

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007669.D
 Acq On : 01 Mar 2022 15:43
 Operator : SY/MD
 Sample : N1721-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:51:16 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)

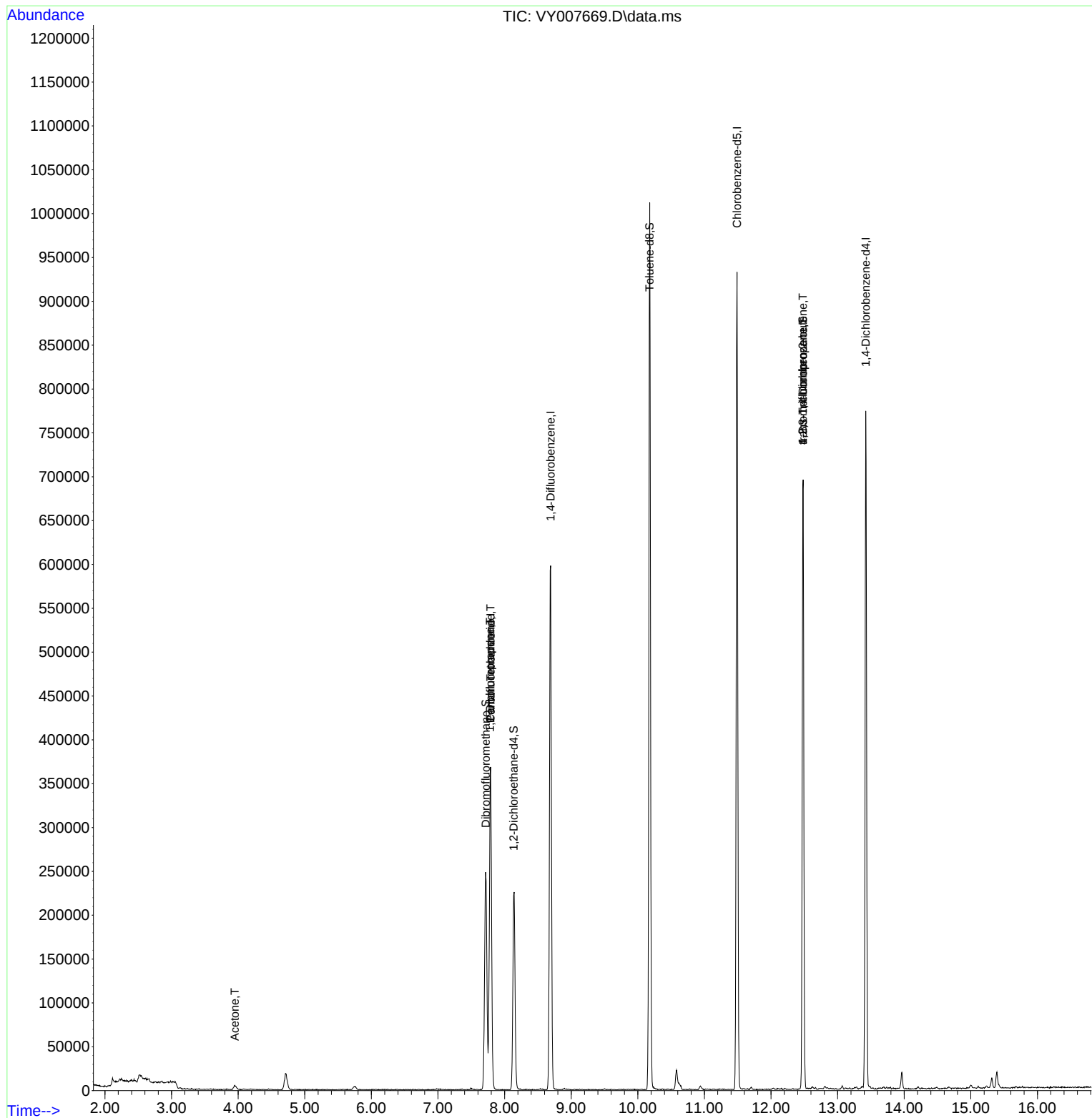
Internal Standards						
1) Pentafluorobenzene	7.789	168	290137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	516762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	499609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176421	58.082	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.160%			
35) Dibromofluoromethane	7.716	113	175547	53.135	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.260%			
50) Toluene-d8	10.179	98	646753	53.180	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.477	95	195444	49.856	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	273	Below Cal	#	43
3) Chloromethane	2.113	50	4228	Below Cal		90
13) Acrolein	3.716	56	86	Below Cal	#	64
16) Acetone	3.948	43	8291	13.418	ug/l	90
17) Carbon Disulfide	4.186	76	74	Below Cal	#	75
18) Methyl Acetate	4.485	43	664	Below Cal	#	74
31) Cyclohexane	7.783	56	6648	Below Cal	#	13
36) 1,1-Dichloropropene	7.783	75	22597	4.348	ug/l #	51
38) Carbon Tetrachloride	7.789	117	28450	5.132	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	109827	50.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	109827	103.186	ug/l #	7

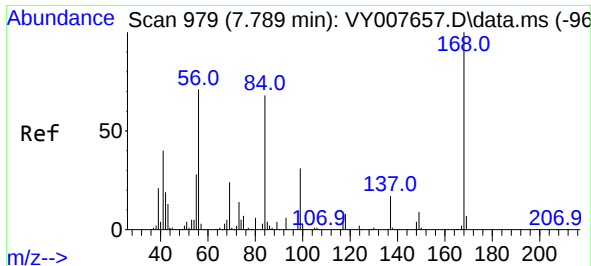
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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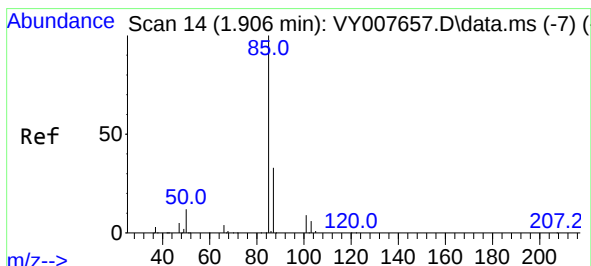
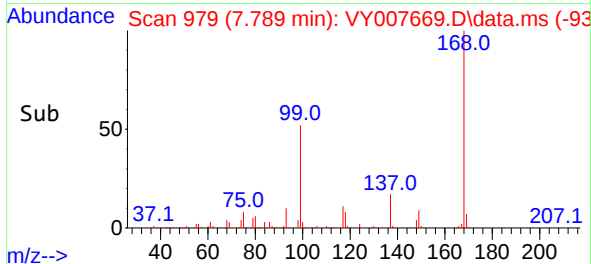
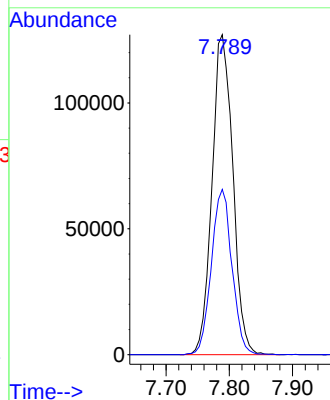
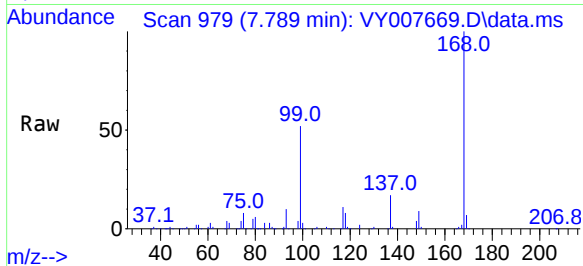




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

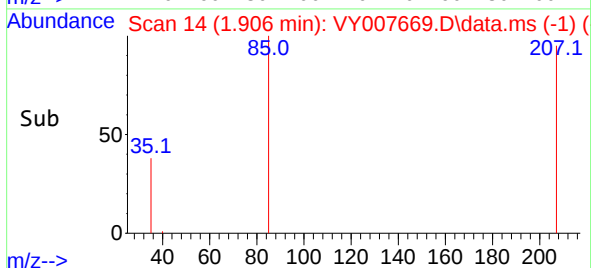
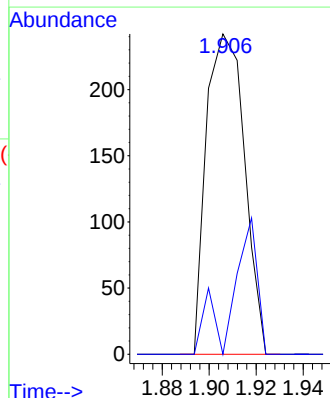
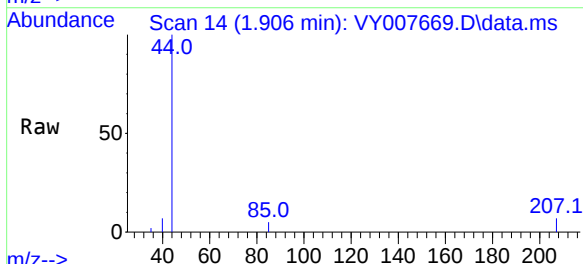
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 290137
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3

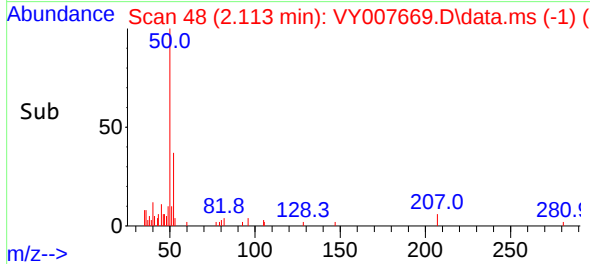
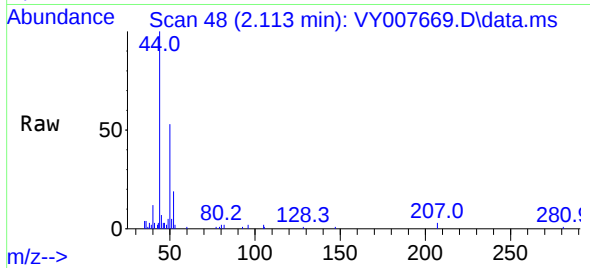
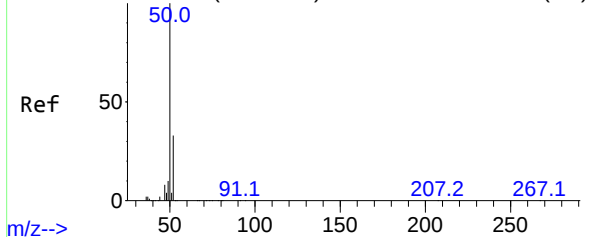


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 85 Resp: 273
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: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

Instrument :

MSVOA_Y

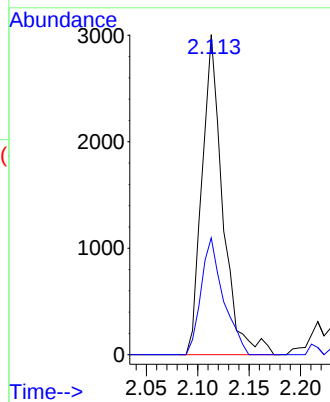
ClientSampleId :

Tgt Ion: 50 Resp: 4228

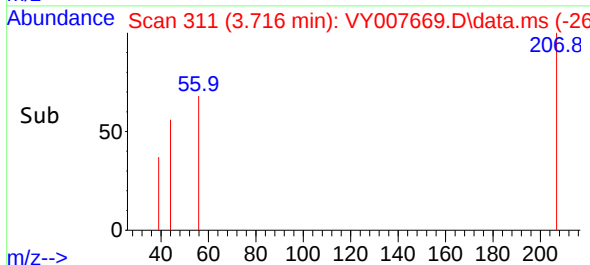
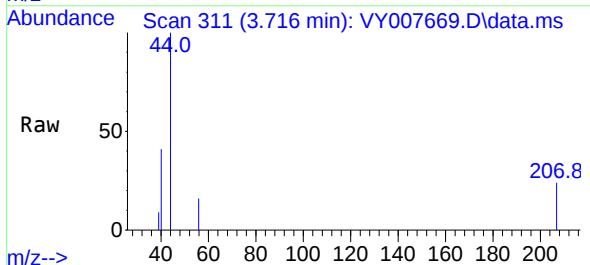
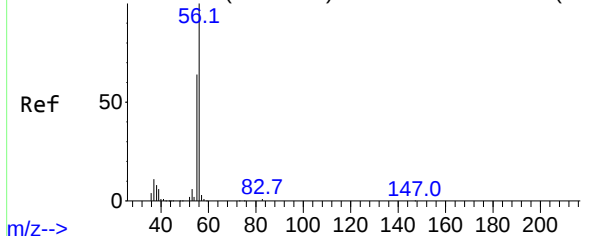
Ion Ratio Lower Upper

50 100

52 36.5 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.716 min Scan# 311

Delta R.T. -0.013 min

Lab File: VY007669.D

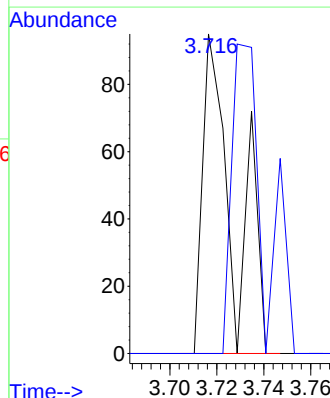
Acq: 01 Mar 2022 15:43

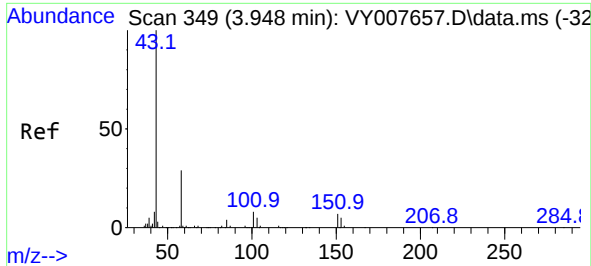
Tgt Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

55 102.3 57.6 86.4#





#16

Acetone

Concen: 13.418 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

Instrument :

MSVOA_Y

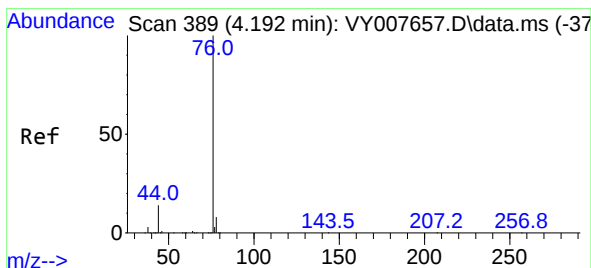
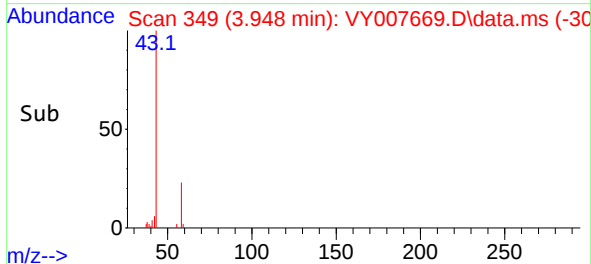
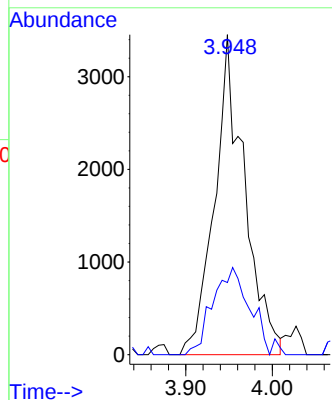
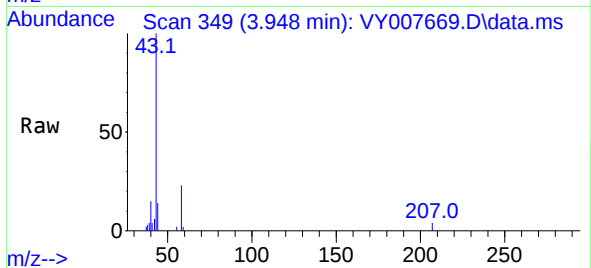
ClientSampleId :

Tgt Ion: 43 Resp: 8291

Ion Ratio Lower Upper

43 100

58 22.5 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY007669.D

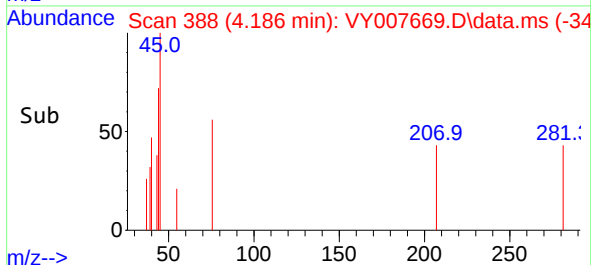
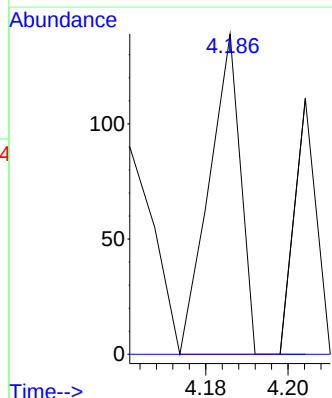
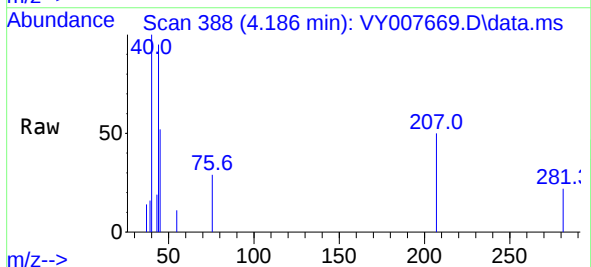
Acq: 01 Mar 2022 15:43

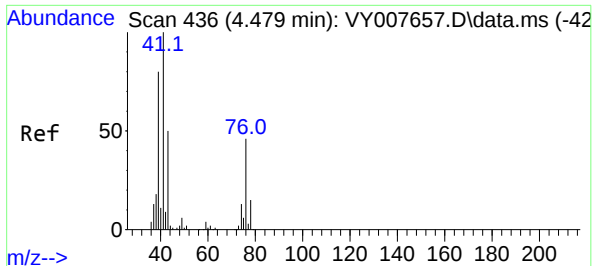
Tgt Ion: 76 Resp: 74

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

Instrument :

MSVOA_Y

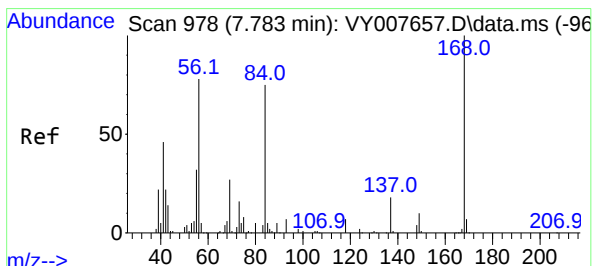
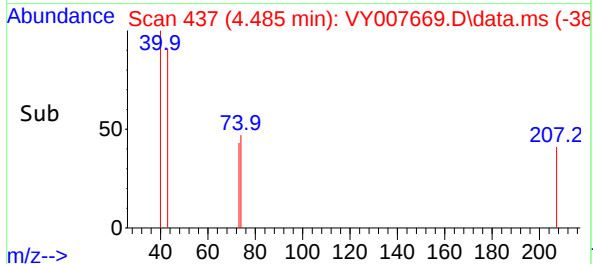
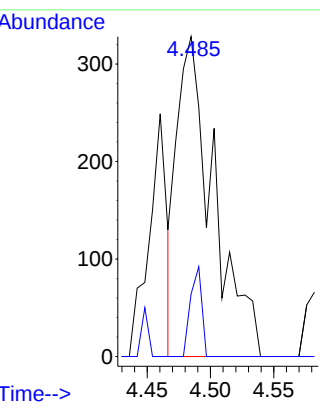
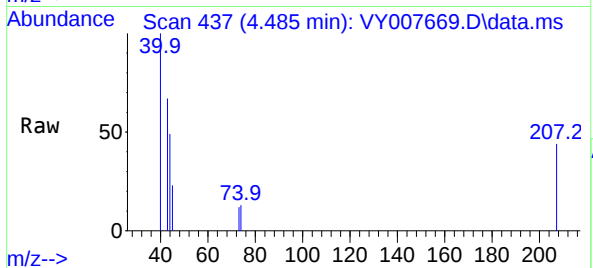
ClientSampleId :

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

74 8.6 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

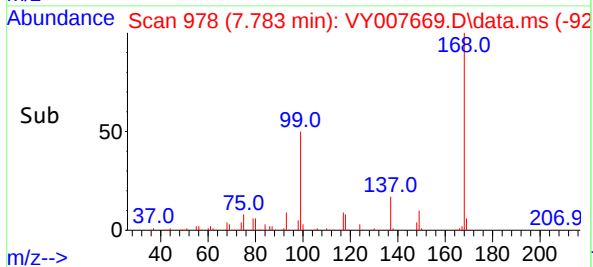
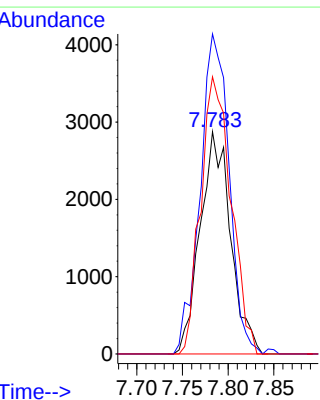
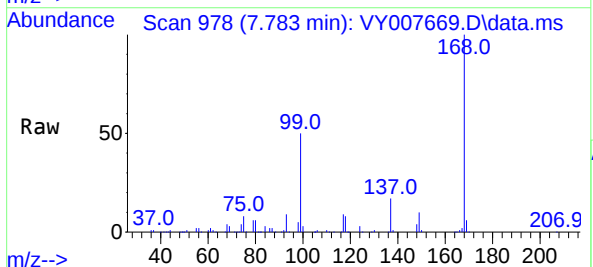
Tgt Ion: 56 Resp: 6648

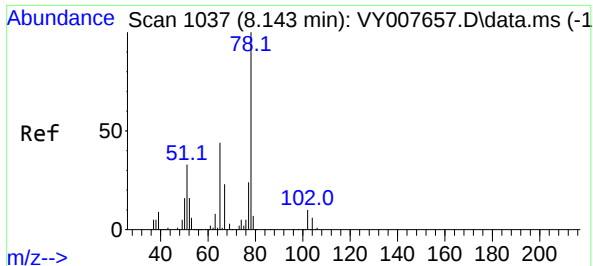
Ion Ratio Lower Upper

56 100

69 143.9 26.7 40.1#

84 124.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.082 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY007669.D

Acq: 01 Mar 2022 15:43

Instrument :

MSVOA_Y

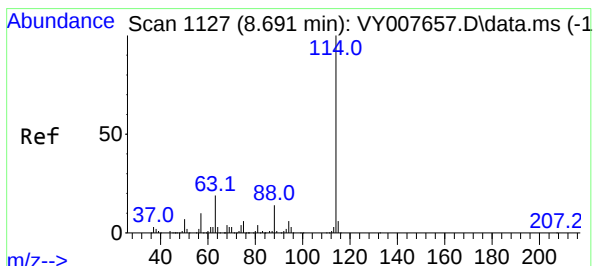
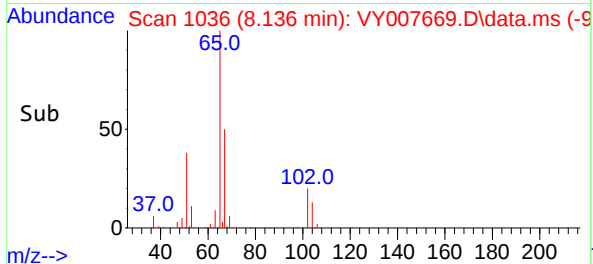
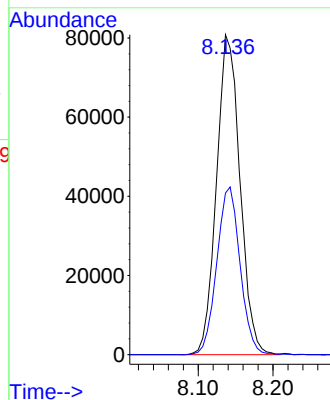
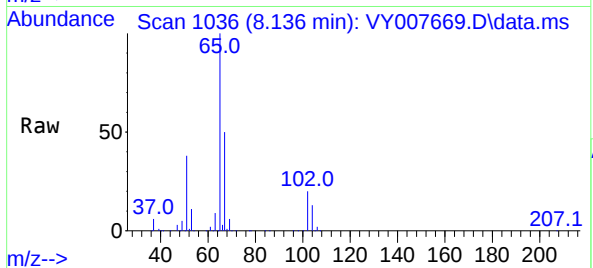
ClientSampleId :

Tgt Ion: 65 Resp: 176421

Ion Ratio Lower Upper

65 100

67 52.0 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: VY007669.D

Acq: 01 Mar 2022 15:43

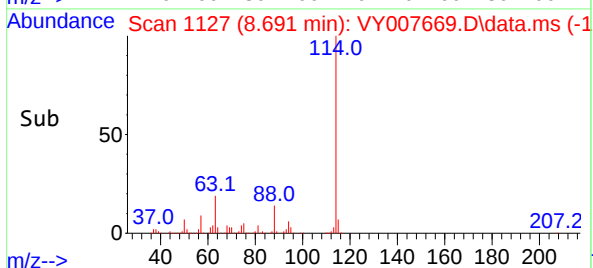
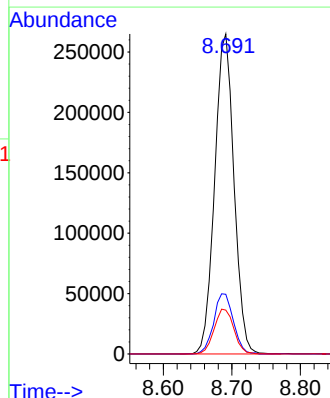
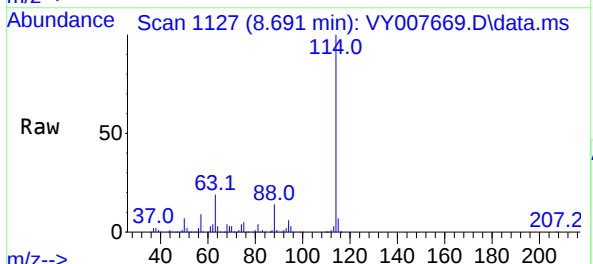
Tgt Ion: 114 Resp: 516762

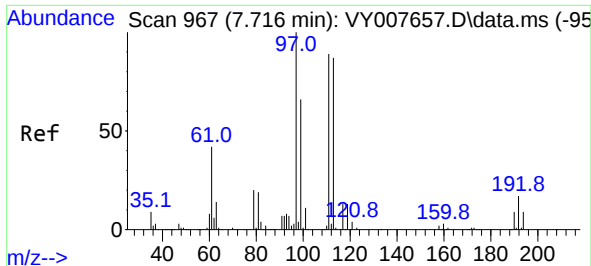
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

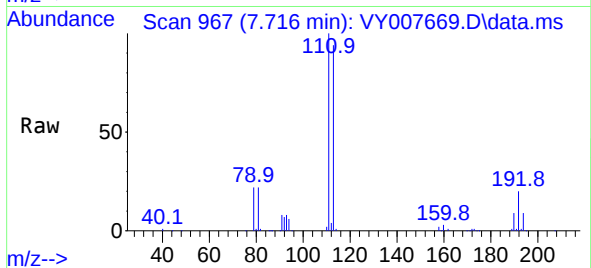
88 13.7 0.0 31.8



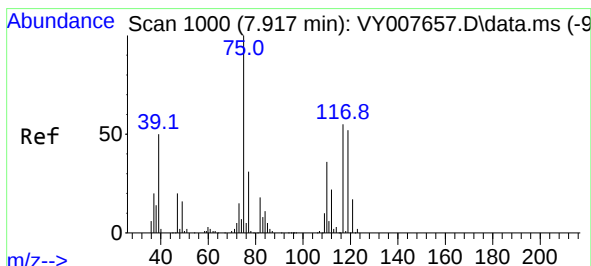
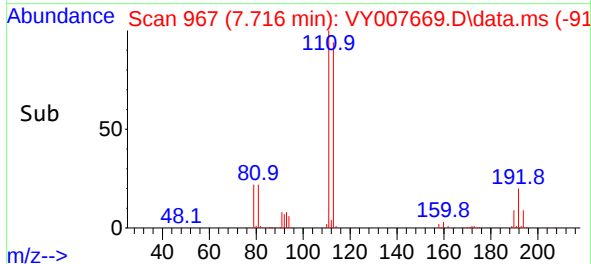
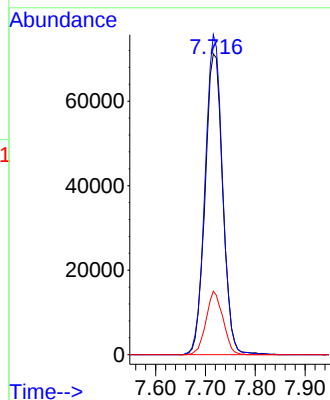


#35
Dibromofluoromethane
Concen: 53.135 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :

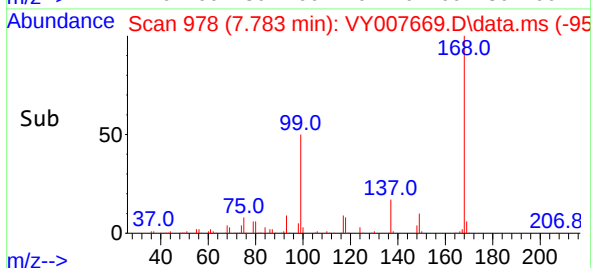
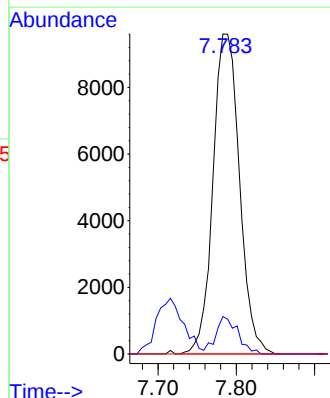
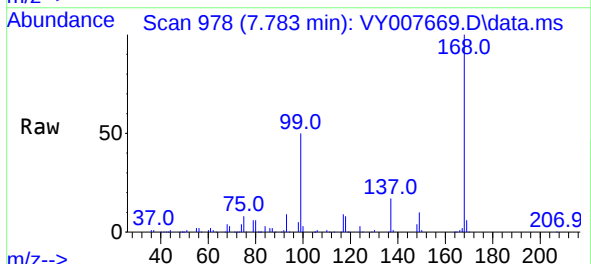


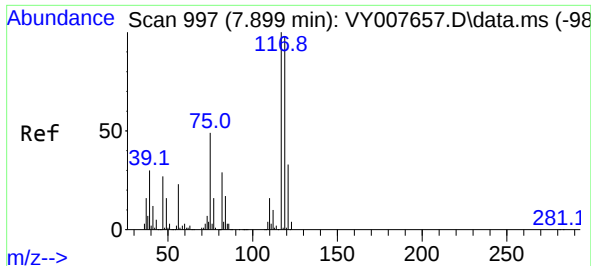
Tgt Ion:113 Resp: 175547
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.348 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

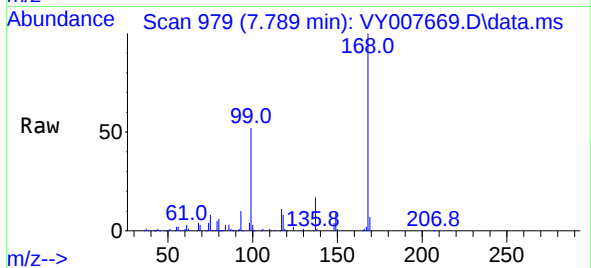
Tgt Ion: 75 Resp: 22597
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



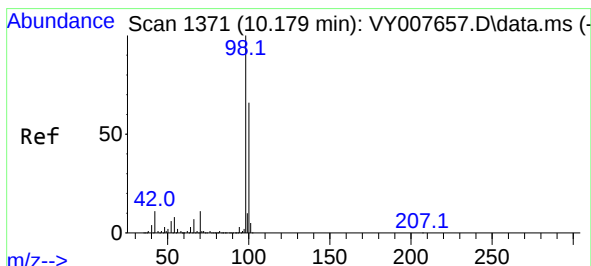
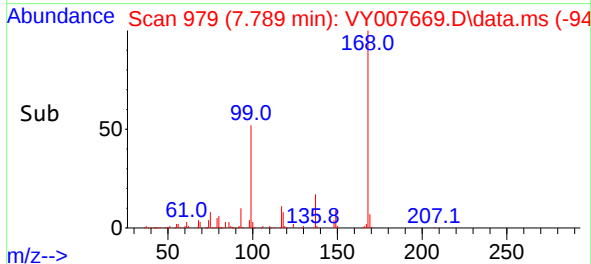
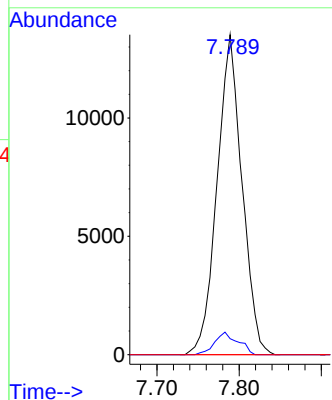


#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :

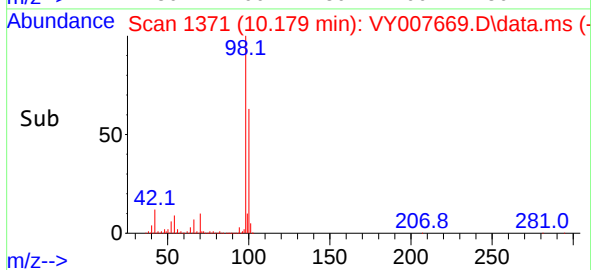
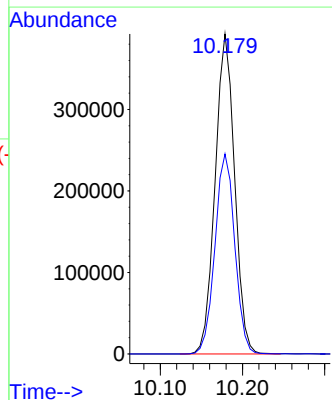
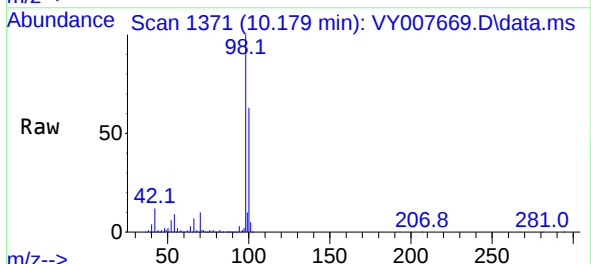


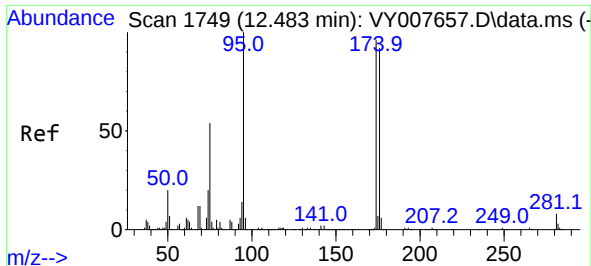
Tgt Ion:117 Resp: 28450
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 98 Resp: 646753
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

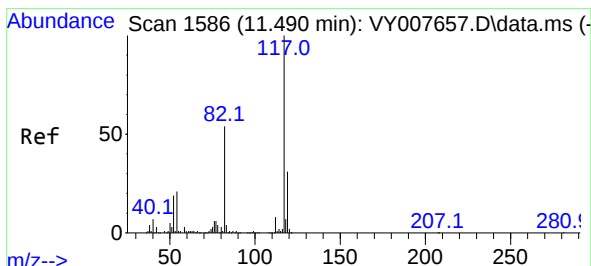
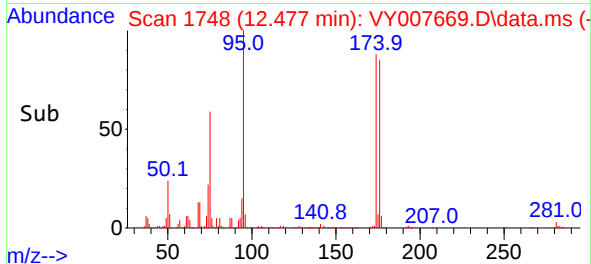
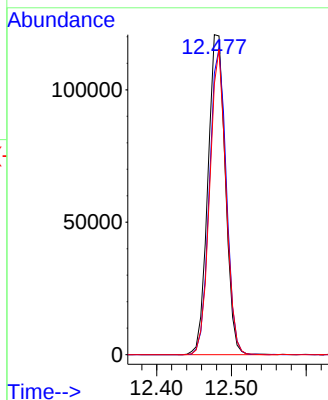
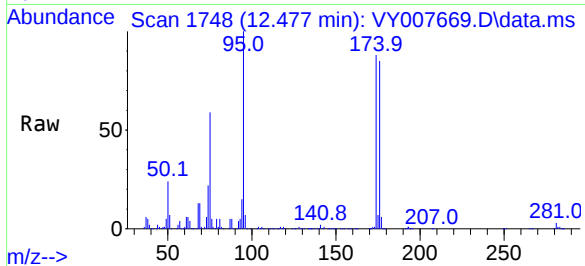




#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 12.477 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

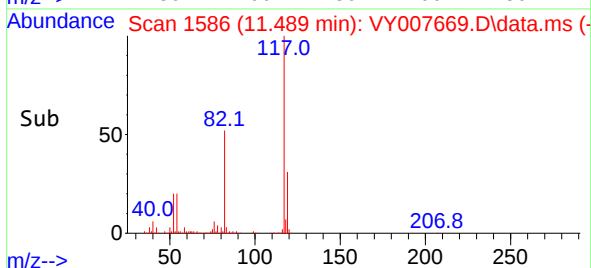
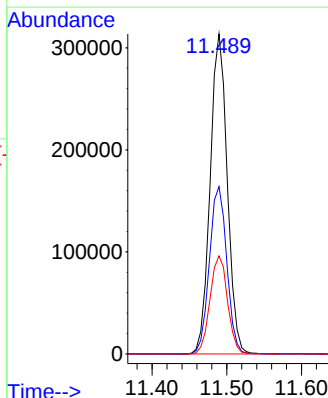
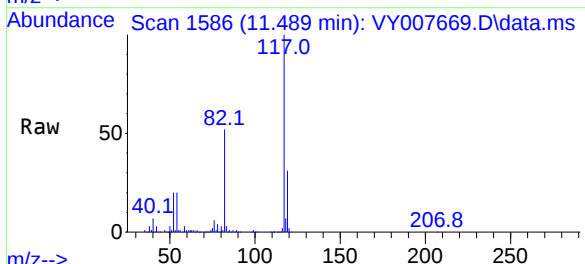
Instrument :
MSVOA_Y
ClientSampleId :

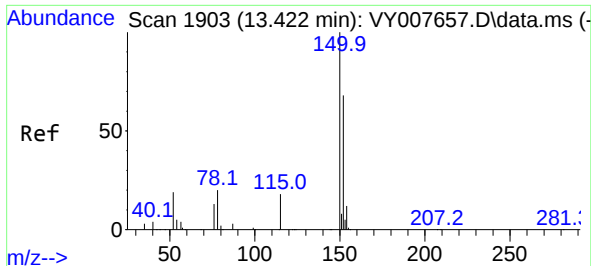
Tgt Ion: 95 Resp: 195444
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 89.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007669.D
Acq: 01 Mar 2022 15:43

Tgt Ion: 117 Resp: 499609
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 30.7 25.4 38.0

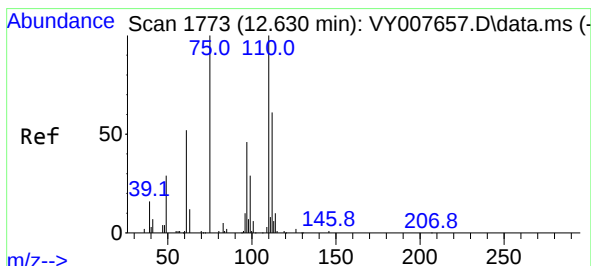
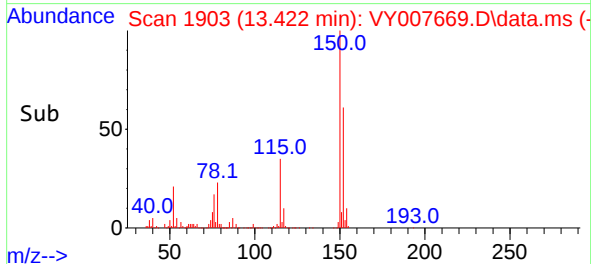
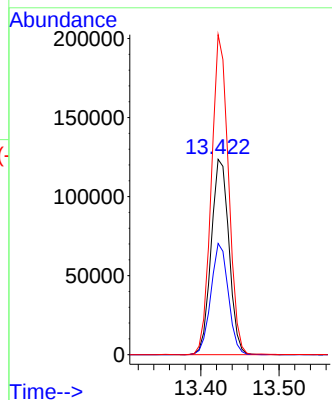
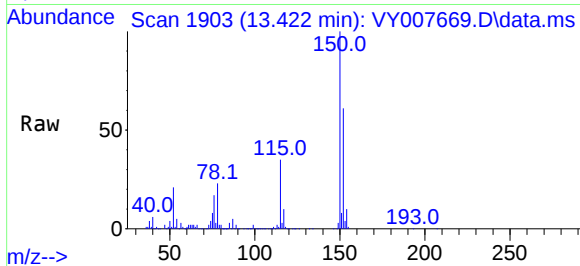




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007669.D
 Acq: 01 Mar 2022 15:43

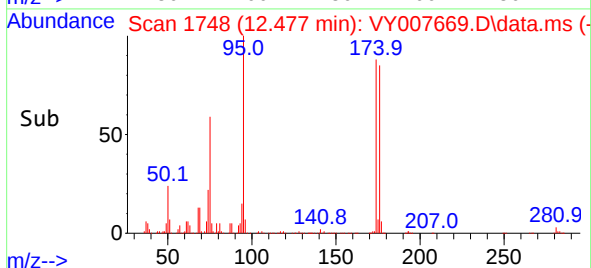
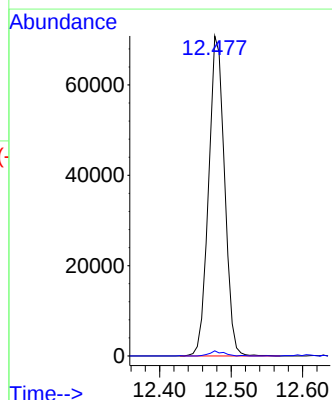
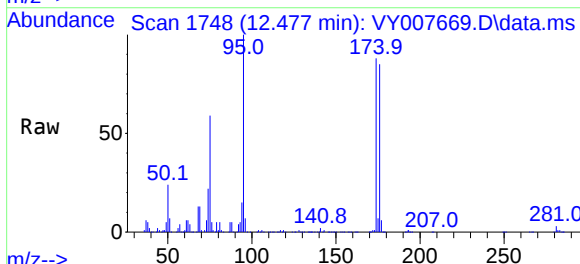
Instrument :
 MSVOA_Y
 ClientSampleId :

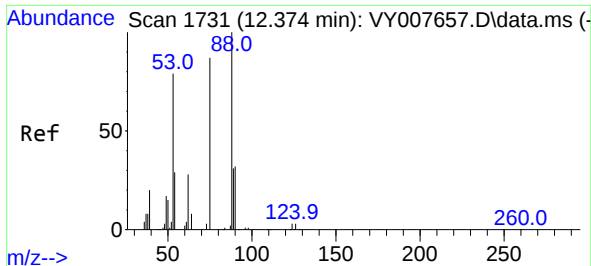
Tgt Ion:152 Resp: 194844
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.473 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007669.D
 Acq: 01 Mar 2022 15:43

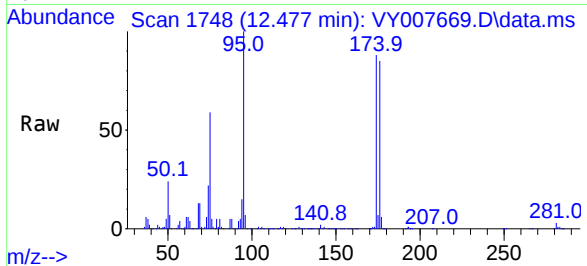
Tgt Ion: 75 Resp: 109827
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.186 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007669.D
 Acq: 01 Mar 2022 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 109827
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

