

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007290.D
 Acq On : 25 Jan 2022 13:32
 Operator : SY/MD
 Sample : N1245-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 03:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	42208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28407	54.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.700%
35) Dibromofluoromethane	7.716	113	26835	49.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.179	98	98961	49.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.483	95	35653	50.385	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.780%

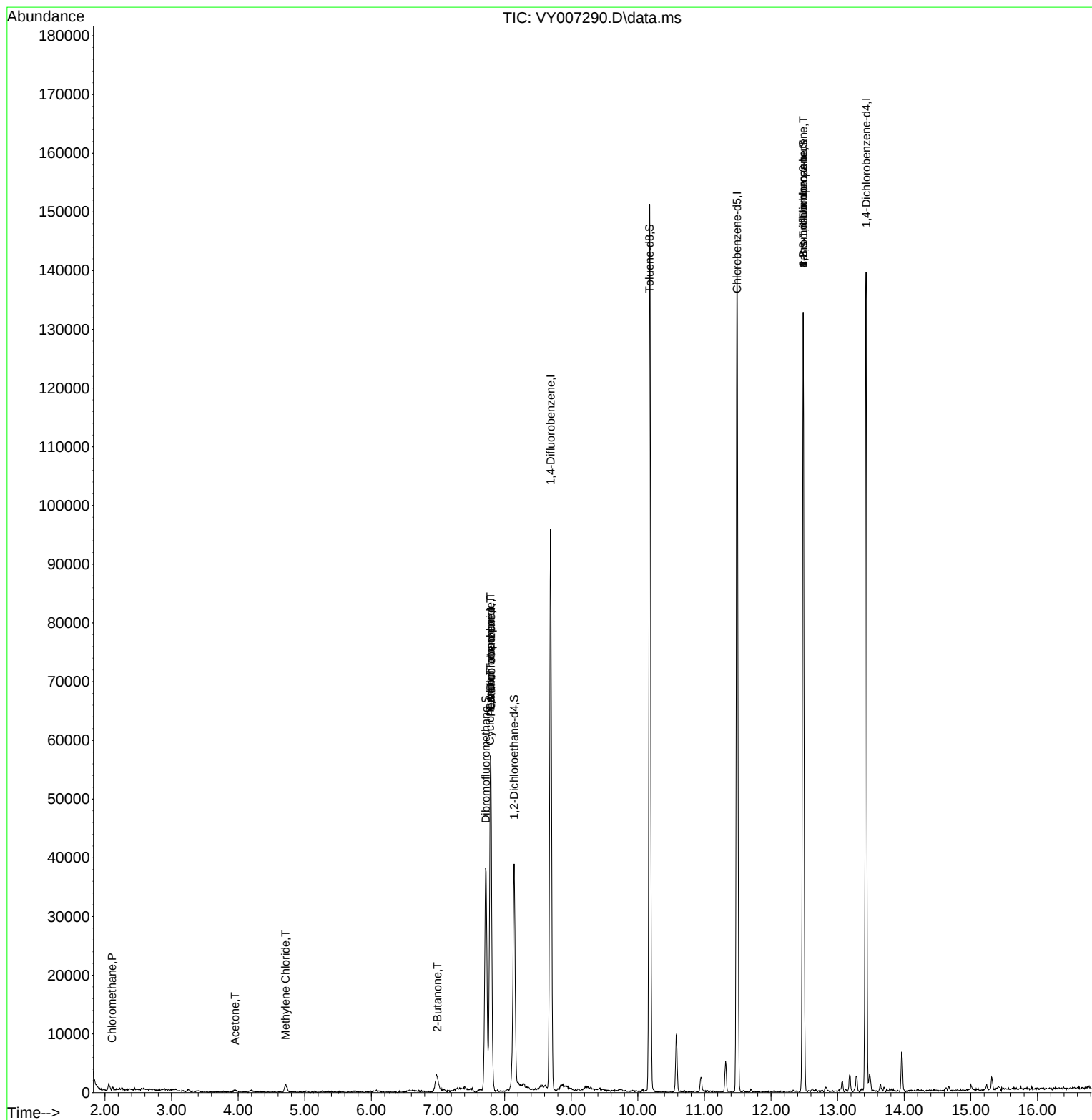
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	465	1.498	ug/l #	41
11) Tert butyl alcohol	4.954	59	24	Below Cal	#	73
16) Acetone	3.954	43	559	4.159	ug/l #	76
20) Methylene Chloride	4.710	84	1034	1.860	ug/l #	84
25) 2-Butanone	6.990	43	187	1.076	ug/l #	47
31) Cyclohexane	7.783	56	948	1.083	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	3732	4.292	ug/l #	45
38) Carbon Tetrachloride	7.789	117	4911	5.370	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	19306	50.030	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19306	91.591	ug/l #	3

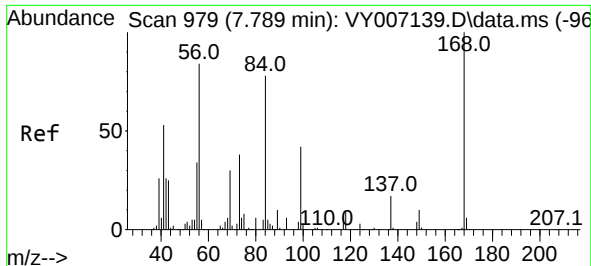
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

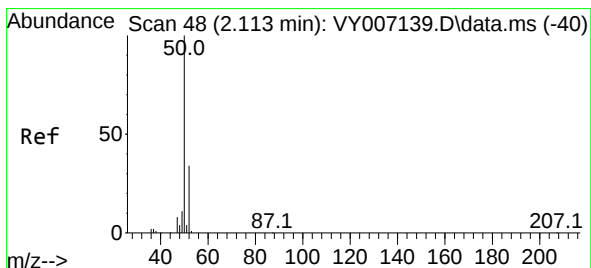
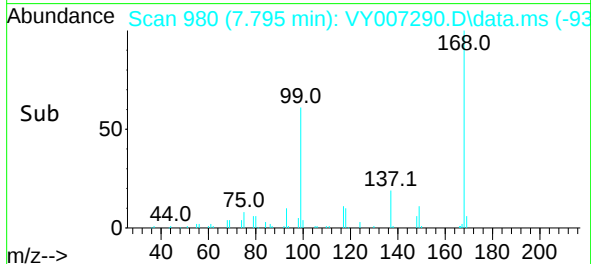
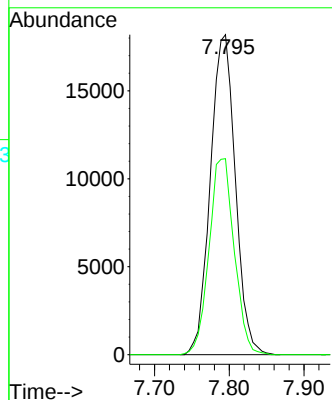
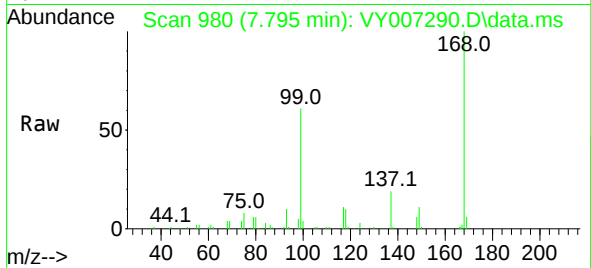




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

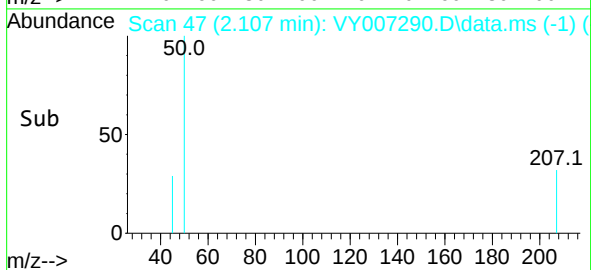
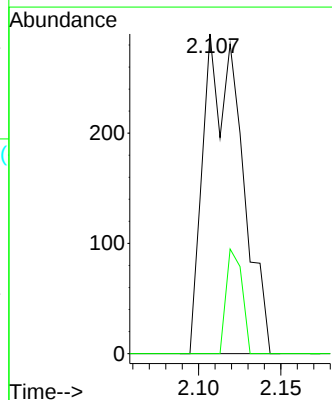
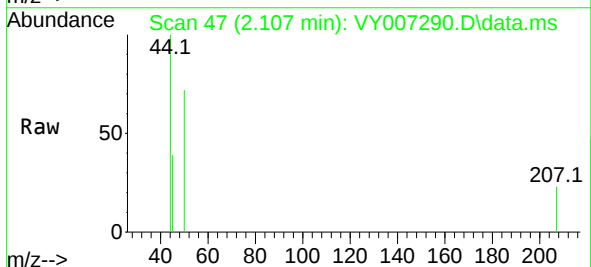
Instrument :
MSVOA_Y
ClientSampleId :

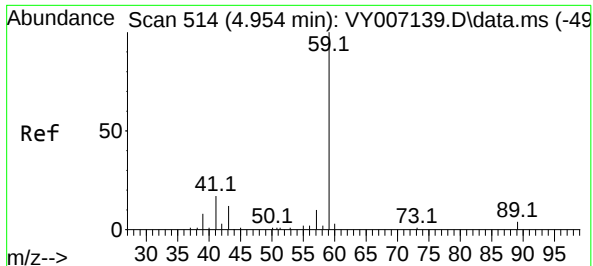
Tgt Ion:168 Resp: 42208
Ion Ratio Lower Upper
168 100
99 61.2 49.1 73.7



#3
Chloromethane
Concen: 1.498 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

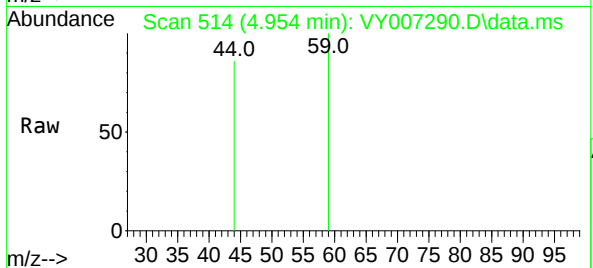
Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 0.0 27.1 40.7#



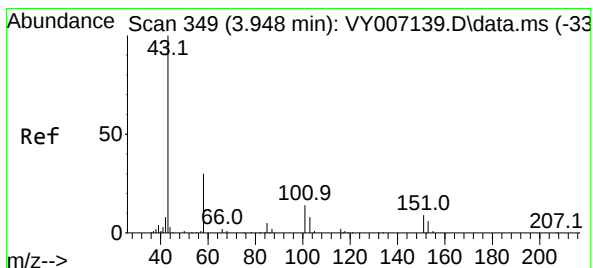
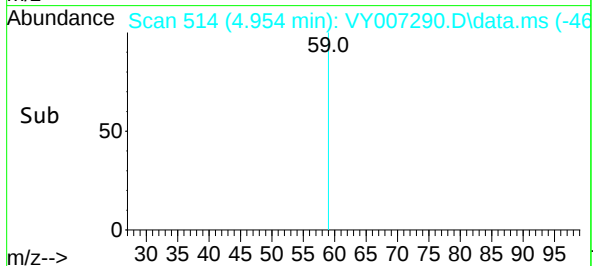
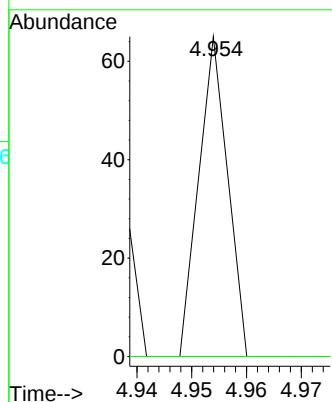


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :

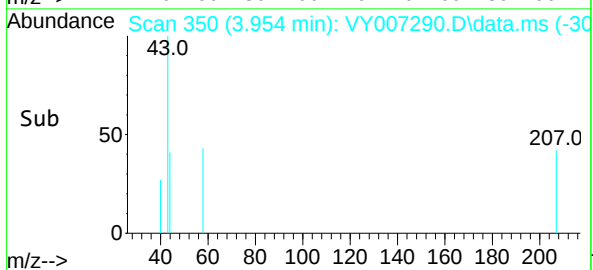
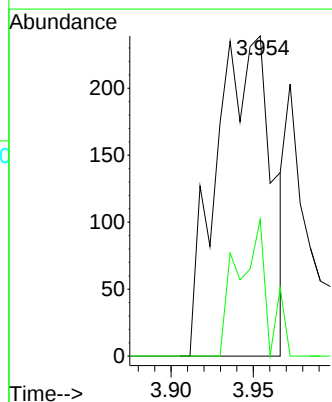
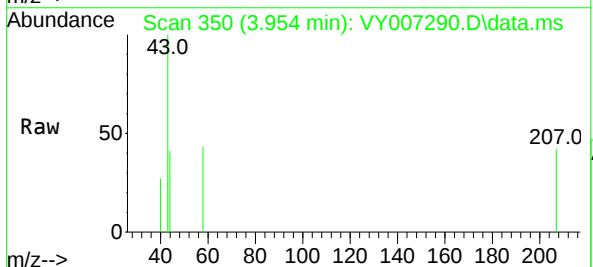


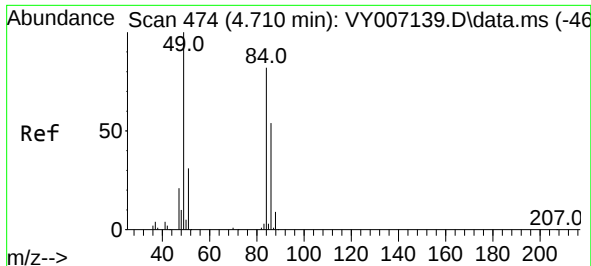
Tgt Ion: 59 Resp: 24
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 4.159 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 42.7 23.8 35.6#





#20

Methylene Chloride

Concen: 1.860 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

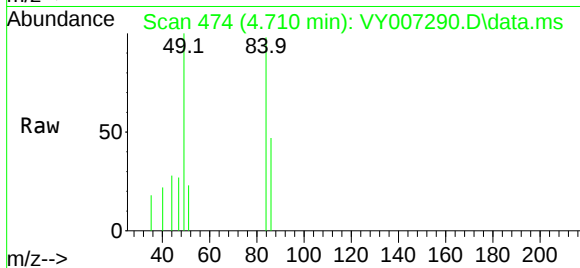
Lab File: VY007290.D

Acq: 25 Jan 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1034

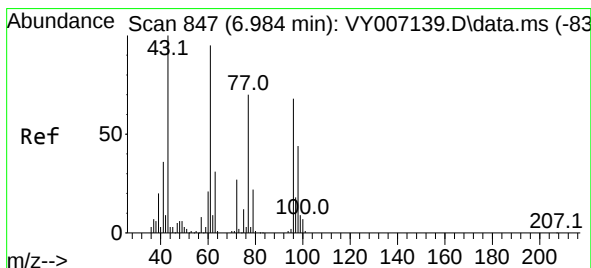
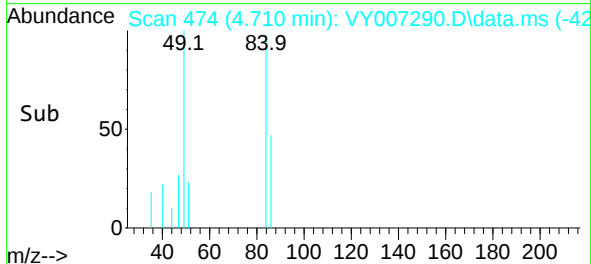
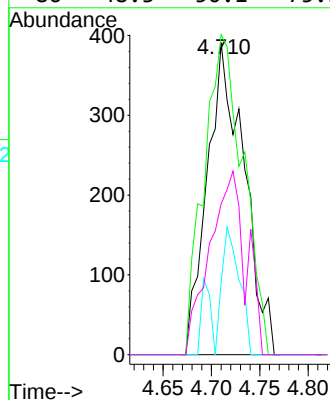
Ion Ratio Lower Upper

84 100

49 102.6 92.6 139.0

51 23.3 28.6 42.8#

86 48.3 50.1 75.1#



#25

2-Butanone

Concen: 1.076 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007290.D

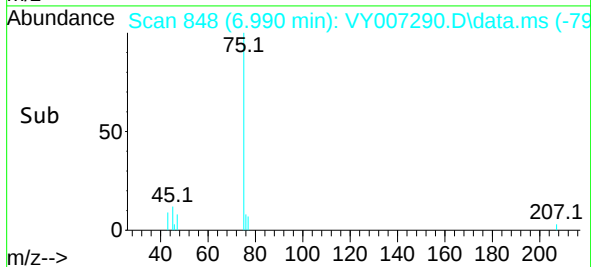
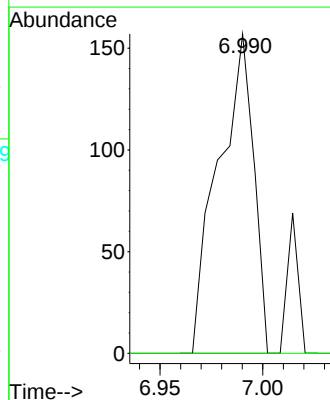
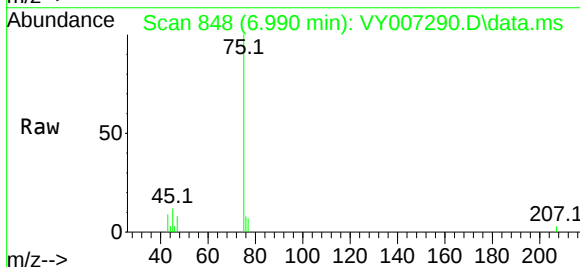
Acq: 25 Jan 2022 13:32

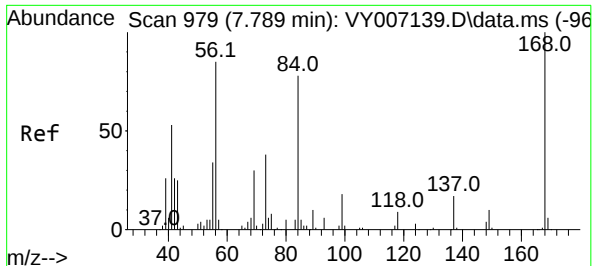
Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

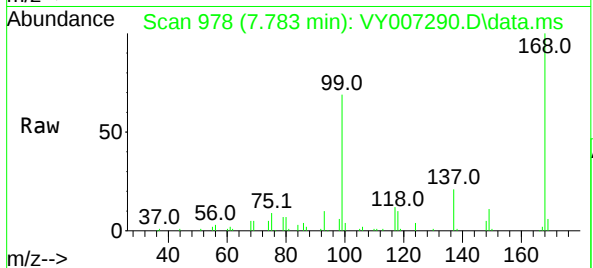
72 0.0 21.9 32.9#



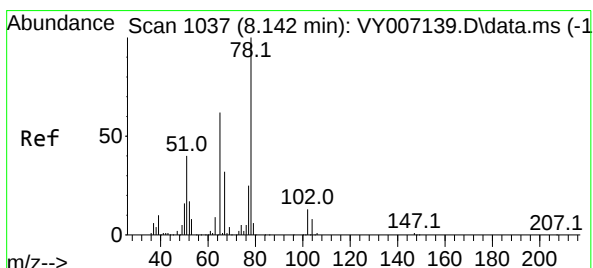
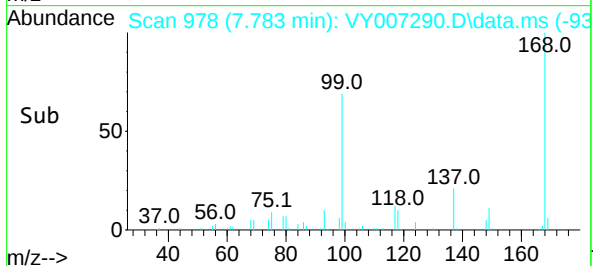
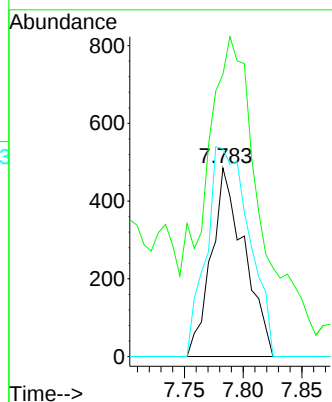


#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :

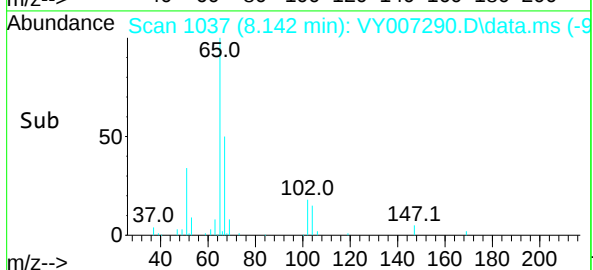
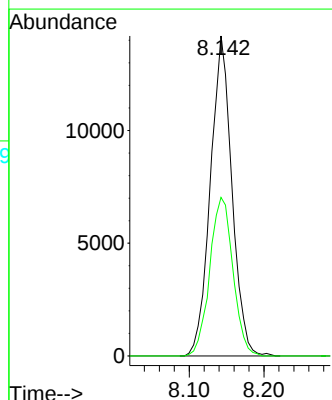
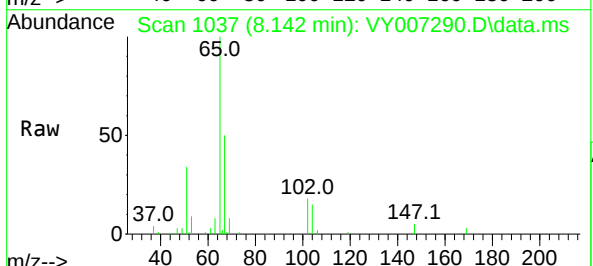


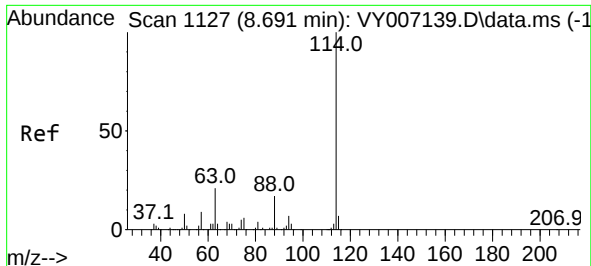
Tgt Ion: 56 Resp: 948
Ion Ratio Lower Upper
56 100
69 108.0 27.2 40.8#
84 110.3 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 54.851 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

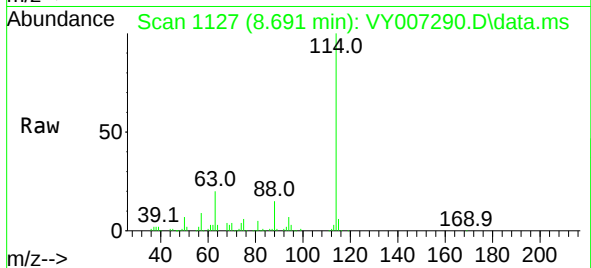
Tgt Ion: 65 Resp: 28407
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.6



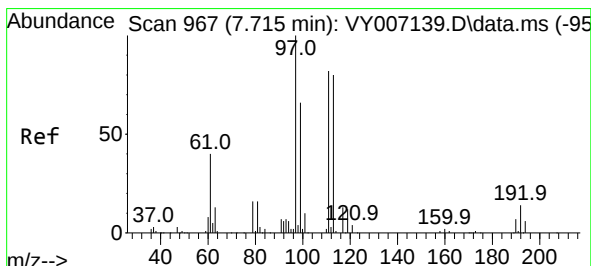
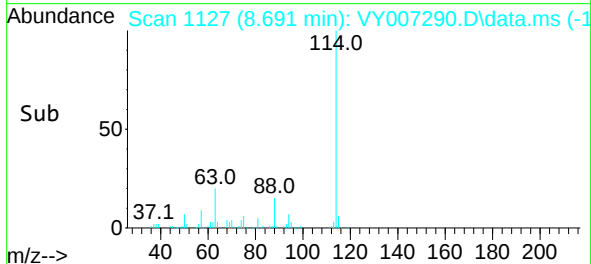
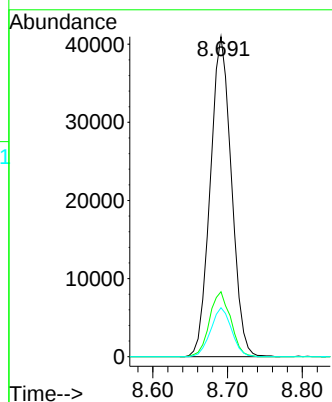


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :

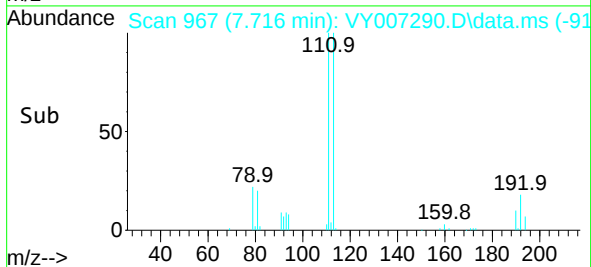
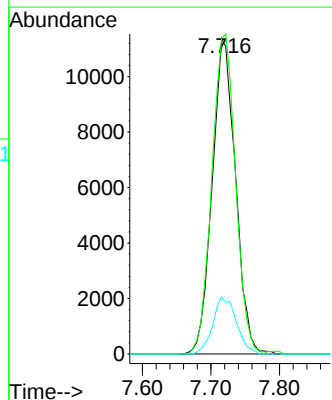
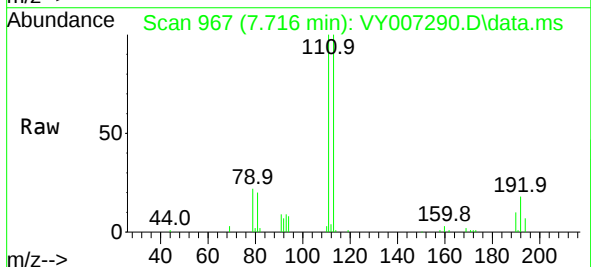


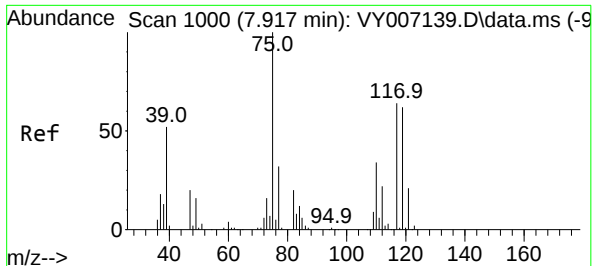
Tgt Ion:114 Resp: 80512
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

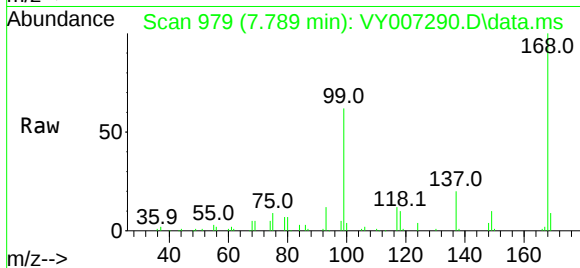
Tgt Ion:113 Resp: 26835
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.3 14.2 21.4



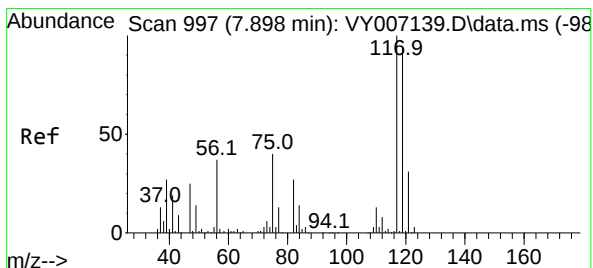
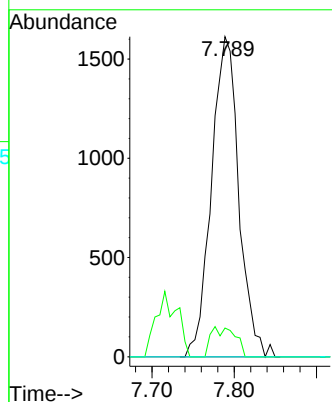
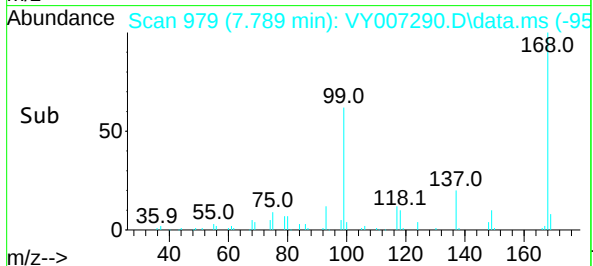


#36
 1,1-Dichloropropene
 Concen: 4.292 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007290.D
 Acq: 25 Jan 2022 13:32

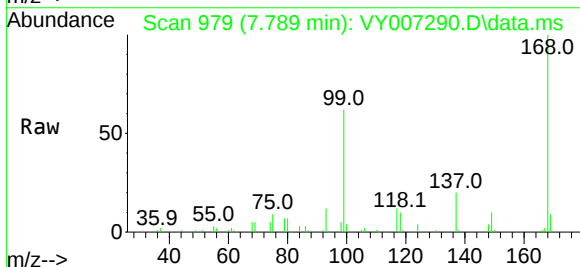
Instrument :
 MSVOA_Y
 ClientSampleId :



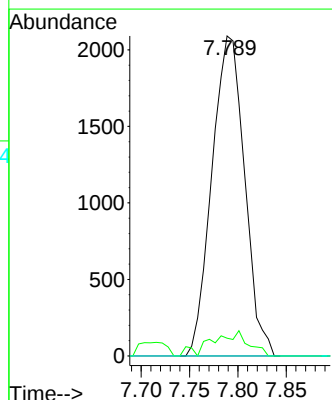
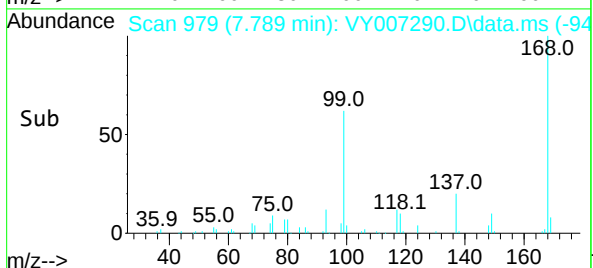
Tgt Ion: 75 Resp: 3732
 Ion Ratio Lower Upper
 75 100
 110 3.6 17.3 51.9#
 77 0.0 24.7 37.1#

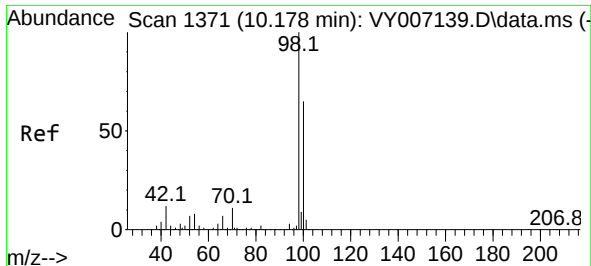


#38
 Carbon Tetrachloride
 Concen: 5.370 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY007290.D
 Acq: 25 Jan 2022 13:32



Tgt Ion: 117 Resp: 4911
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.2 115.8#
 121 0.0 24.2 36.2#

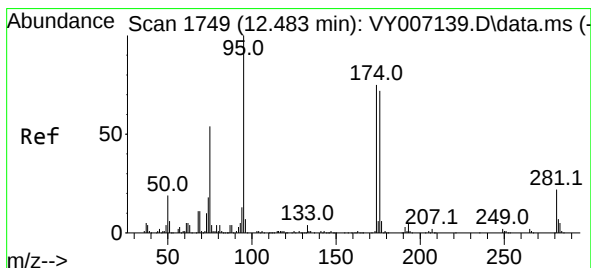
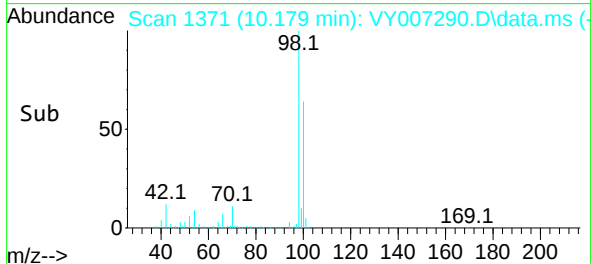
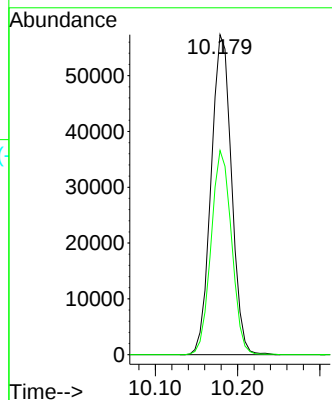
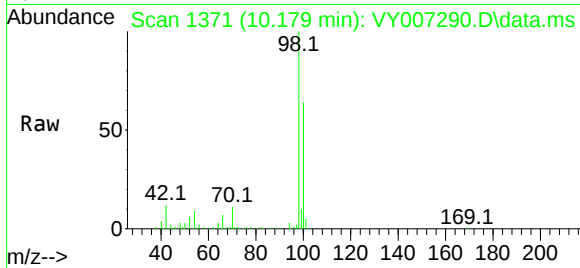




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

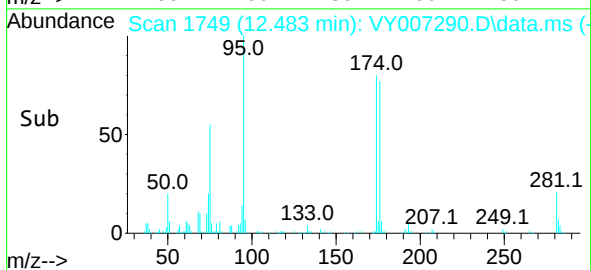
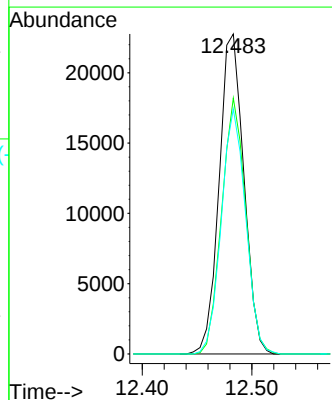
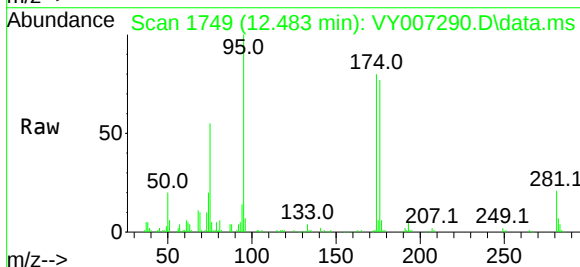
Instrument :
MSVOA_Y
ClientSampleId :

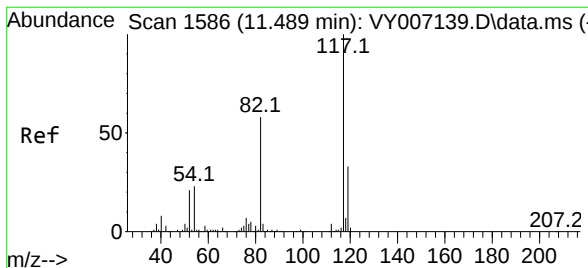
Tgt Ion: 98 Resp: 98961
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Tgt Ion: 95 Resp: 35653
Ion Ratio Lower Upper
95 100
174 77.6 0.0 148.4
176 75.4 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007290.D

Acq: 25 Jan 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

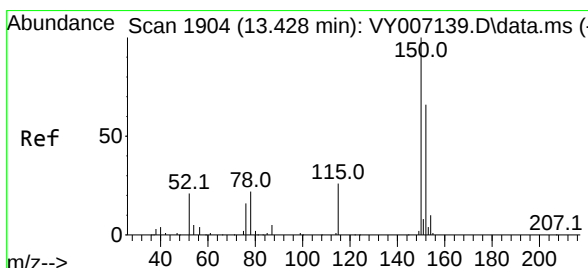
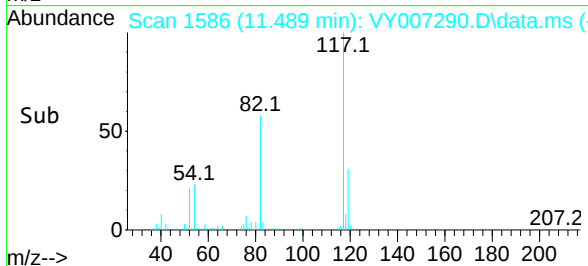
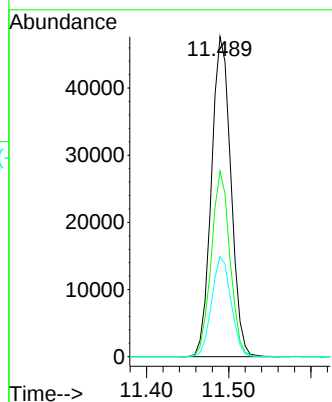
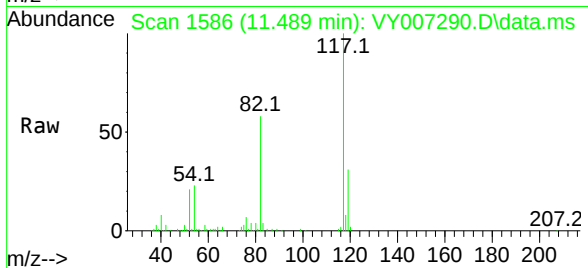
Tgt Ion:117 Resp: 78302

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

119 31.3 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007290.D

Acq: 25 Jan 2022 13:32

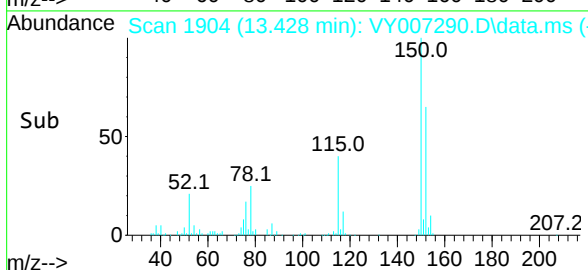
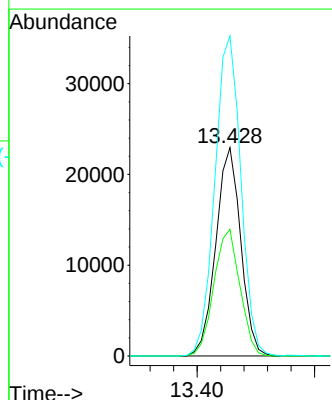
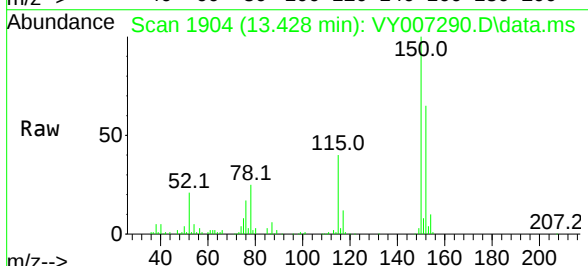
Tgt Ion:152 Resp: 33842

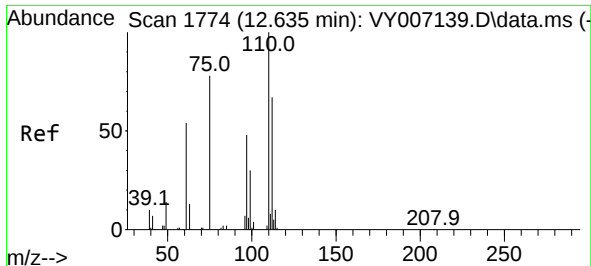
Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.0

150 160.0 0.0 348.4

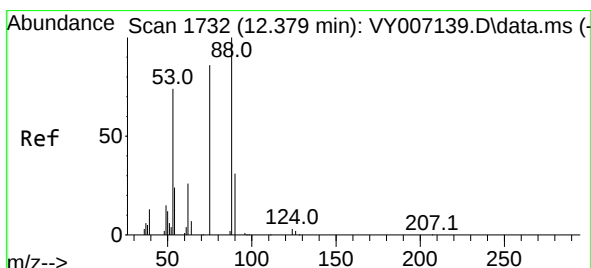
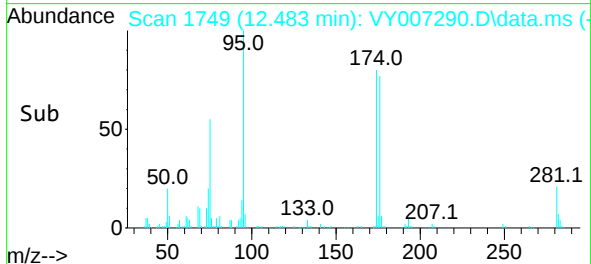
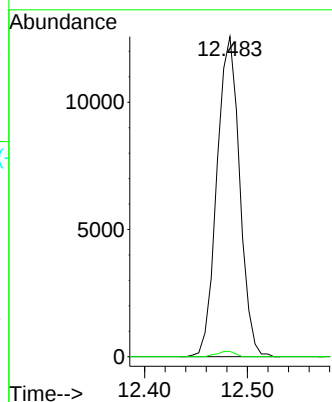
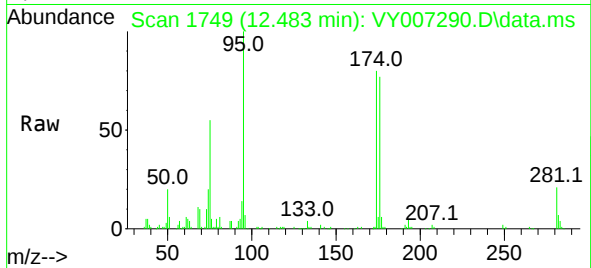




#76
1,2,3-Trichloropropane
Concen: 50.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19306
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007290.D
Acq: 25 Jan 2022 13:32

Tgt Ion: 75 Resp: 19306
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.3 0.0 0.0#

