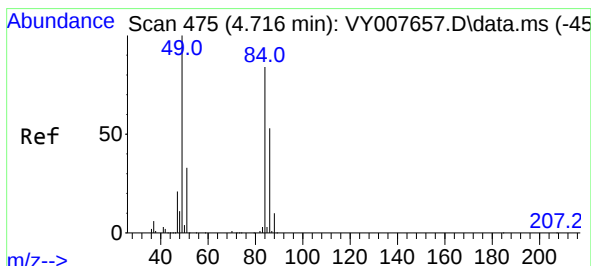
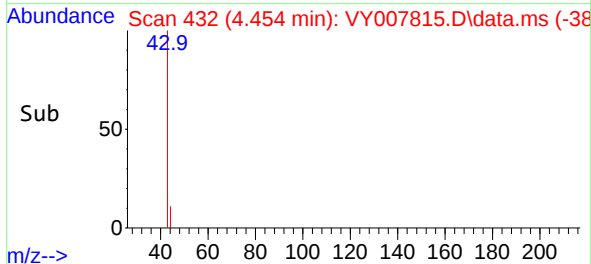
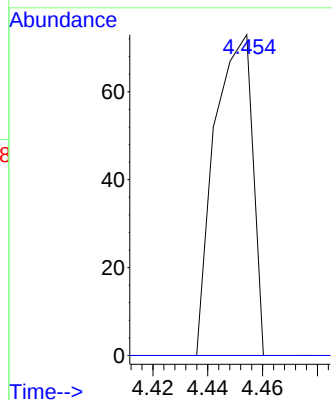


#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.025 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Instrument :
MSVOA_Y
ClientSampleId :

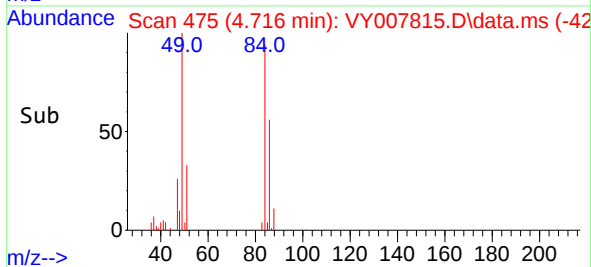
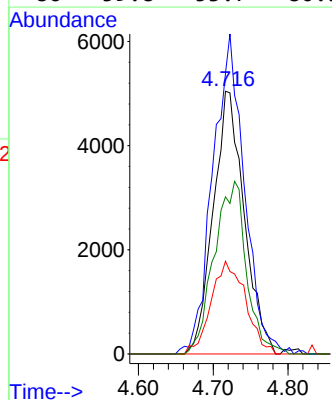
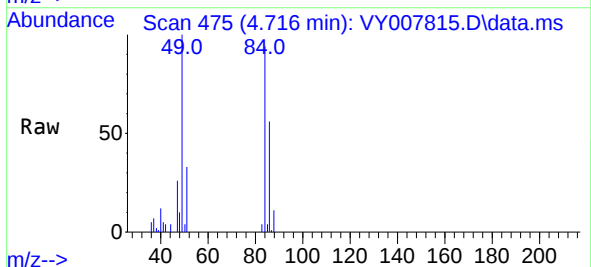


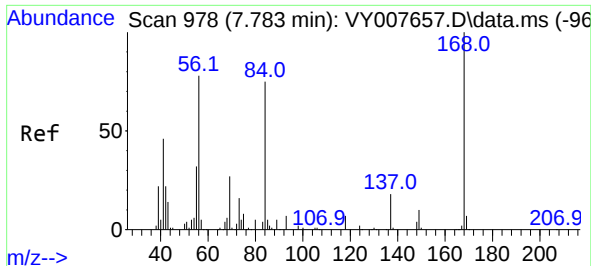
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 6.606 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

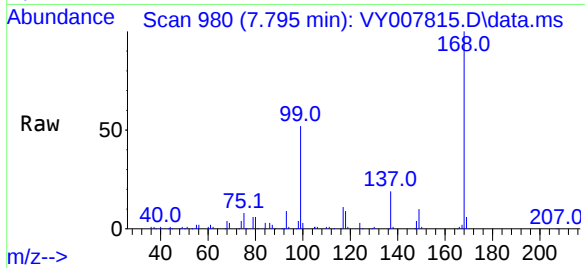
Tgt Ion: 84 Resp: 14506
Ion Ratio Lower Upper
84 100
49 105.0 114.4 171.6#
51 35.3 35.3 52.9
86 59.8 53.7 80.5



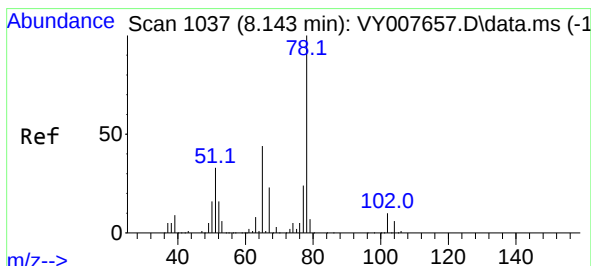
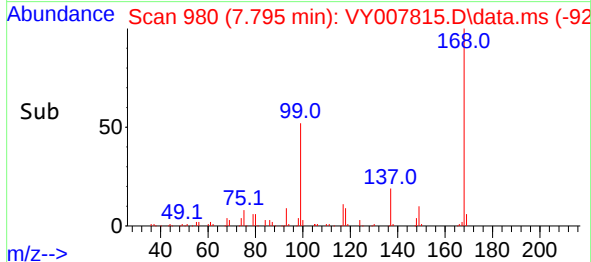
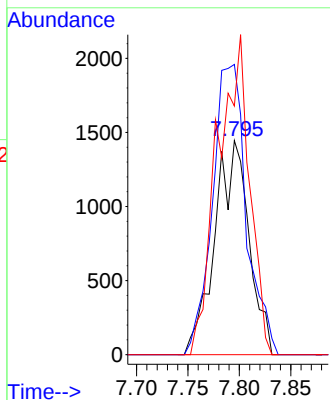


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Instrument :
MSVOA_Y
ClientSampleId :

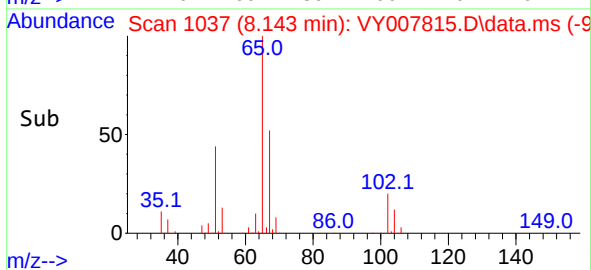
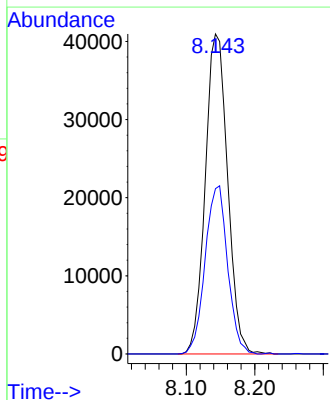
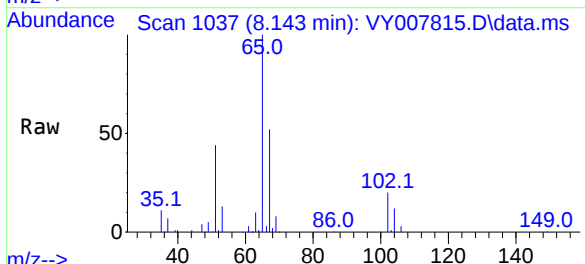


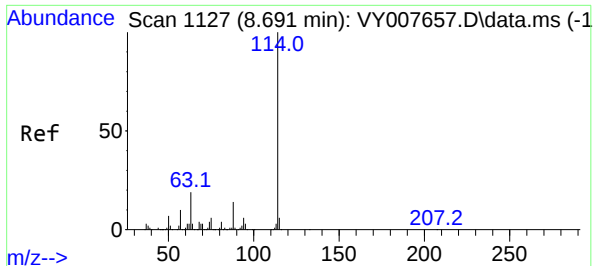
Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 135.6 26.7 40.1#
84 116.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.862 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 65 Resp: 92823
Ion Ratio Lower Upper
65 100
67 52.8 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: VY007815.D

Acq: 09 Mar 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

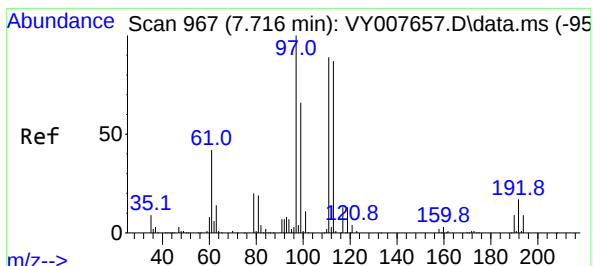
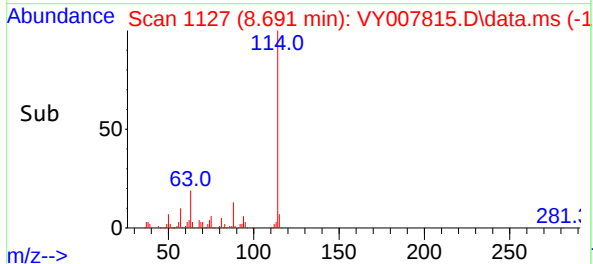
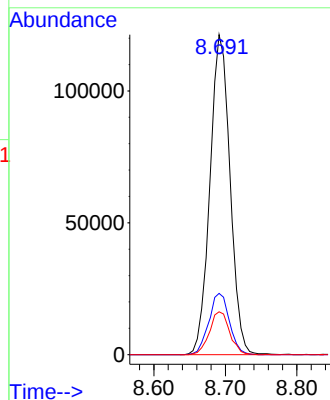
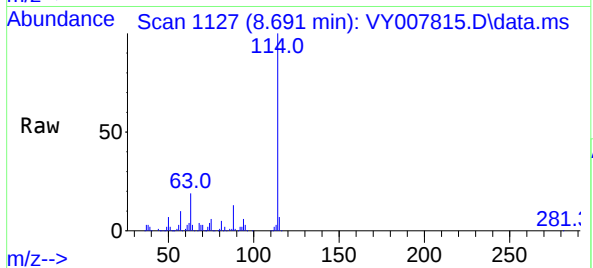
Tgt Ion:114 Resp: 236726

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.199 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

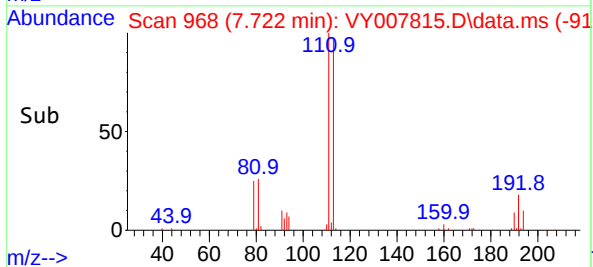
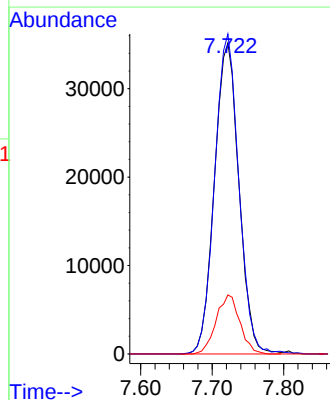
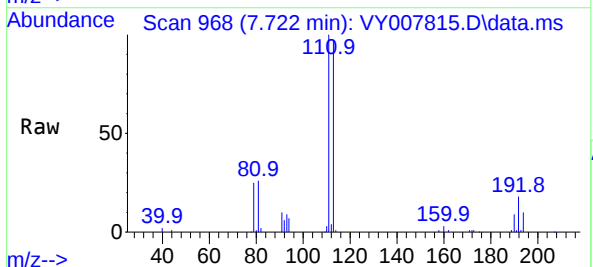
Tgt Ion:113 Resp: 83541

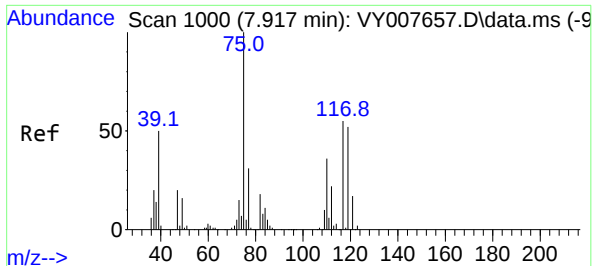
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007815.D

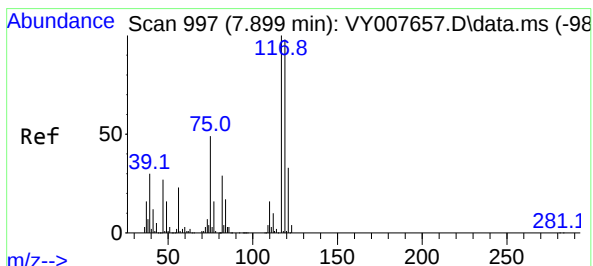
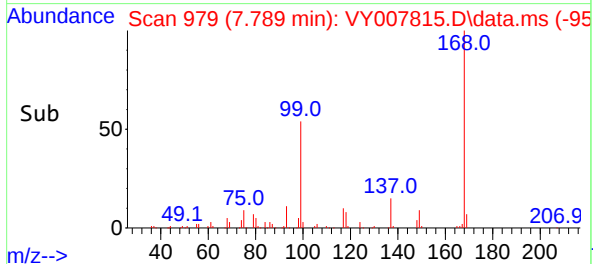
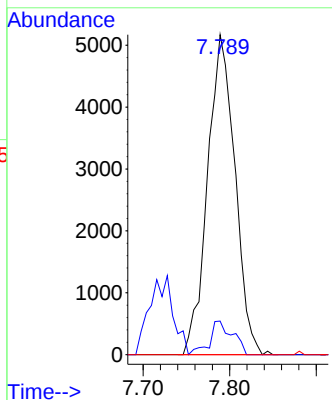
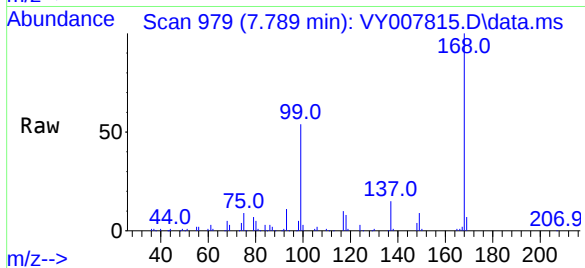
Acq: 09 Mar 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	11360
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.732 ug/l

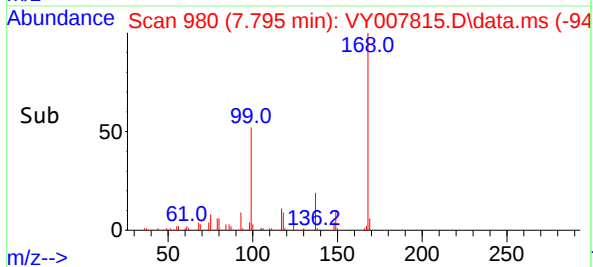
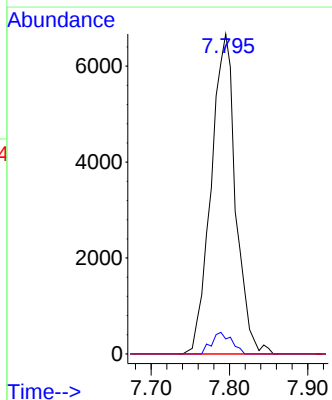
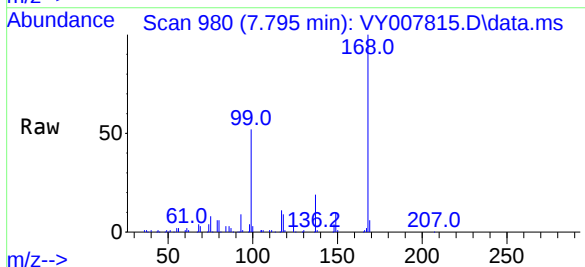
RT: 7.795 min Scan# 980

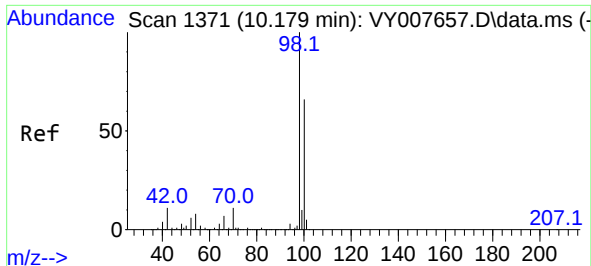
Delta R.T. -0.104 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

Tgt Ion:	117	Resp:	14558
Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

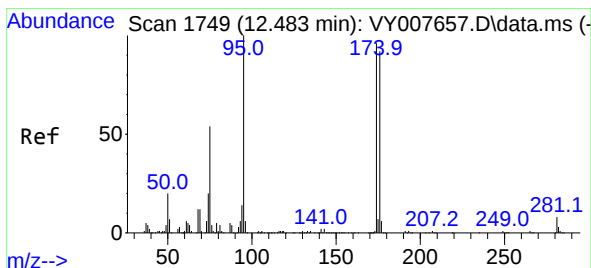
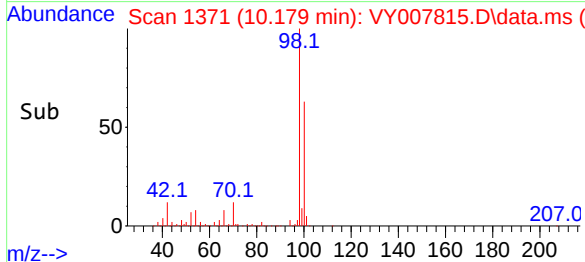
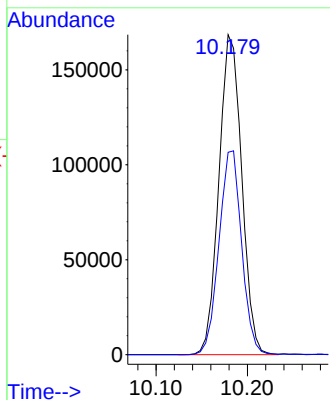
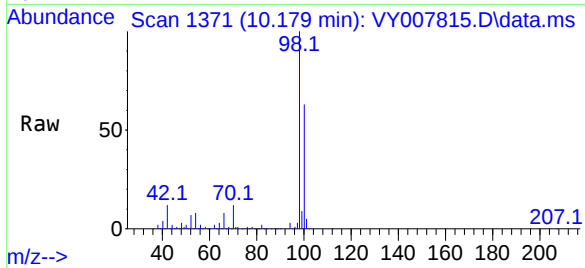




#50
Toluene-d8
Concen: 52.587 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

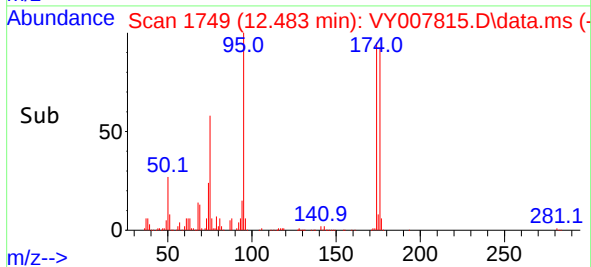
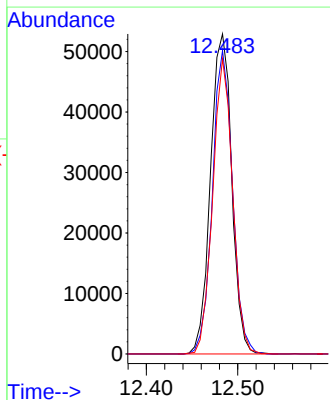
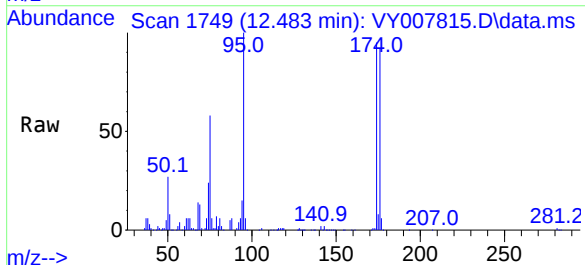
Instrument :
MSVOA_Y
ClientSampleId :

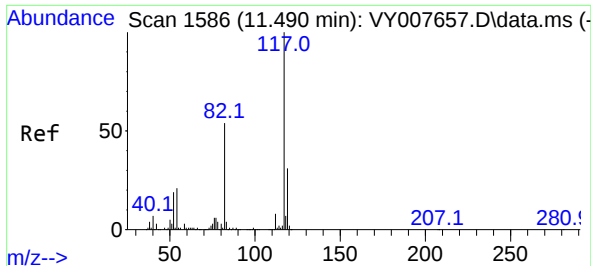
Tgt Ion: 98 Resp: 292968
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.411 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 95 Resp: 85142
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.4 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: VY007815.D

Acq: 09 Mar 2022 21:24

Instrument :

MSVOA_Y

ClientSampleId :

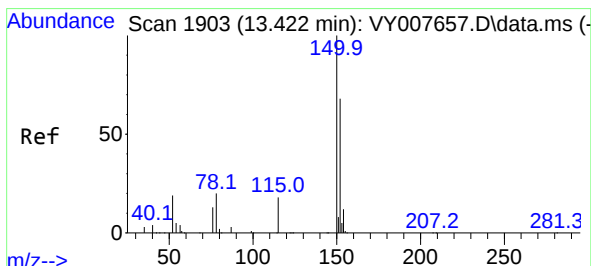
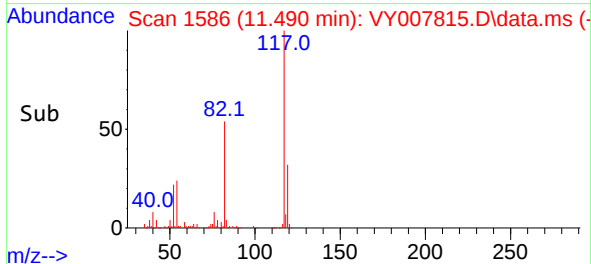
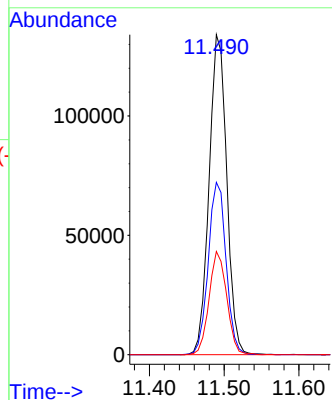
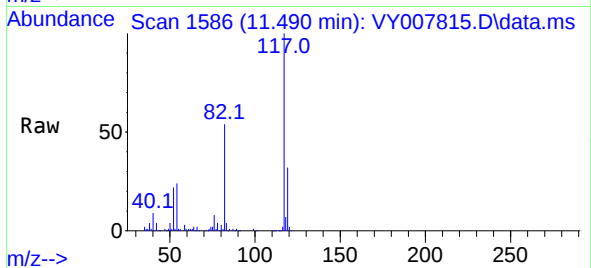
Tgt Ion:117 Resp: 220535

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007815.D

Acq: 09 Mar 2022 21:24

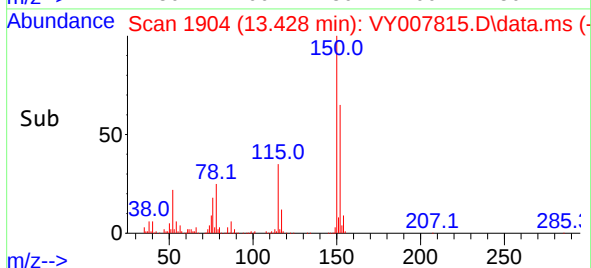
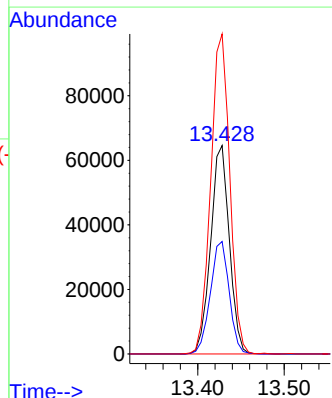
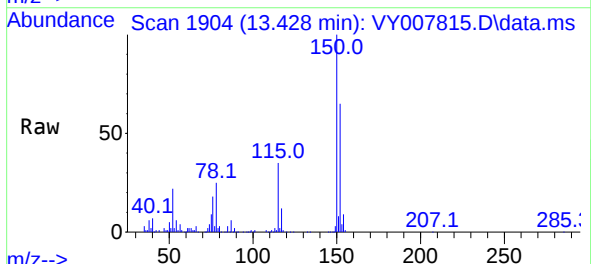
Tgt Ion:152 Resp: 96839

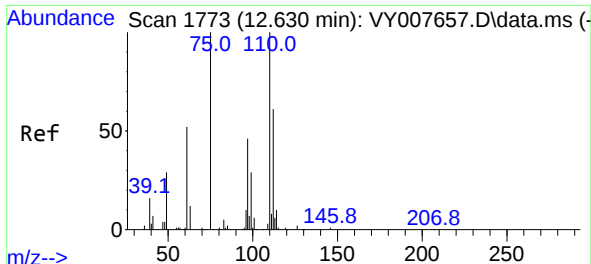
Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 156.5 0.0 347.6

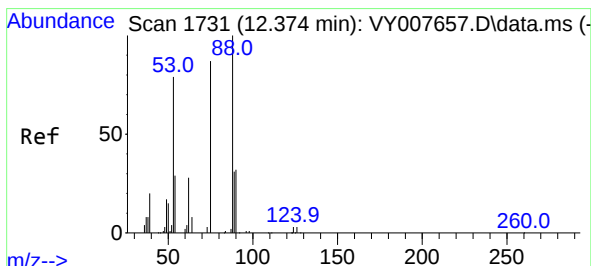
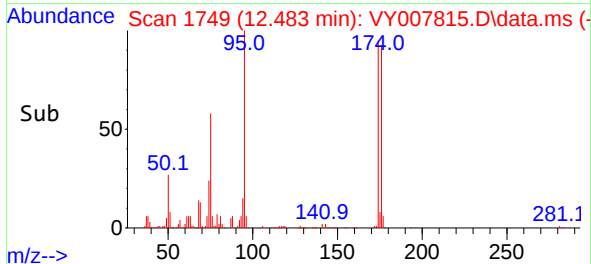
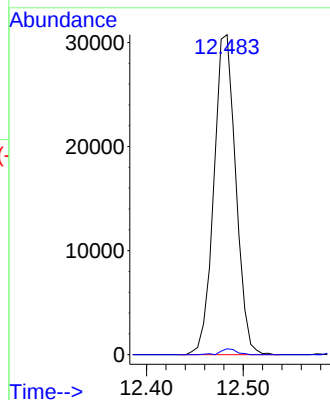
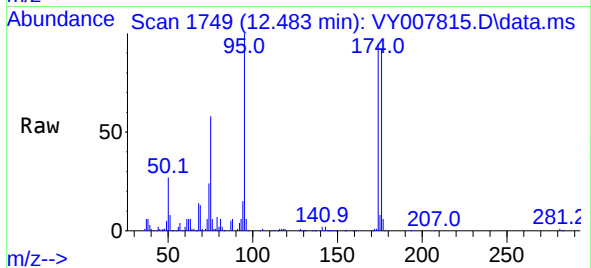




#76
1,2,3-Trichloropropane
Concen: 44.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48361
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007815.D
Acq: 09 Mar 2022 21:24

Tgt Ion: 75 Resp: 48361
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

