

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007265.D
 Acq On : 24 Jan 2022 12:23
 Operator : SY/MD
 Sample : VY0124SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:33:00 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)

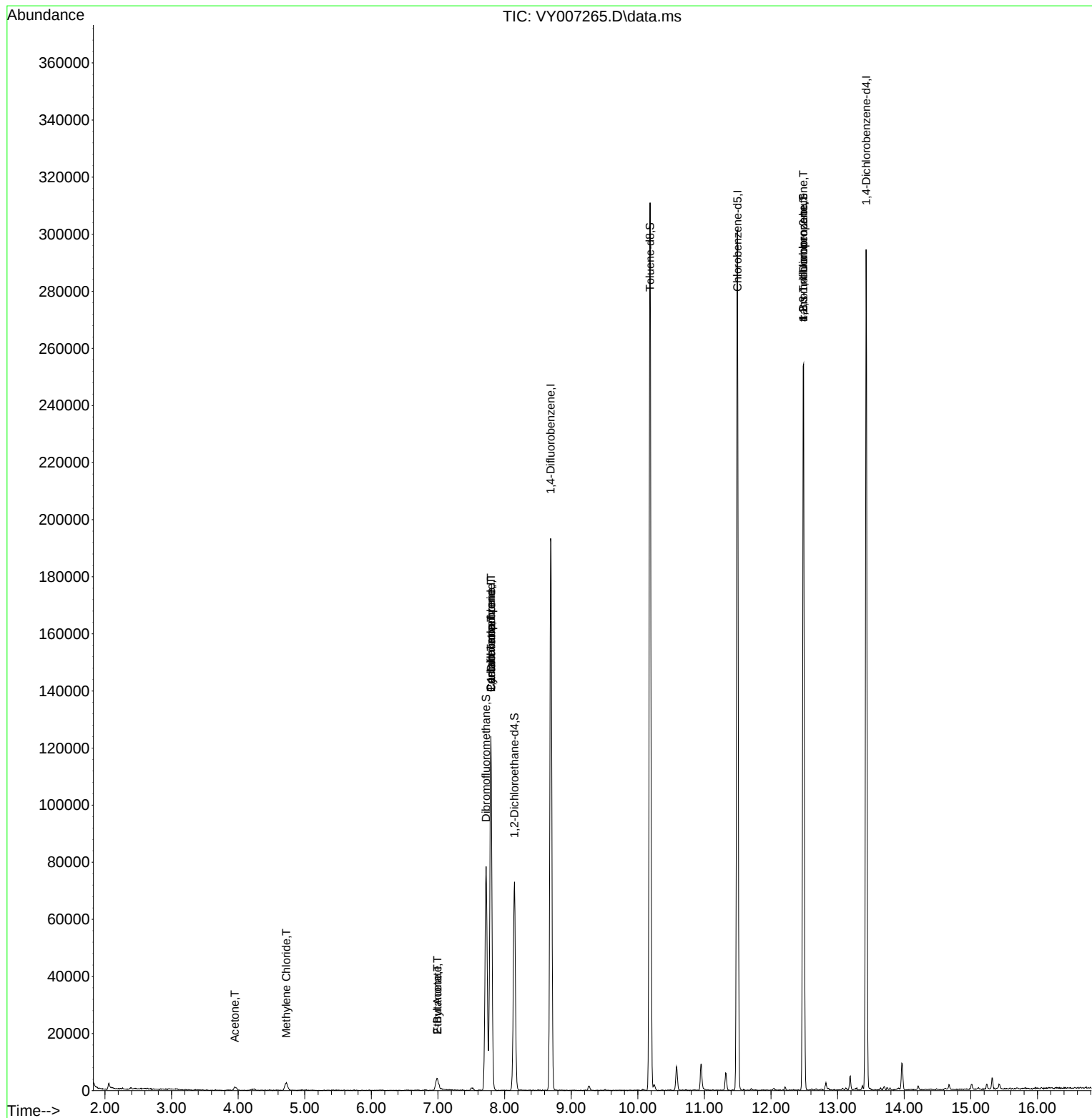
Internal Standards						
1) Pentafluorobenzene	7.795	168	90702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	160113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56530	50.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.580%	
35) Dibromofluoromethane	7.722	113	56406	49.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.680%	
50) Toluene-d8	10.185	98	206840	49.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.483	95	73319	49.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.680%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	148	Below Cal	#	73
16) Acetone	3.948	43	2326	8.053	ug/l	92
20) Methylene Chloride	4.722	84	2024	1.695	ug/l #	90
25) 2-Butanone	6.990	43	1372	3.674	ug/l	96
31) Cyclohexane	7.795	56	2213	1.176	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	7849	4.299	ug/l #	50
37) Ethyl Acetate	6.990	43	1372	1.464	ug/l #	73
38) Carbon Tetrachloride	7.795	117	9774	5.089	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39222	49.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39222	91.264	ug/l #	3

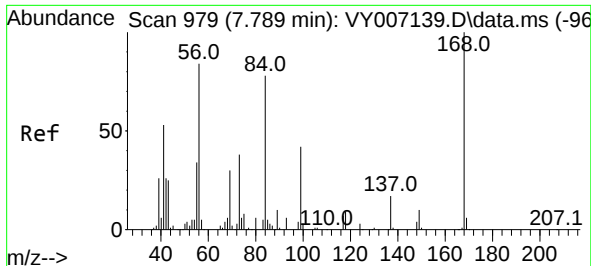
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
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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

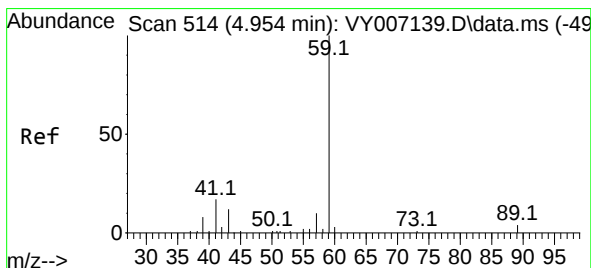
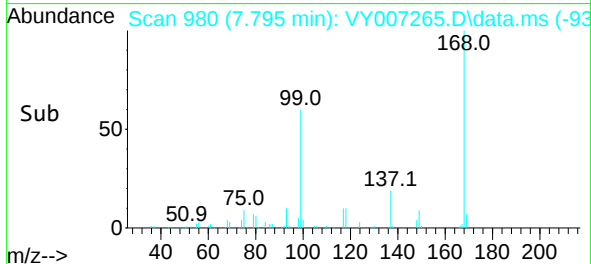
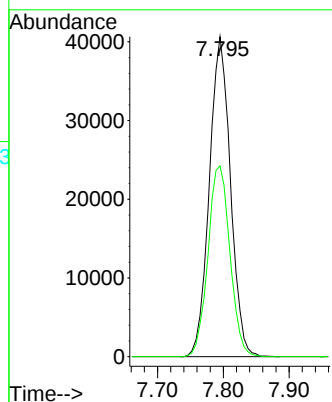
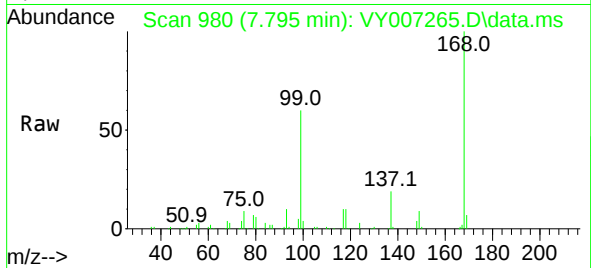




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

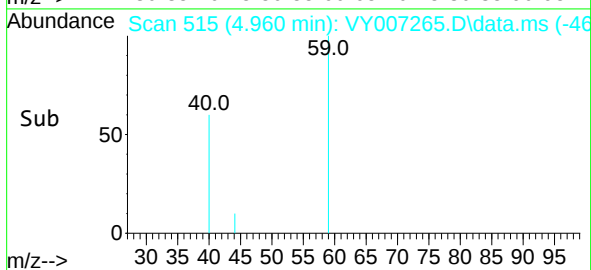
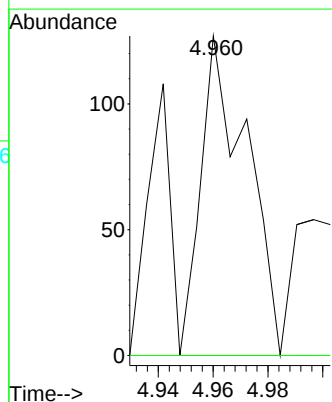
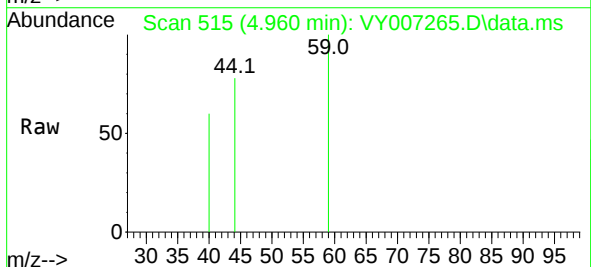
Instrument :
MSVOA_Y
ClientSampleId :

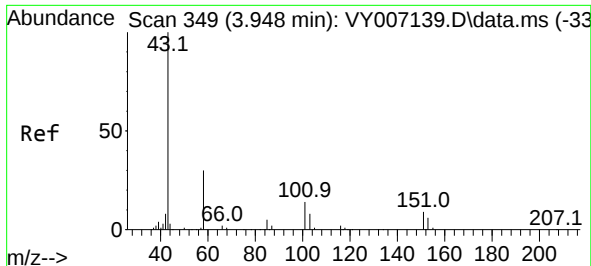
Tgt Ion:168 Resp: 90702
Ion Ratio Lower Upper
168 100
99 59.6 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 8.053 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

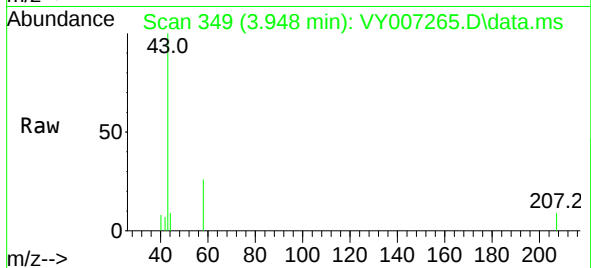
Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

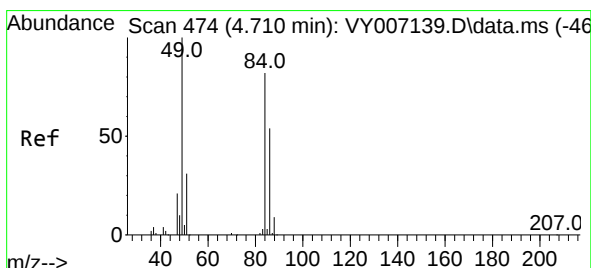
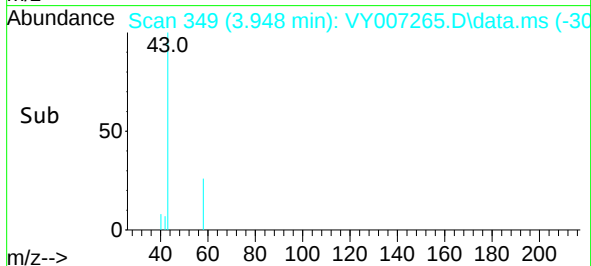
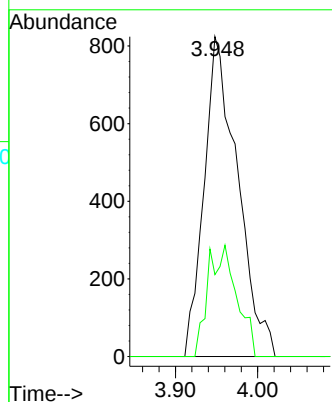


Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 25.6 23.8 35.6



#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

Tgt Ion: 84 Resp: 2024

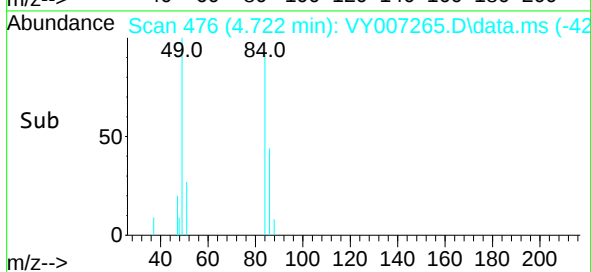
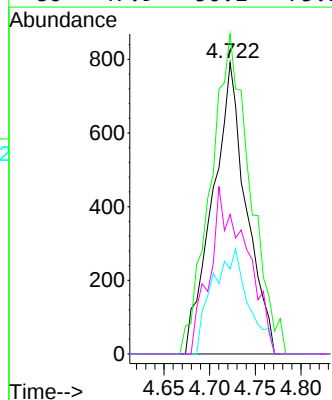
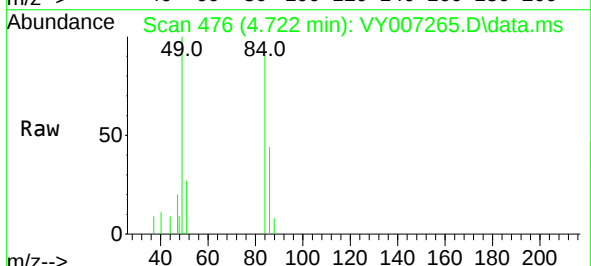
Ion Ratio Lower Upper

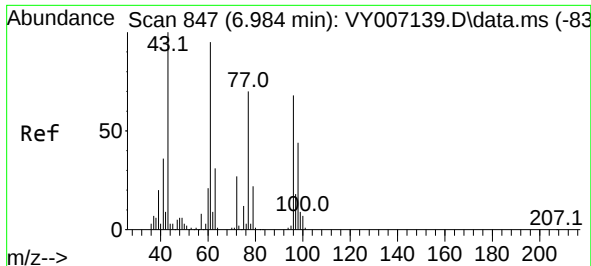
84 100

49 109.9 92.6 139.0

51 29.2 28.6 42.8

86 47.9 50.1 75.1#





#25

2-Butanone

Concen: 3.674 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

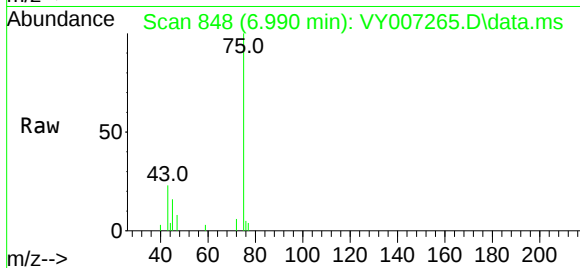
Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

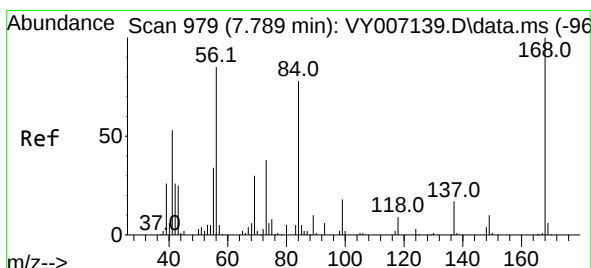
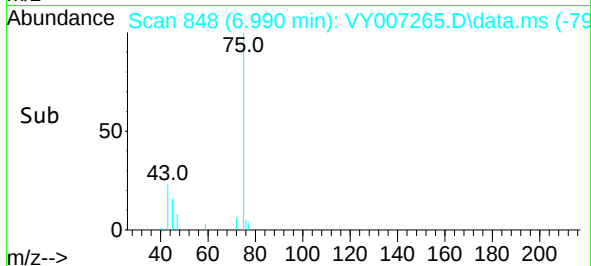
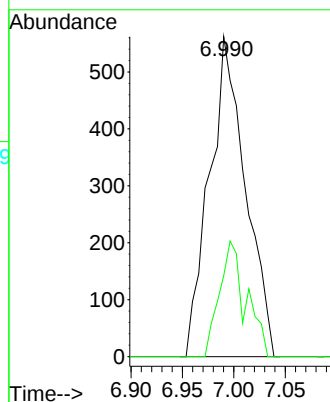


Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

72 25.3 21.9 32.9



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

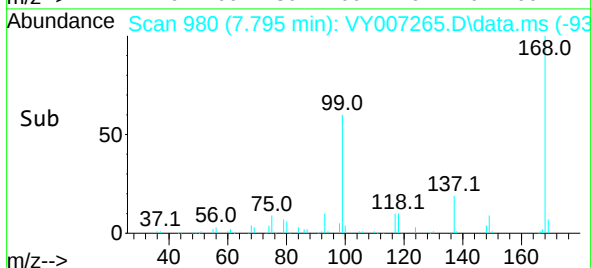
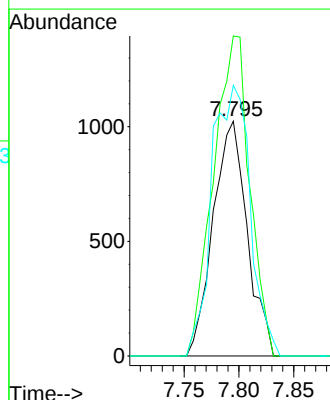
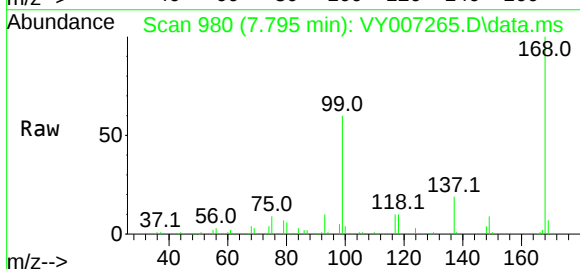
Tgt Ion: 56 Resp: 2213

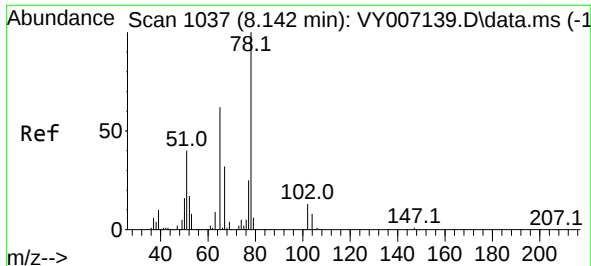
Ion Ratio Lower Upper

56 100

69 136.3 27.2 40.8#

84 115.2 72.1 108.1#

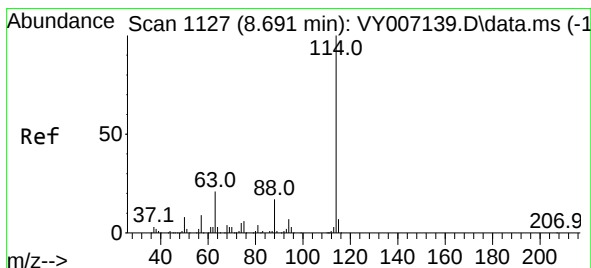
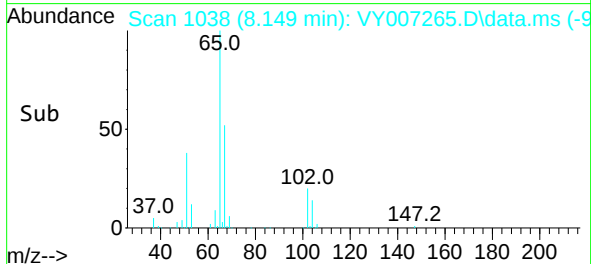
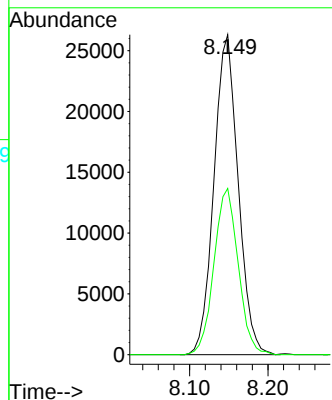
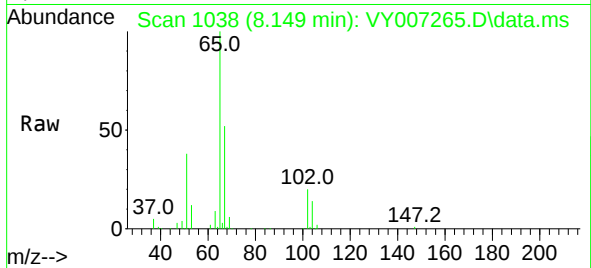




#33
1,2-Dichloroethane-d4
Concen: 50.794 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

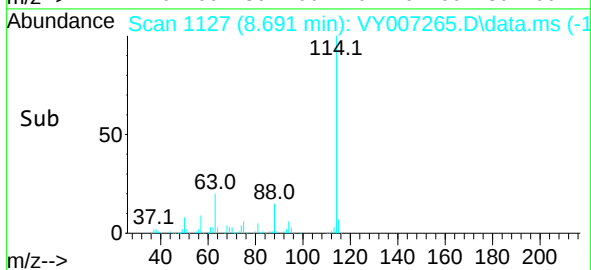
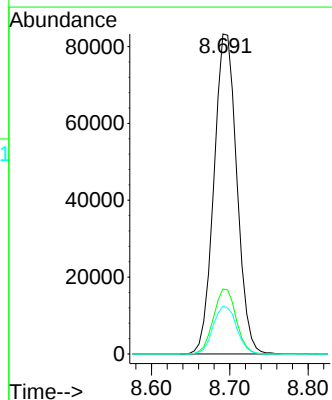
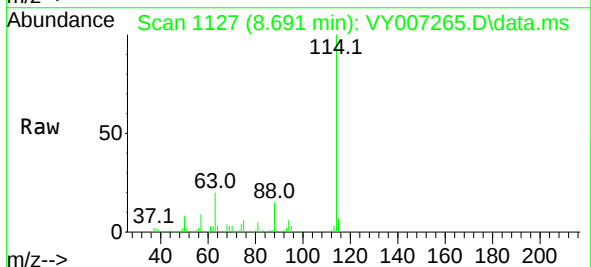
Instrument :
MSVOA_Y
ClientSampleId :

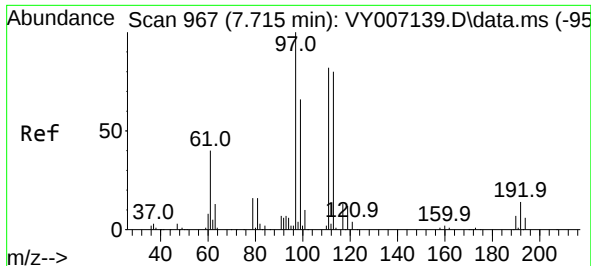
Tgt Ion: 65 Resp: 56530
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

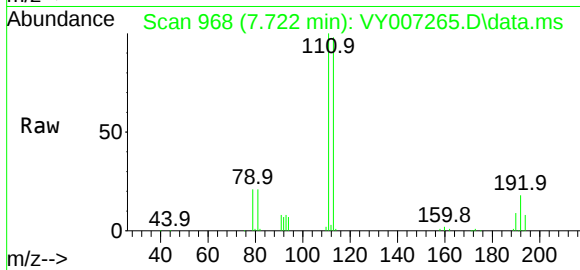
Tgt Ion:114 Resp: 169072
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 14.9 0.0 31.0



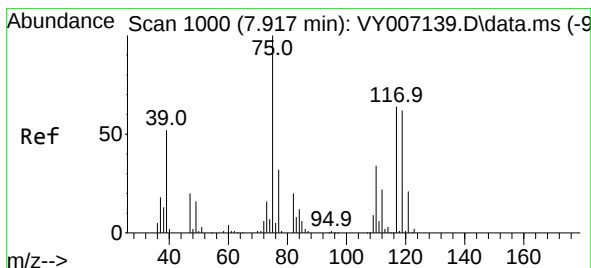
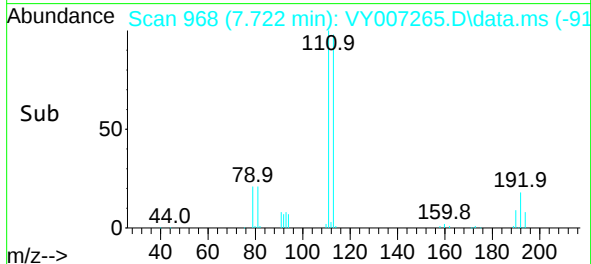
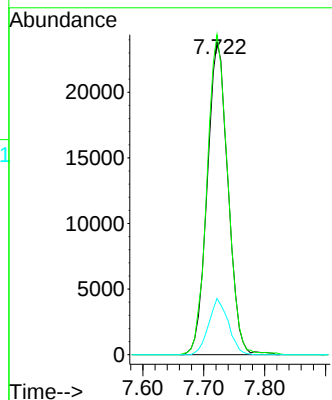


#35
Dibromofluoromethane
Concen: 49.339 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :

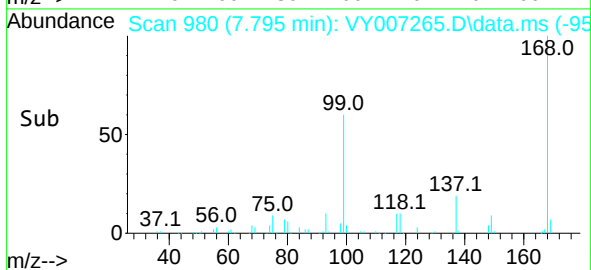
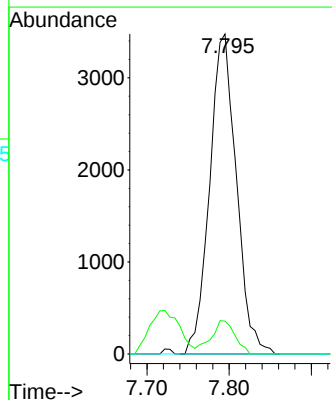
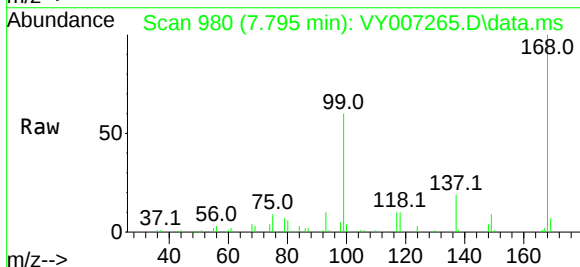


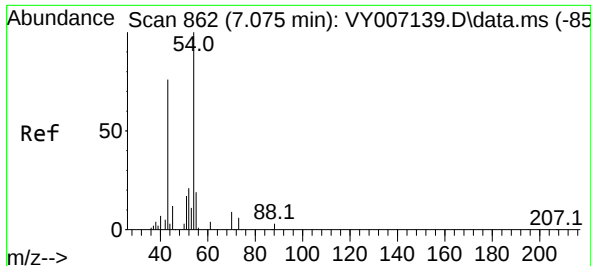
Tgt Ion:113 Resp: 56406
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Tgt Ion: 75 Resp: 7849
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.464 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.085 min

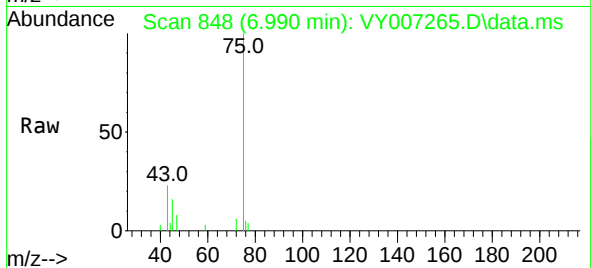
Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :



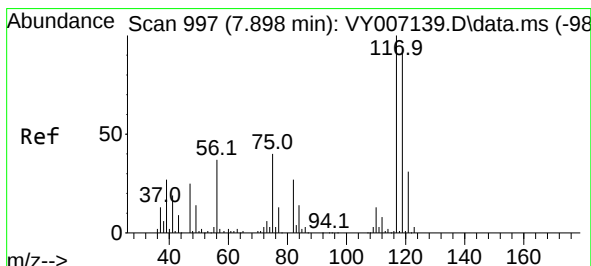
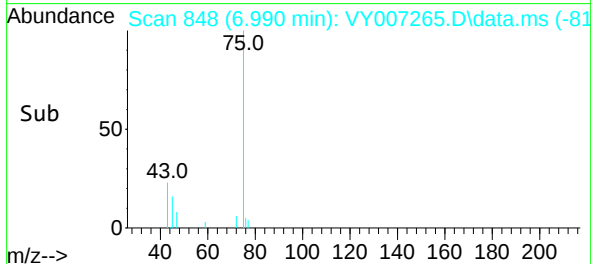
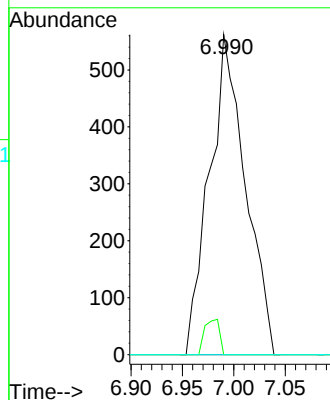
Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

61 4.6 11.8 17.8#

70 0.0 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 5.089 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

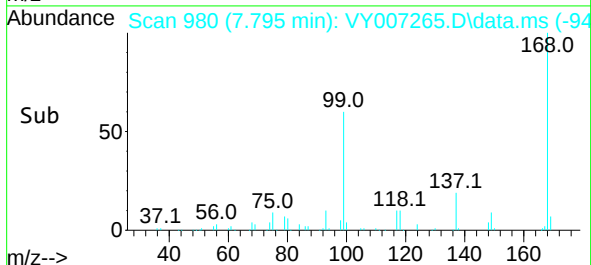
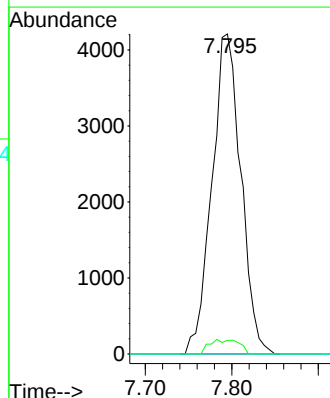
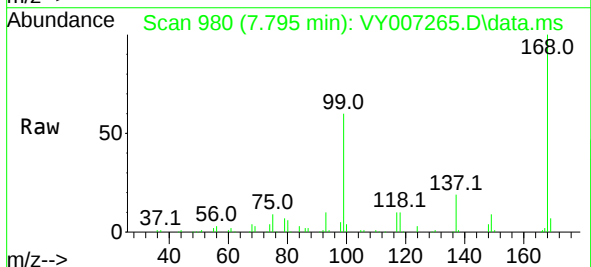
Tgt Ion: 117 Resp: 9774

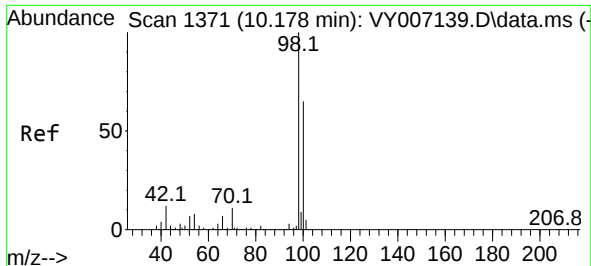
Ion Ratio Lower Upper

117 100

119 4.3 77.2 115.8#

121 0.0 24.2 36.2#

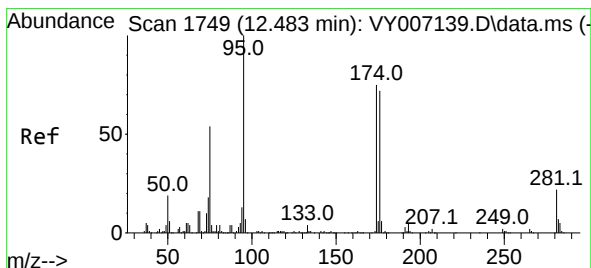
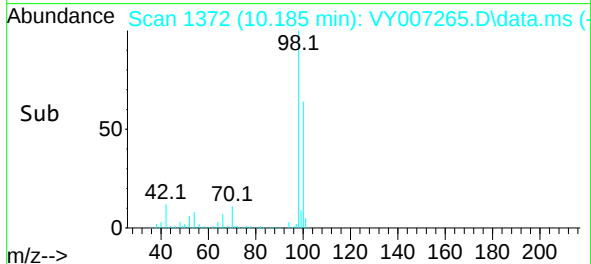
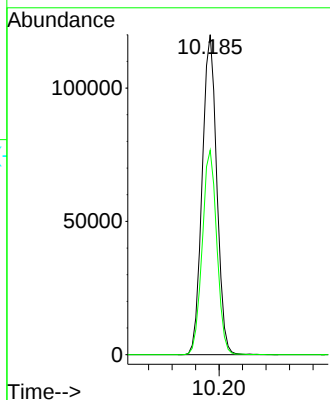
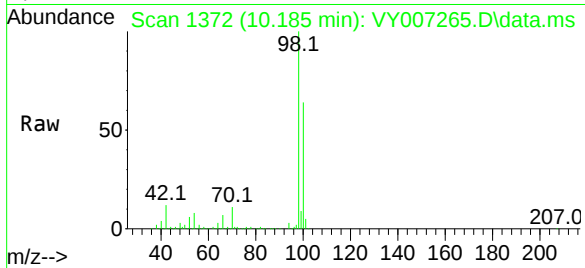




#50
Toluene-d8
Concen: 49.515 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

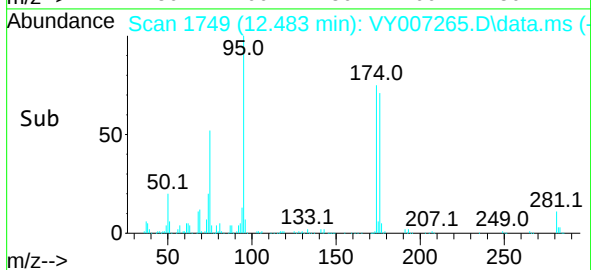
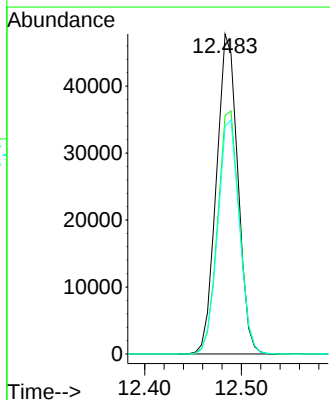
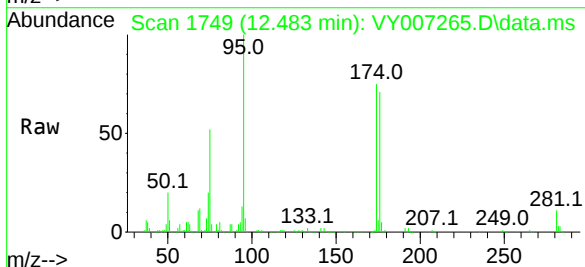
Instrument :
MSVOA_Y
ClientSampleId :

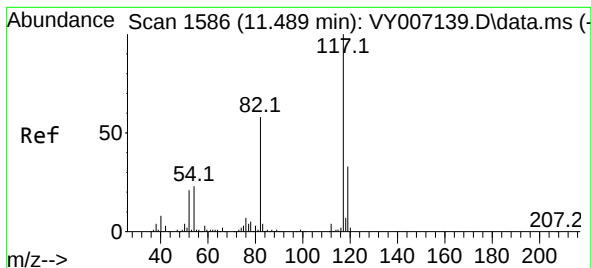
Tgt Ion: 98 Resp: 206840
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Tgt Ion: 95 Resp: 73319
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 74.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

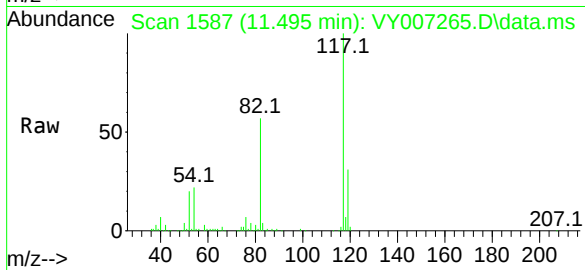
Lab File: VY007265.D

Acq: 24 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :



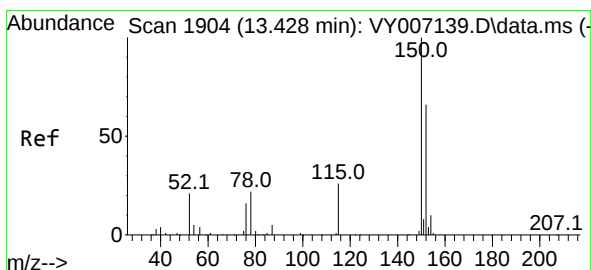
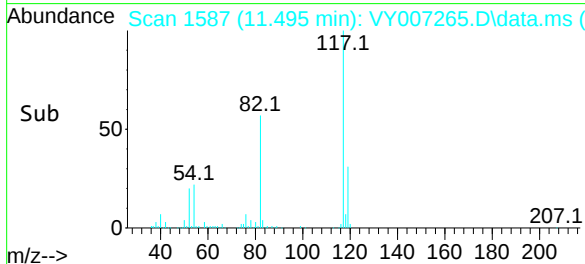
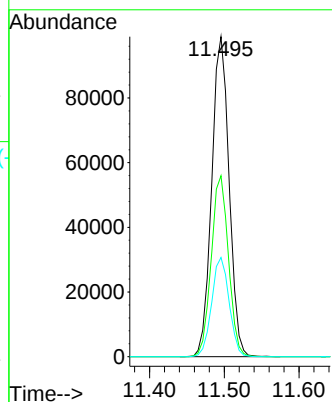
Tgt Ion:117 Resp: 160113

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

119 31.0 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: VY007265.D

Acq: 24 Jan 2022 12:23

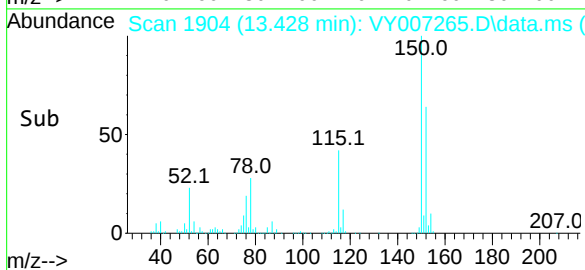
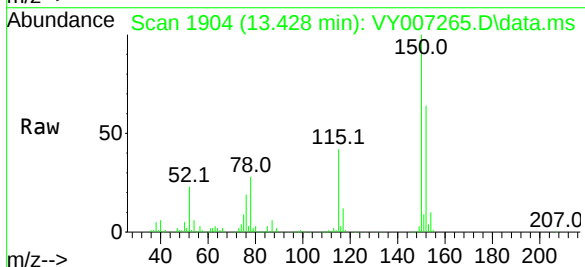
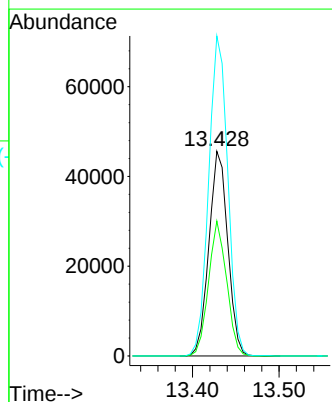
Tgt Ion:152 Resp: 69000

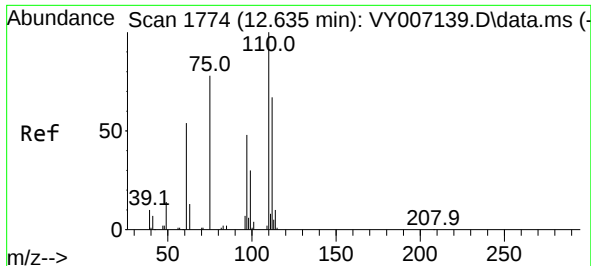
Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.0

150 158.3 0.0 348.4

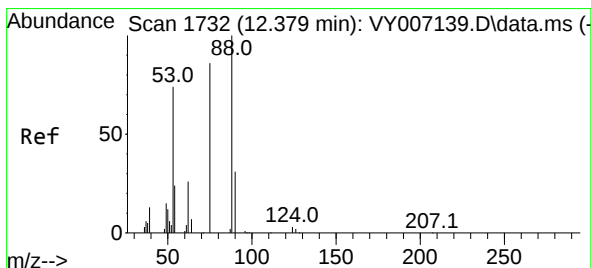
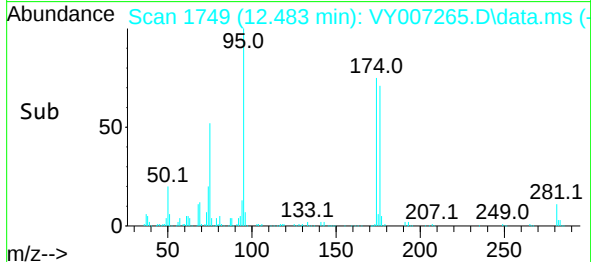
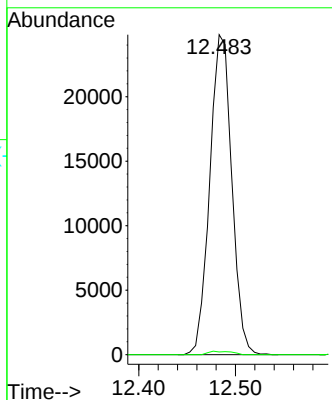
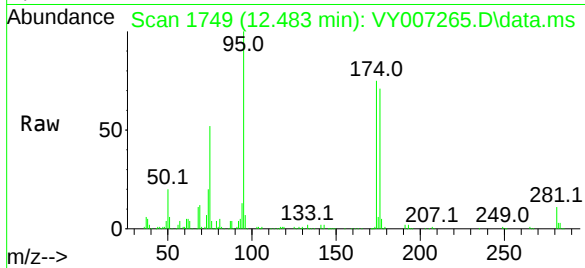




#76
1,2,3-Trichloropropane
Concen: 49.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007265.D
Acq: 24 Jan 2022 12:23

Tgt Ion: 75 Resp: 39222
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.3 0.0 0.0#

