

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007276.D
 Acq On : 24 Jan 2022 18:08
 Operator : SY/MD
 Sample : N1245-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:34:39 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)

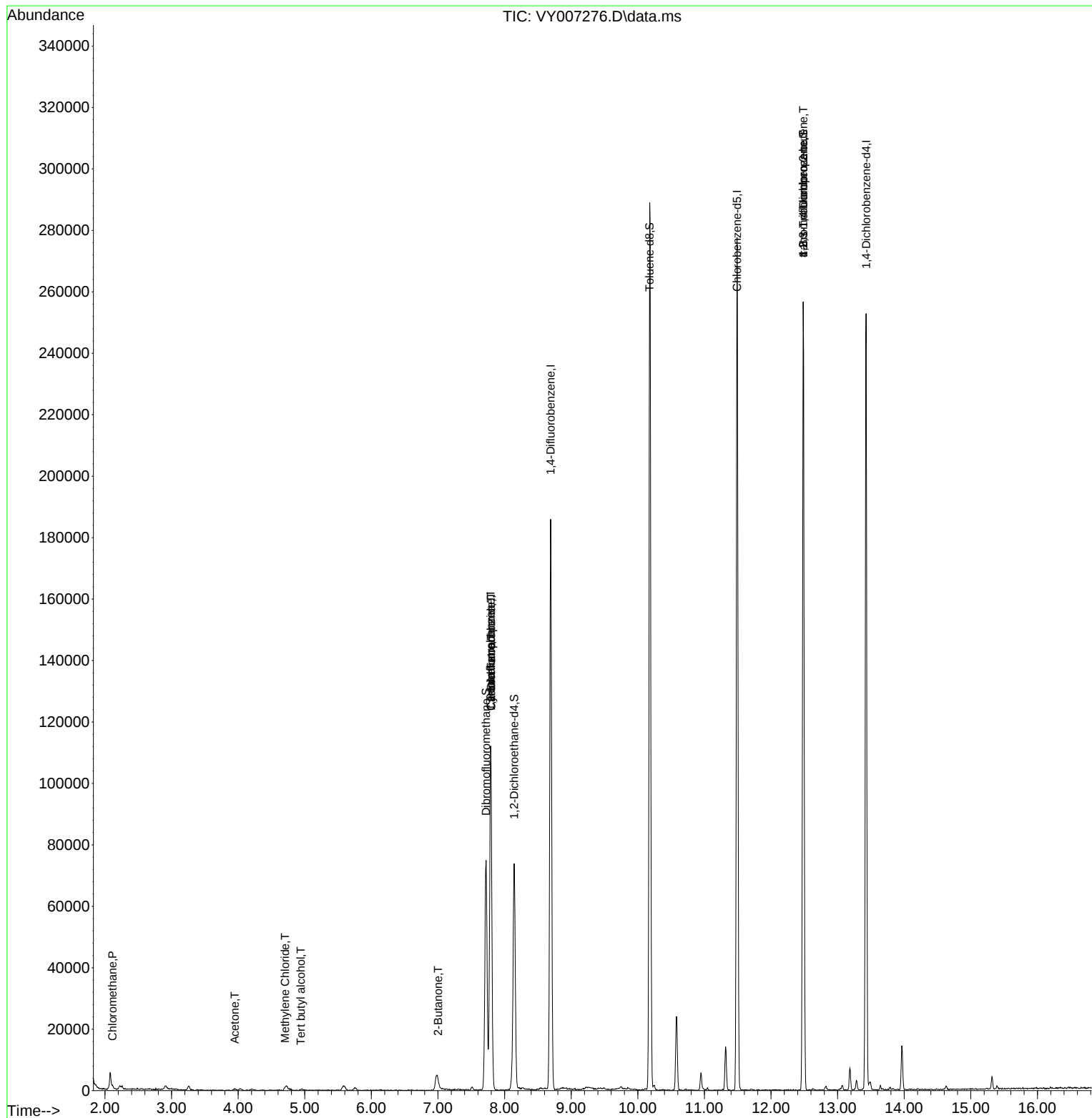
Internal Standards						
1) Pentafluorobenzene	7.789	168	82919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55841	54.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.722	113	52721	50.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.400%	
50) Toluene-d8	10.179	98	189184	49.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.483	95	65464	47.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	798	1.309	ug/l	99
11) Tert butyl alcohol	4.942	59	558	1.651	ug/l #	73
16) Acetone	3.948	43	834	3.159	ug/l #	65
20) Methylene Chloride	4.704	84	1187	1.087	ug/l #	59
25) 2-Butanone	7.003	43	626	1.834	ug/l #	47
31) Cyclohexane	7.795	56	1882	1.094	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	7248	4.321	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8997	5.099	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	36314	53.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36314	97.362	ug/l #	3

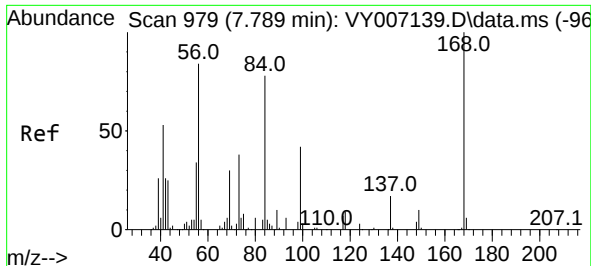
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
Data File : VY007276.D
Acq On : 24 Jan 2022 18:08
Operator : SY/MD
Sample : N1245-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 00:34:39 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

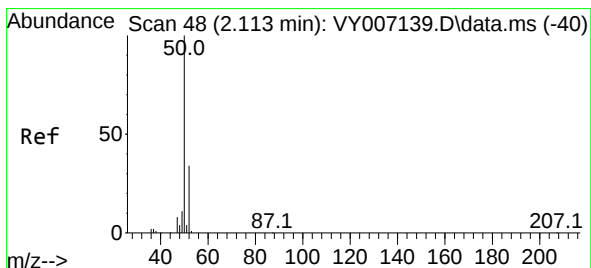
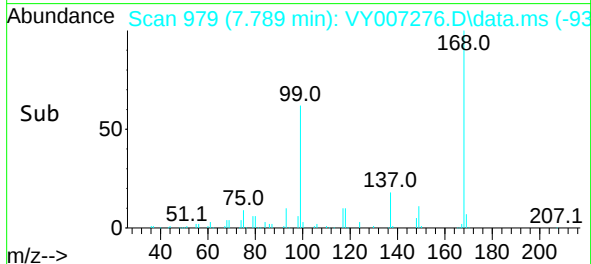
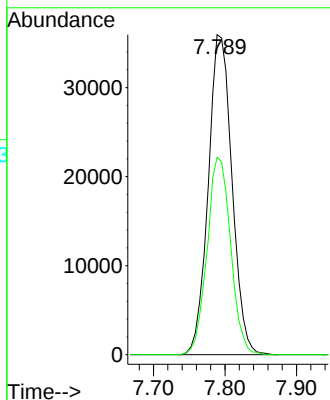
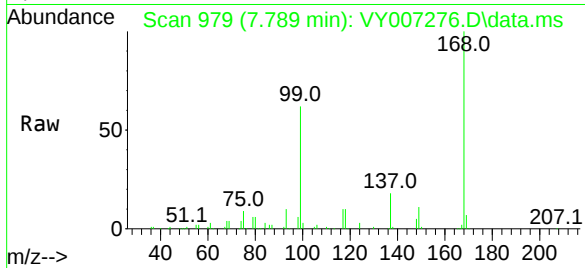




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

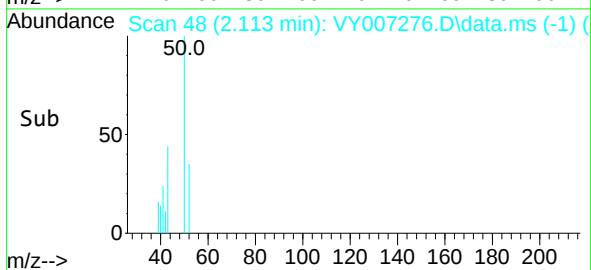
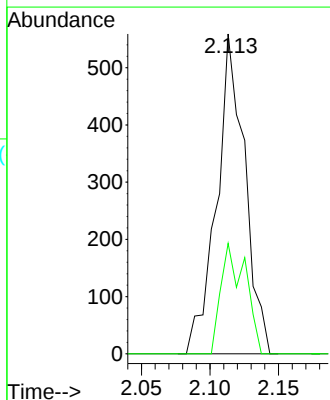
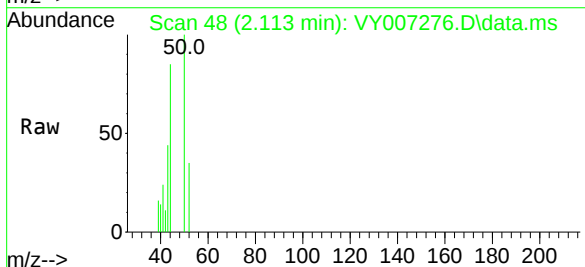
Instrument :
MSVOA_Y
ClientSampleId :

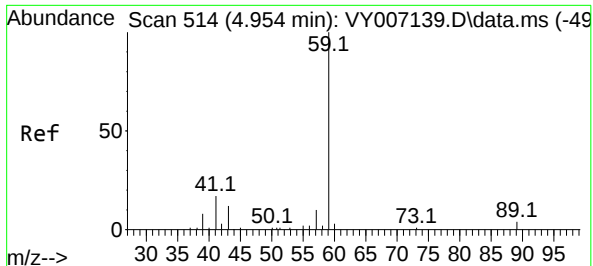
Tgt Ion:168 Resp: 82919
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#3
Chloromethane
Concen: 1.309 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Tgt Ion: 50 Resp: 798
Ion Ratio Lower Upper
50 100
52 34.5 27.1 40.7





#11

Tert butyl alcohol

Concen: 1.651 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

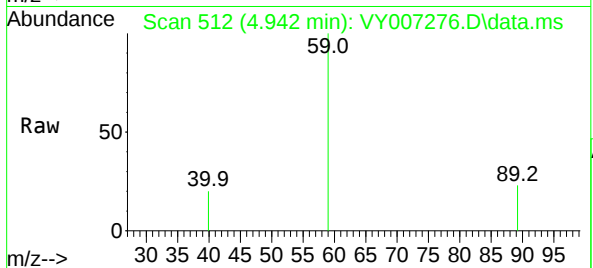
Lab File: VY007276.D

Acq: 24 Jan 2022 18:08

Instrument :

MSVOA_Y

ClientSampleId :

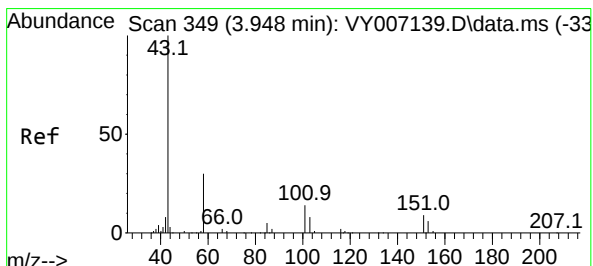
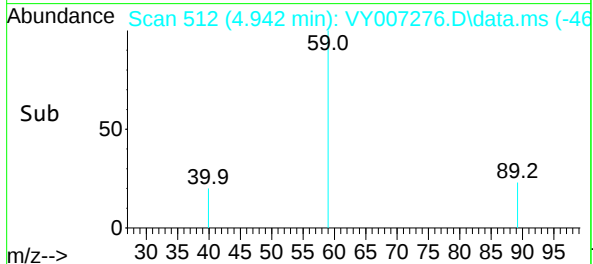
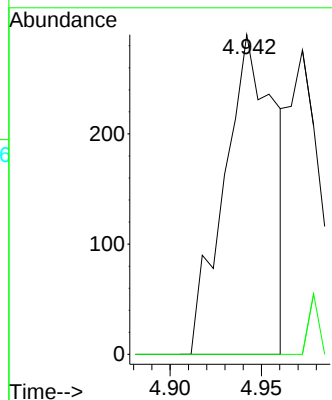


Tgt Ion: 59 Resp: 558

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.159 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007276.D

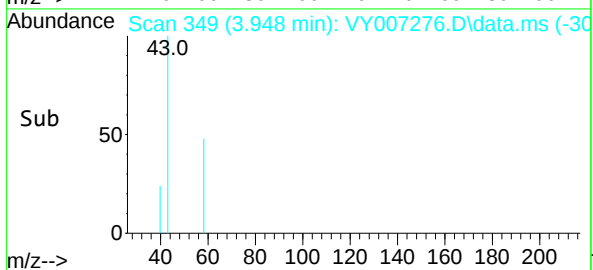
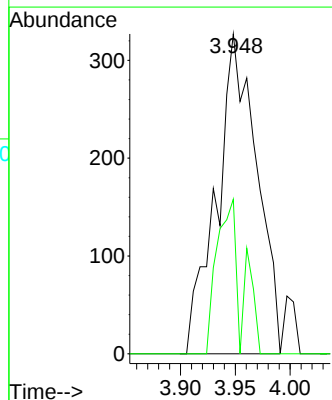
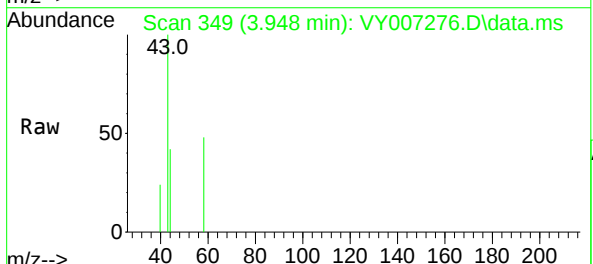
Acq: 24 Jan 2022 18:08

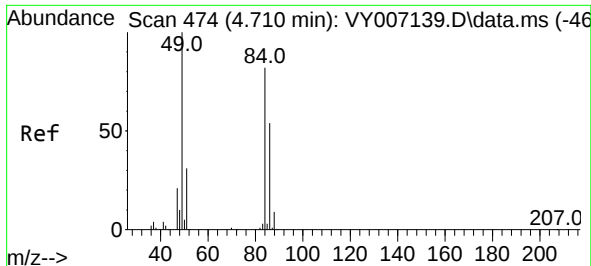
Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 48.3 23.8 35.6#





#20

Methylene Chloride

Concen: 1.087 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

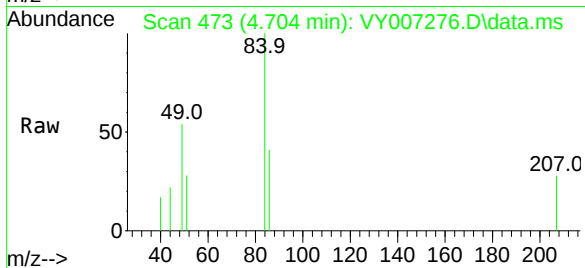
Lab File: VY007276.D

Acq: 24 Jan 2022 18:08

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1187

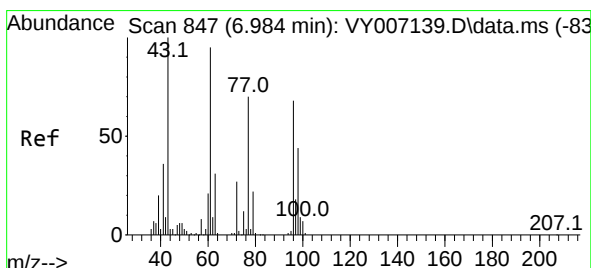
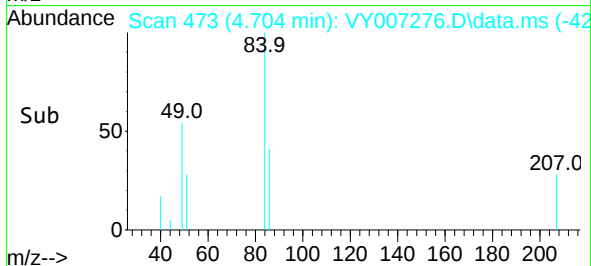
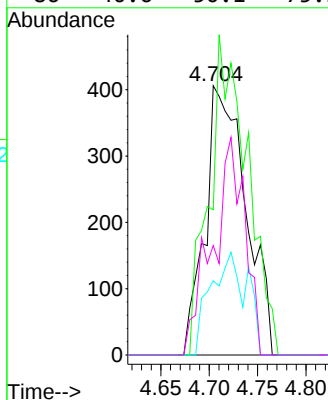
Ion Ratio Lower Upper

84 100

49 53.9 92.6 139.0#

51 27.6 28.6 42.8#

86 40.6 50.1 75.1#



#25

2-Butanone

Concen: 1.834 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.019 min

Lab File: VY007276.D

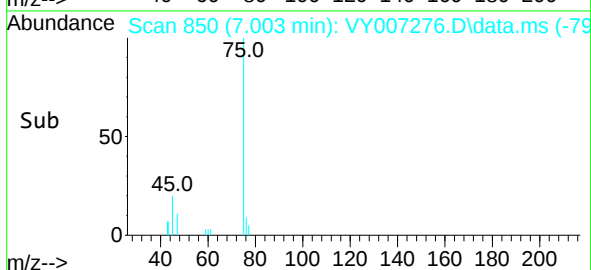
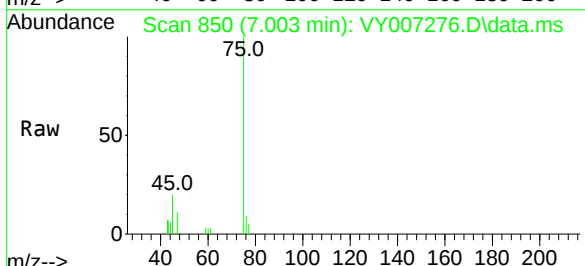
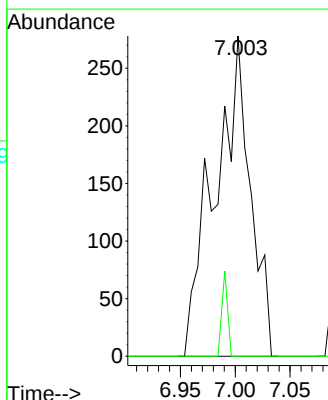
Acq: 24 Jan 2022 18:08

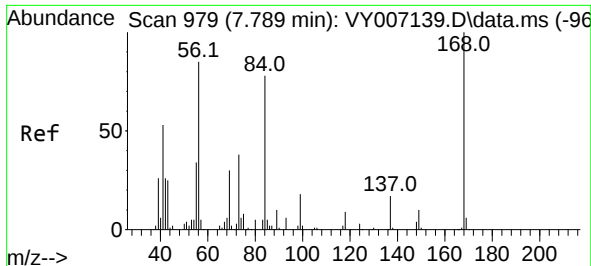
Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

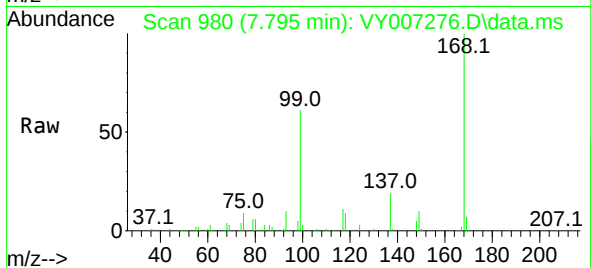
72 0.0 21.9 32.9#



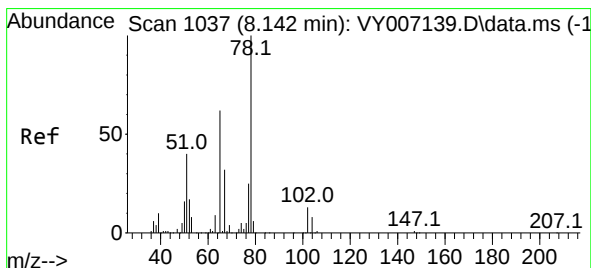
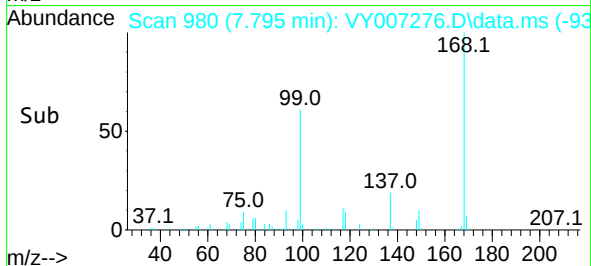
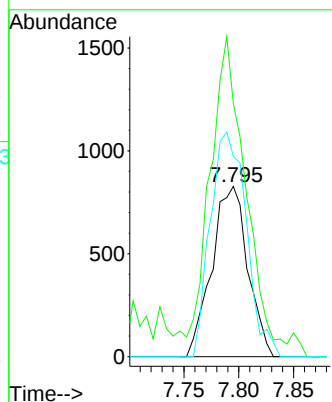


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Instrument :
MSVOA_Y
ClientSampleId :

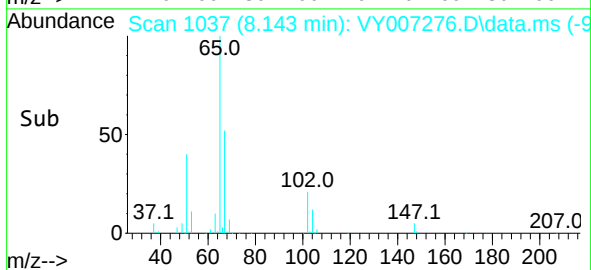
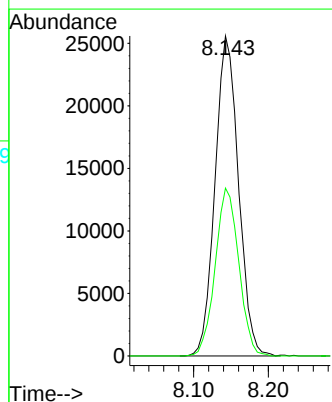
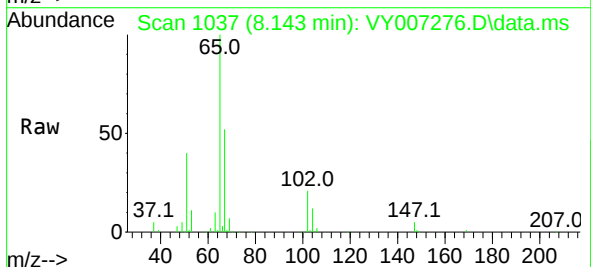


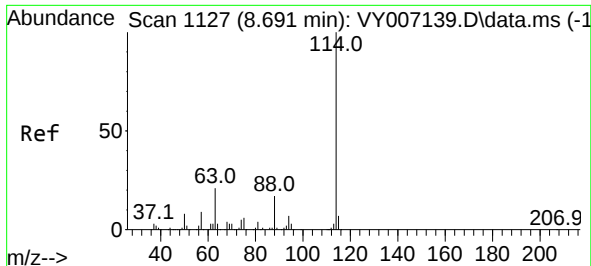
Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 138.6 27.2 40.8#
84 117.9 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

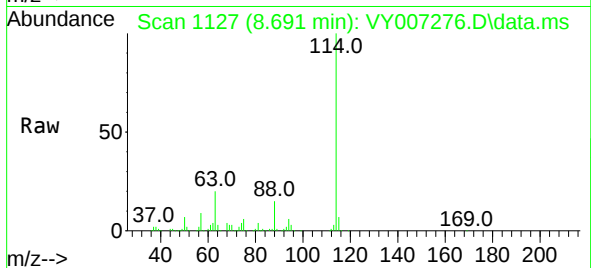
Tgt Ion: 65 Resp: 55841
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



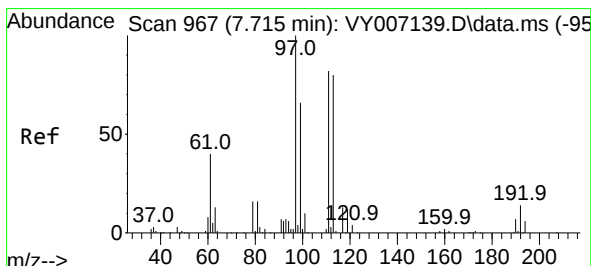
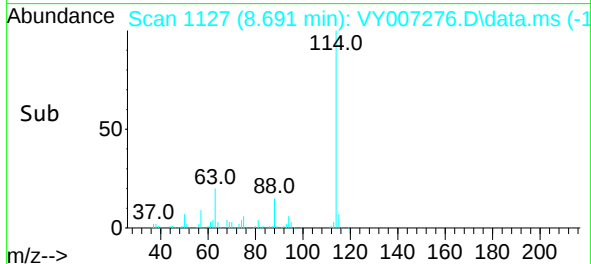
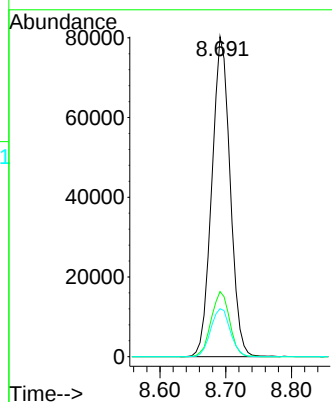


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Instrument :
MSVOA_Y
ClientSampleId :

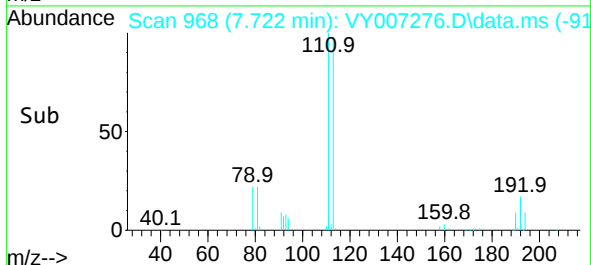
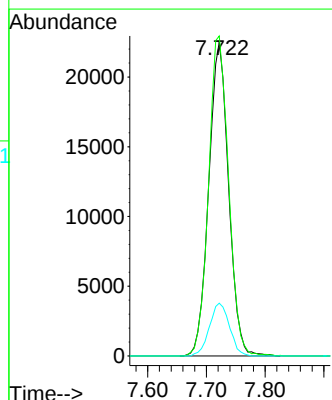
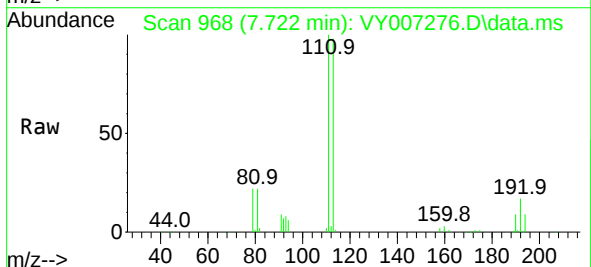


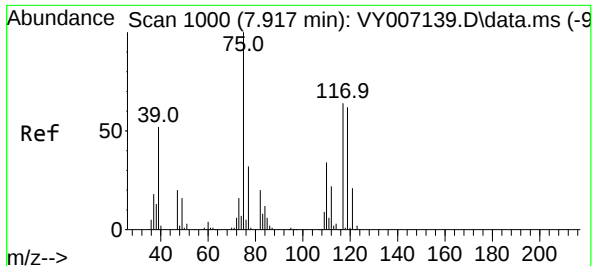
Tgt Ion:114 Resp: 155323
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.197 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Tgt Ion:113 Resp: 52721
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.121 min

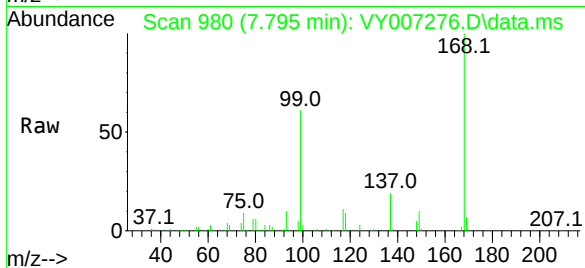
Lab File: VY007276.D

Acq: 24 Jan 2022 18:08

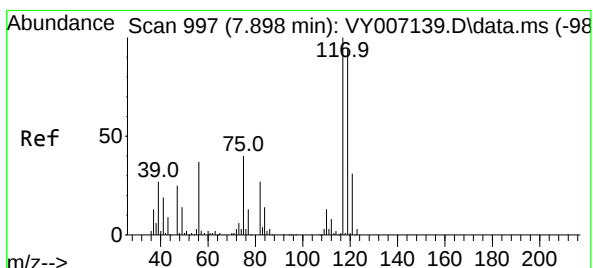
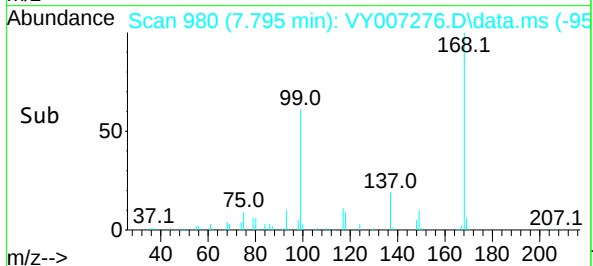
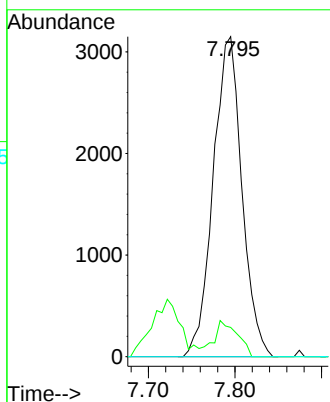
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp:	7248
Ion Ratio	Lower	Upper
75	100	
110	9.4	17.3 51.9#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.099 ug/l

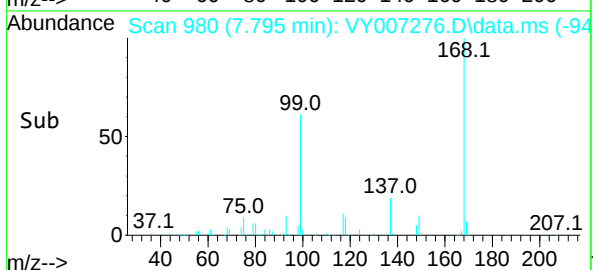
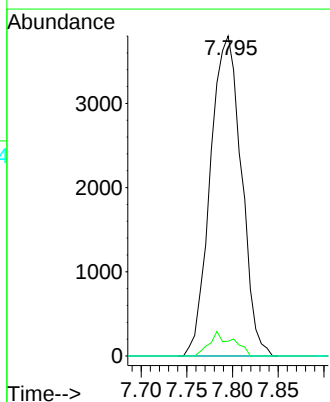
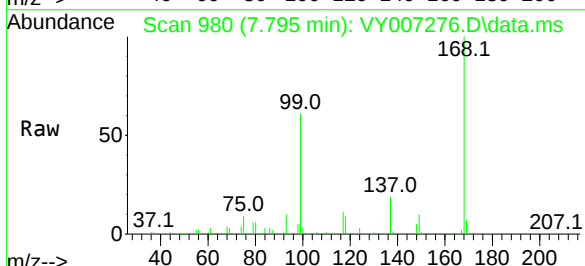
RT: 7.795 min Scan# 980

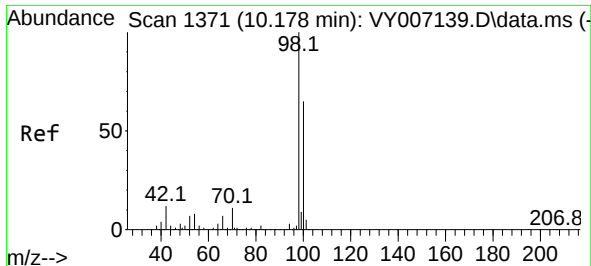
Delta R.T. -0.103 min

Lab File: VY007276.D

Acq: 24 Jan 2022 18:08

Tgt Ion: 117	Resp:	8997
Ion Ratio	Lower	Upper
117	100	
119	4.6	77.2 115.8#
121	0.0	24.2 36.2#

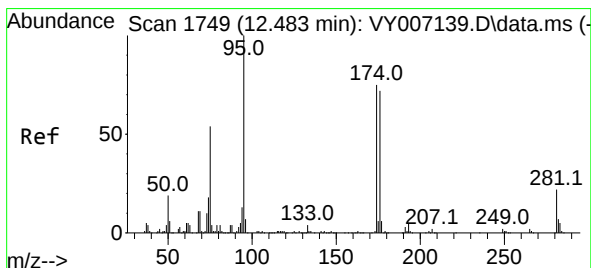
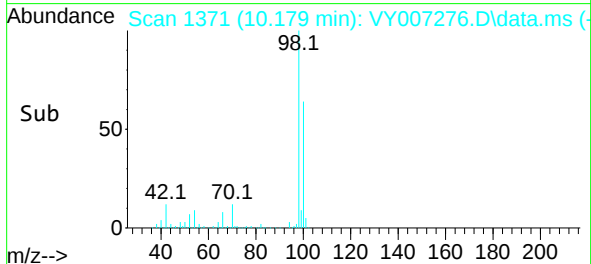
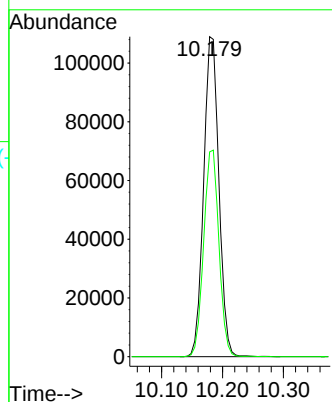
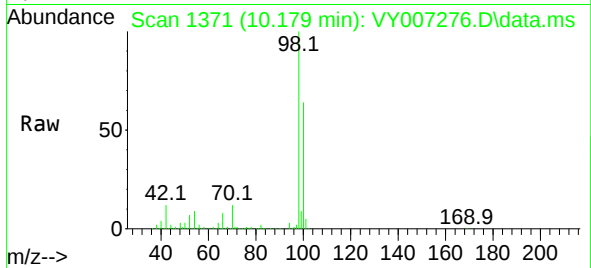




#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

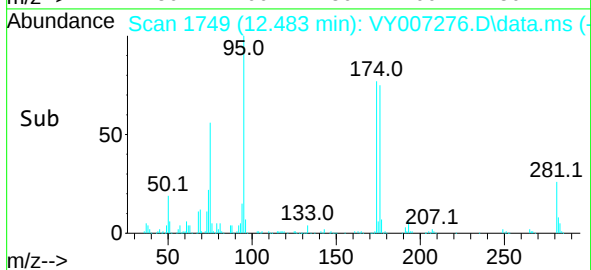
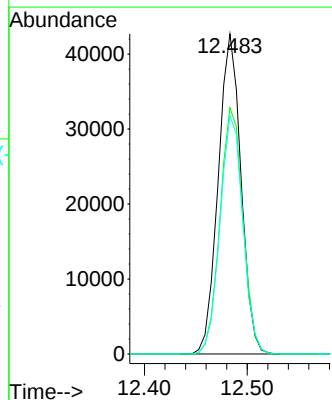
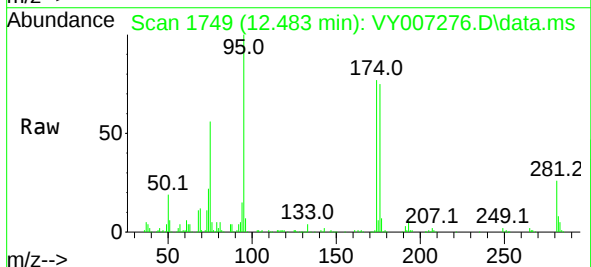
Instrument :
MSVOA_Y
ClientSampleId :

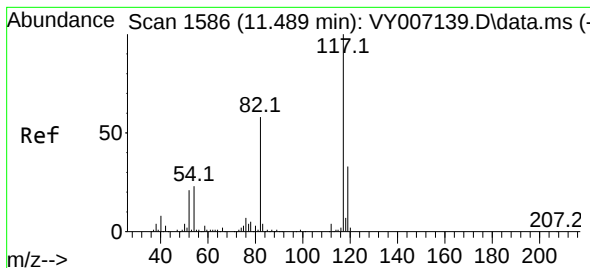
Tgt Ion: 98 Resp: 189184
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Tgt Ion: 95 Resp: 65464
Ion Ratio Lower Upper
95 100
174 77.7 0.0 148.4
176 74.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007276.D

Acq: 24 Jan 2022 18:08

Instrument :

MSVOA_Y

ClientSampleId :

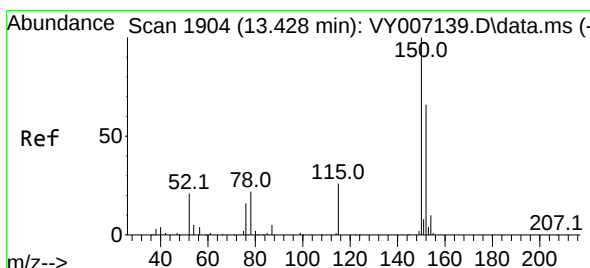
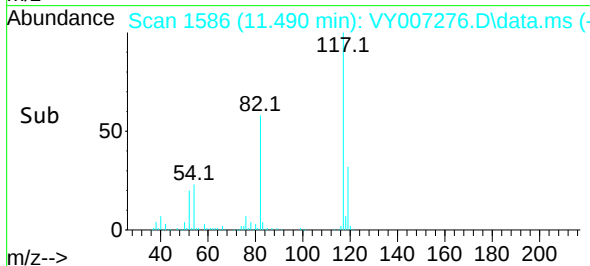
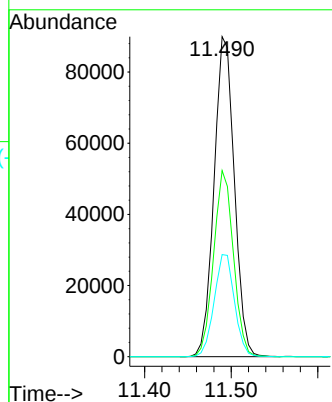
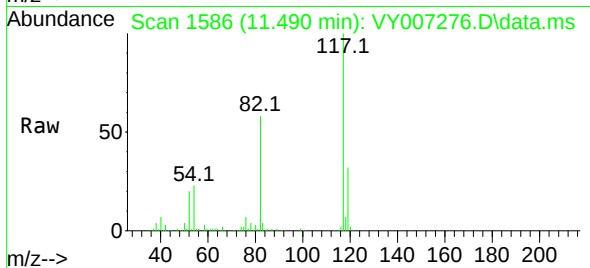
Tgt Ion:117 Resp: 146491

Ion Ratio Lower Upper

117 100

82 58.2 45.4 68.0

119 31.9 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: VY007276.D

Acq: 24 Jan 2022 18:08

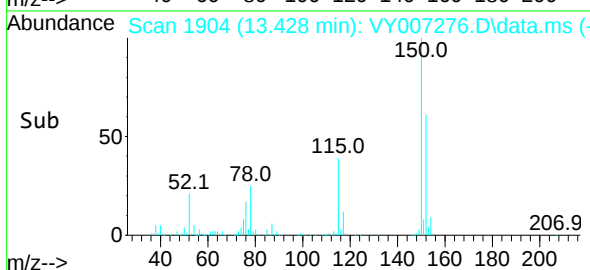
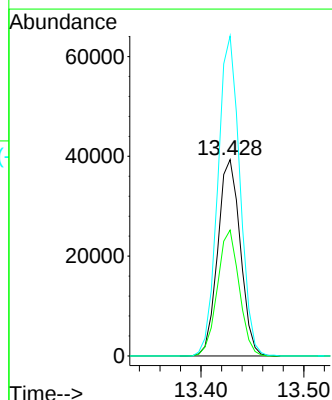
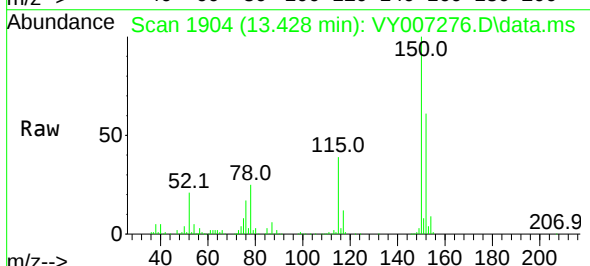
Tgt Ion:152 Resp: 59883

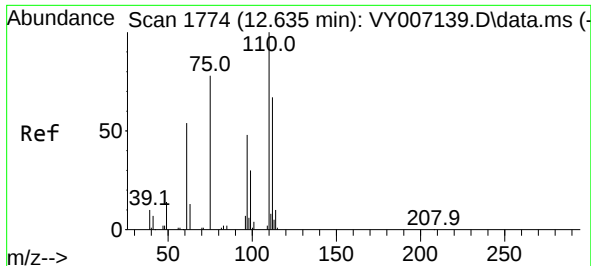
Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.0

150 159.2 0.0 348.4

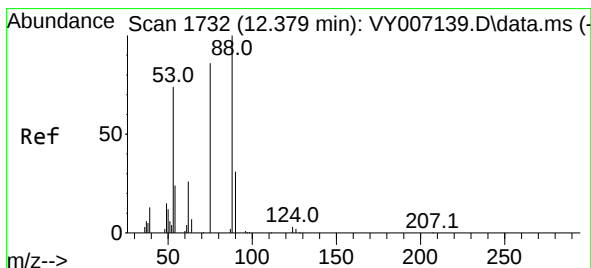
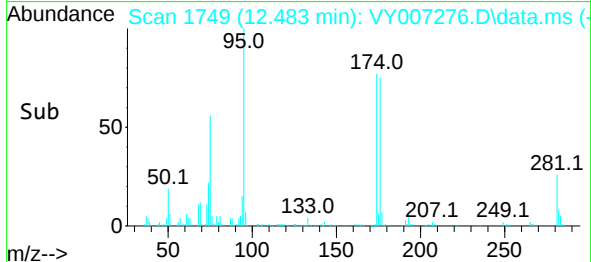
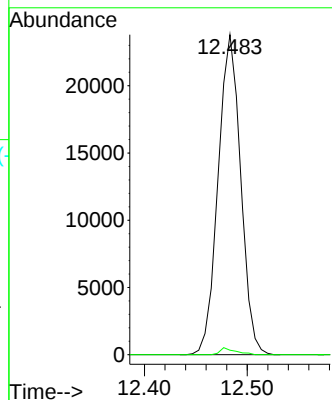
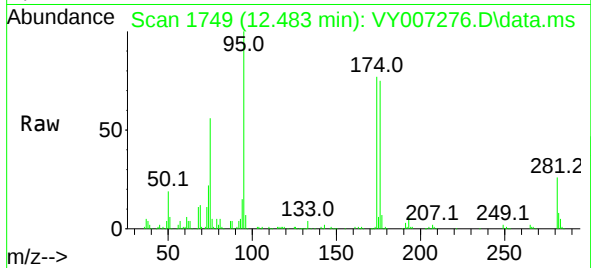




#76
1,2,3-Trichloropropane
Concen: 53.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36314
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007276.D
Acq: 24 Jan 2022 18:08

Tgt Ion: 75 Resp: 36314
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.7 0.0 0.0#

