

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007705.D
 Acq On : 03 Mar 2022 15:31
 Operator : SY/MD
 Sample : N1751-09
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:41:56 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)

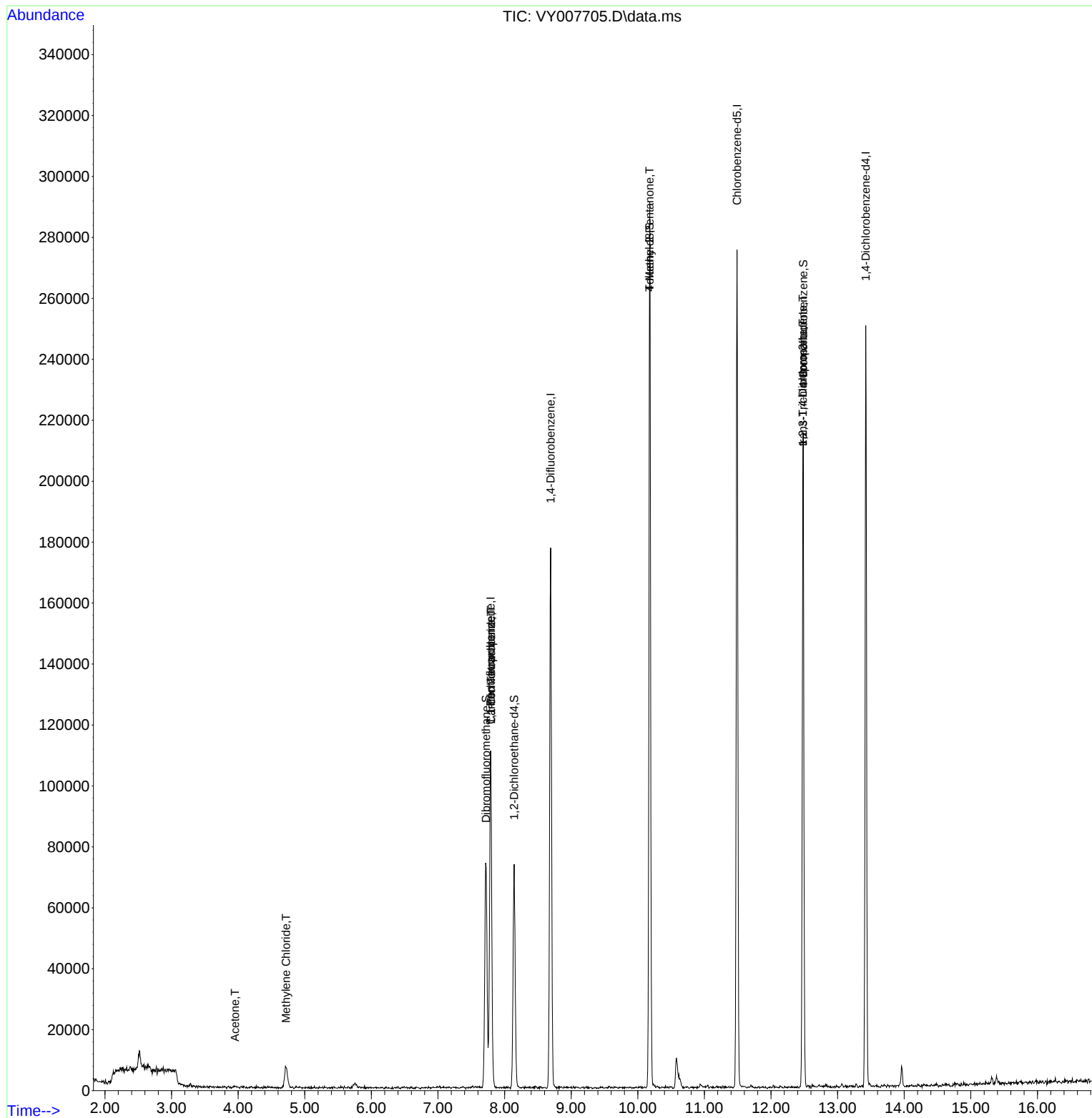
Internal Standards						
1) Pentafluorobenzene	7.789	168	83661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54935	62.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.440%	
35) Dibromofluoromethane	7.722	113	52319	55.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.320%	
50) Toluene-d8	10.179	98	187048	53.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.483	95	56546	50.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	37	Below Cal	#	43
3) Chloromethane	2.113	50	638	Below Cal	#	78
13) Acrolein	3.729	56	33	Below Cal		90
16) Acetone	3.954	43	888	4.984	ug/l	94
18) Methyl Acetate	4.479	43	450	Below Cal	#	56
20) Methylene Chloride	4.716	84	5078	1.741	ug/l	# 84
31) Cyclohexane	7.783	56	1903	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	6674	4.473	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	8076	5.074	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.179	43	890	1.091	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	32038	46.382	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	32038	94.822	ug/l	# 7

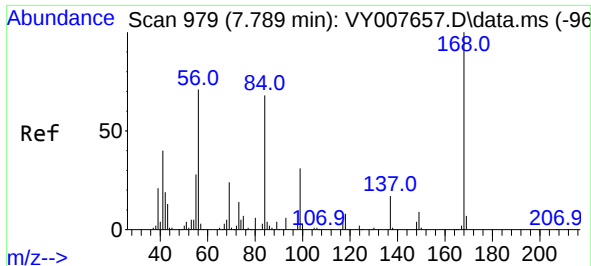
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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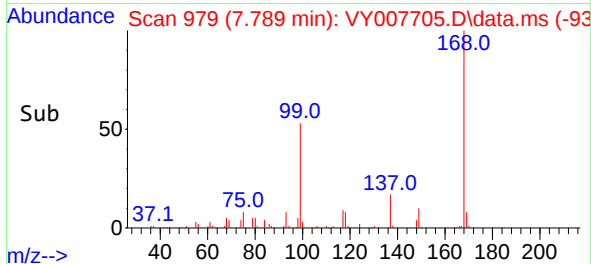
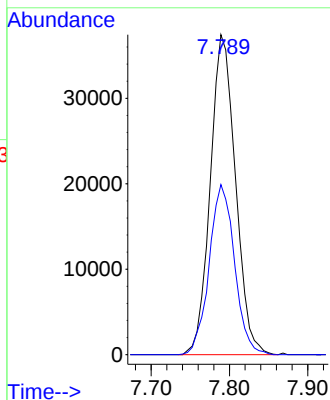
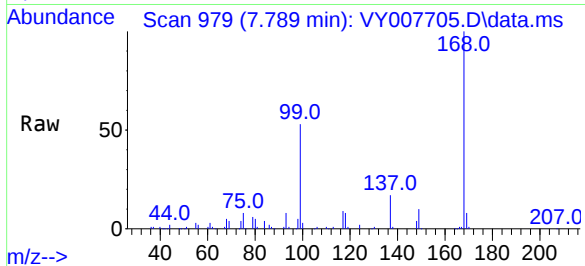




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

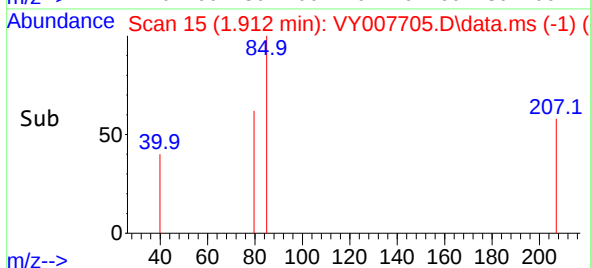
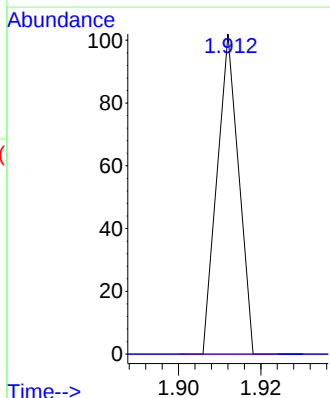
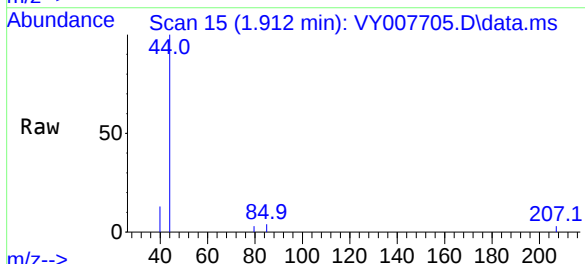
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 83661
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3

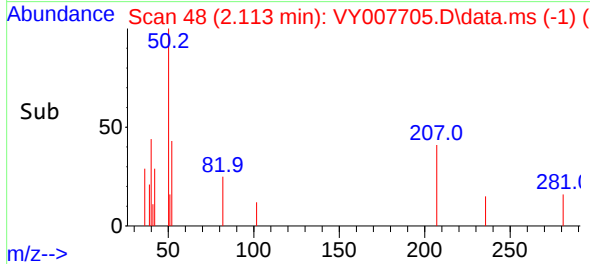
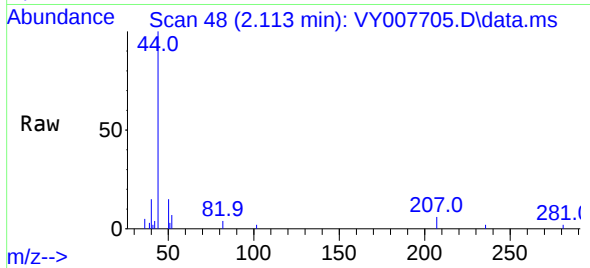
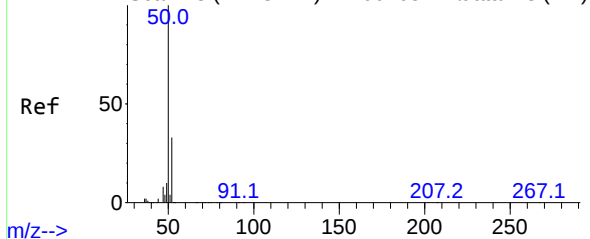


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 85 Resp: 37
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# 48

Delta R.T. 0.000 min

Lab File: VY007705.D

Acq: 03 Mar 2022 15:31

Instrument :

MSVOA_Y

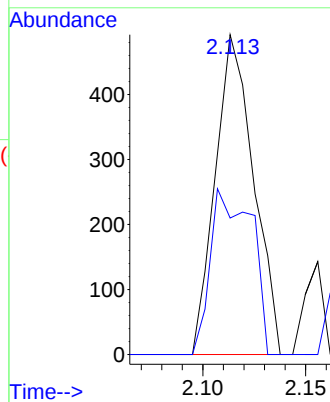
ClientSampleId :

Tgt Ion: 50 Resp: 638

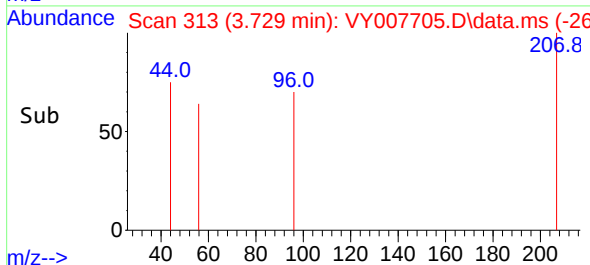
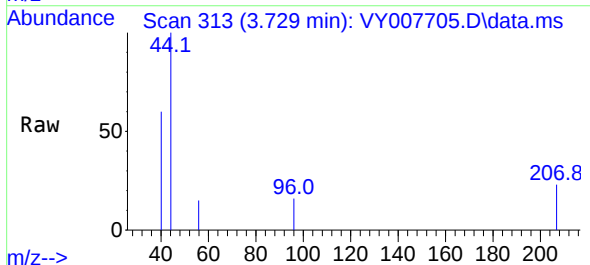
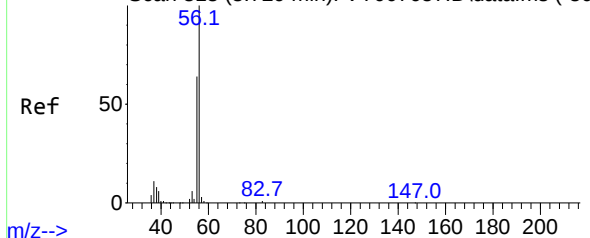
Ion Ratio Lower Upper

50 100

52 42.7 24.6 37.0#



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: VY007705.D

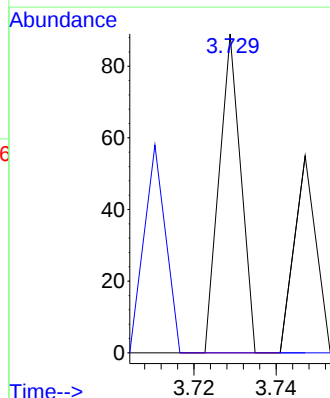
Acq: 03 Mar 2022 15:31

Tgt Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 63.6 57.6 86.4

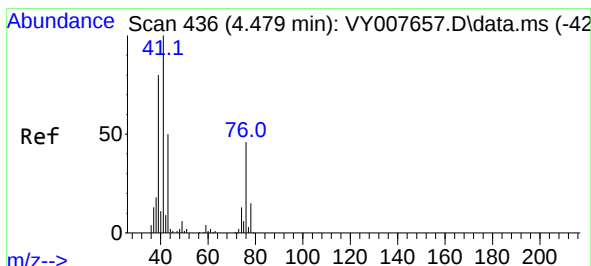
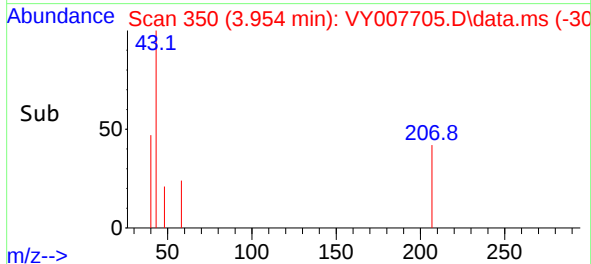
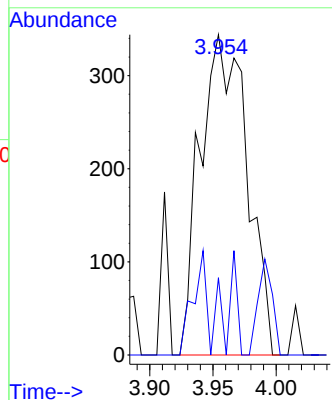
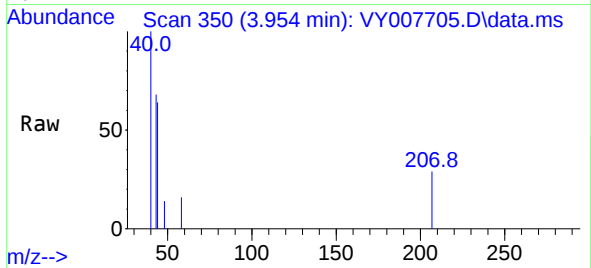




#16
Acetone
Concen: 4.984 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

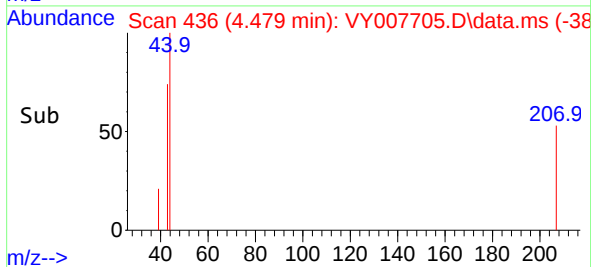
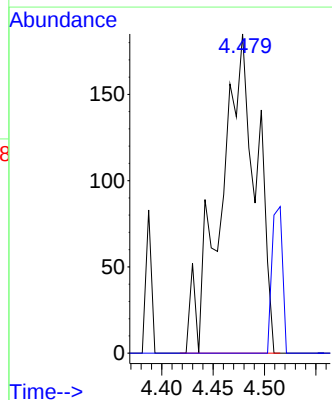
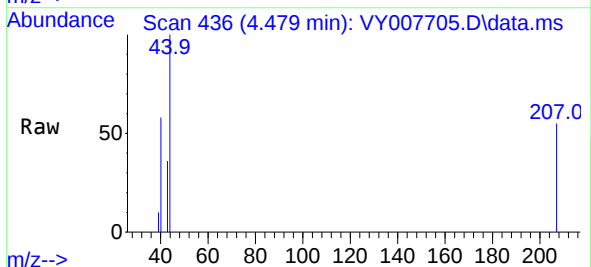
Instrument :
MSVOA_Y
ClientSampleId :

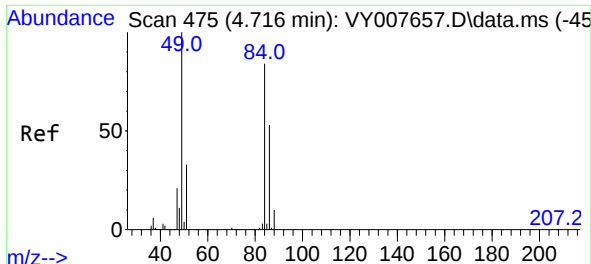
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 24.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

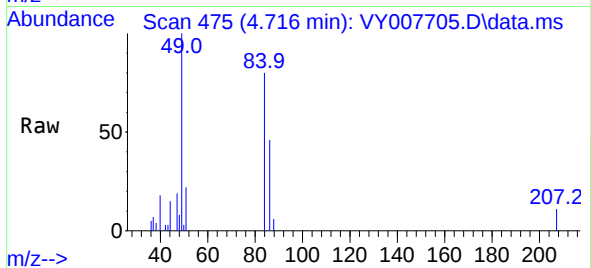
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





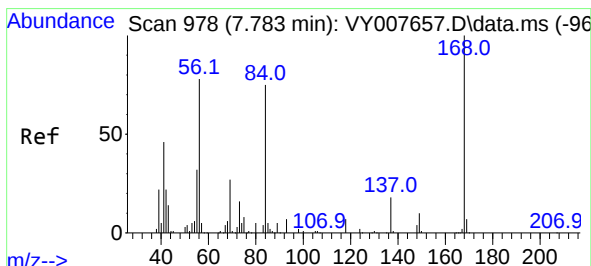
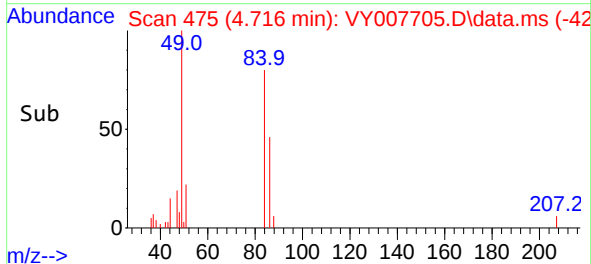
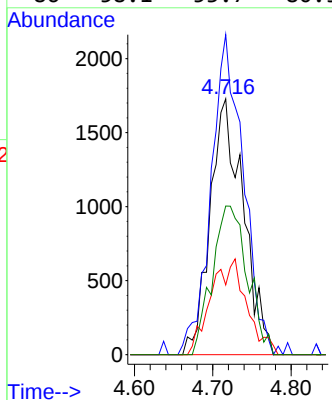
#20
Methylene Chloride
Concen: 1.741 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5078

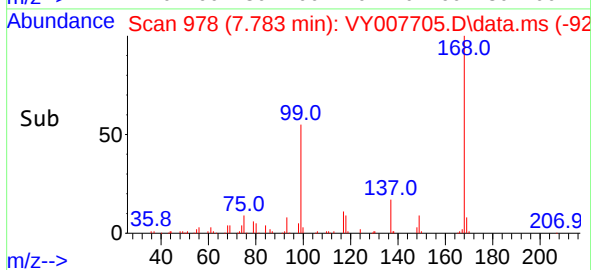
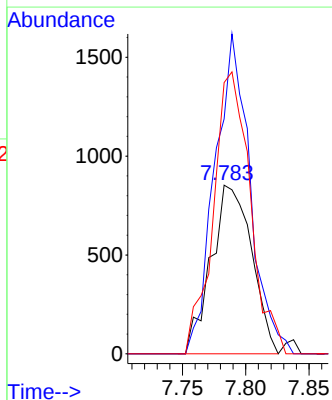
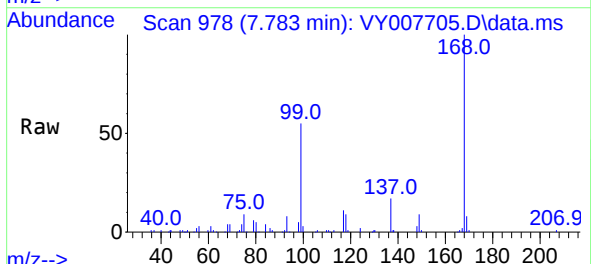
Ion	Ratio	Lower	Upper
84	100		
49	125.1	114.4	171.6
51	27.3	35.3	52.9#
86	58.1	53.7	80.5

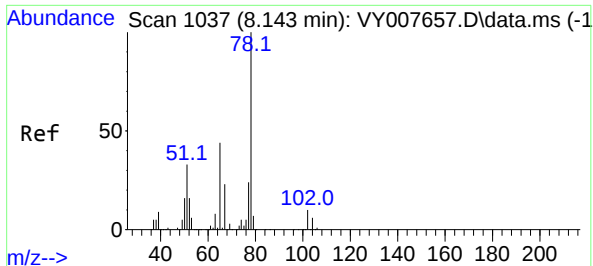


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 56 Resp: 1903

Ion	Ratio	Lower	Upper
56	100		
69	139.3	26.7	40.1#
84	160.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.722 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007705.D

Acq: 03 Mar 2022 15:31

Instrument :

MSVOA_Y

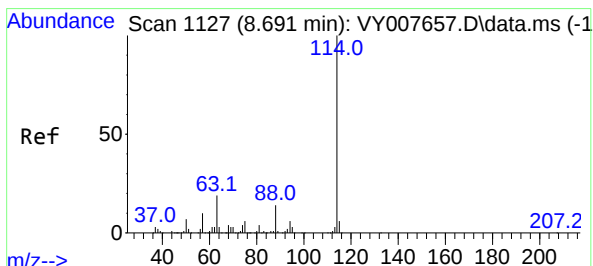
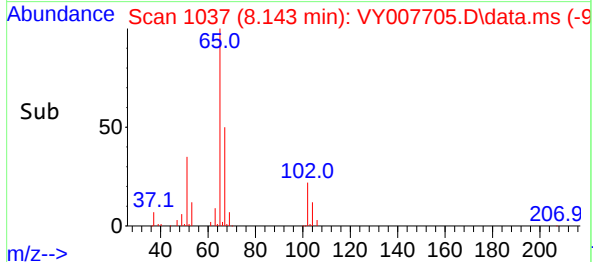
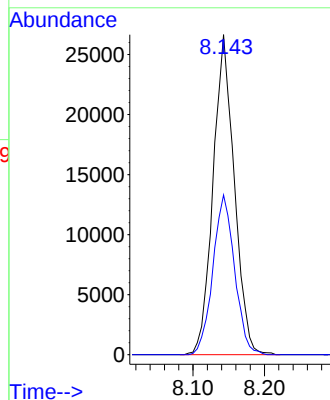
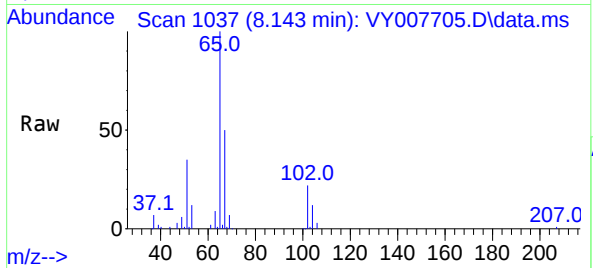
ClientSampleId :

Tgt Ion: 65 Resp: 54935

Ion Ratio Lower Upper

65 100

67 51.0 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: VY007705.D

Acq: 03 Mar 2022 15:31

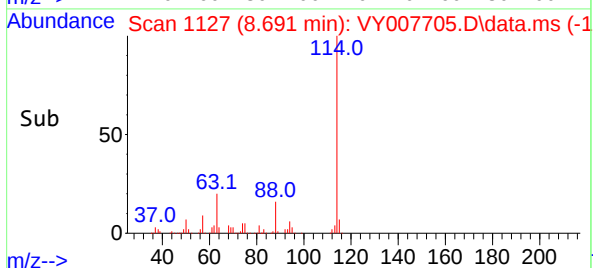
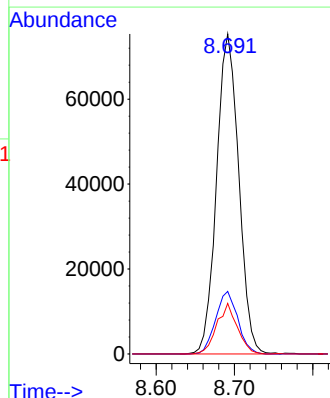
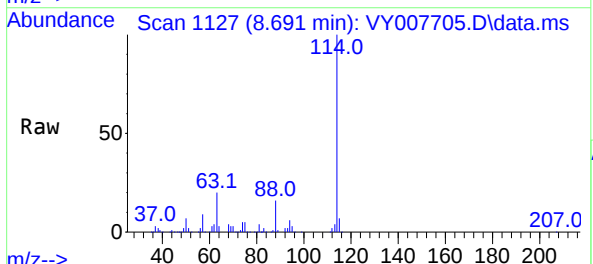
Tgt Ion: 114 Resp: 148369

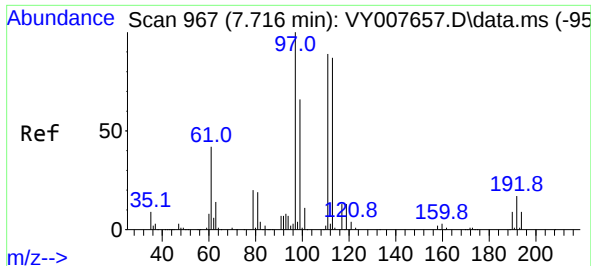
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

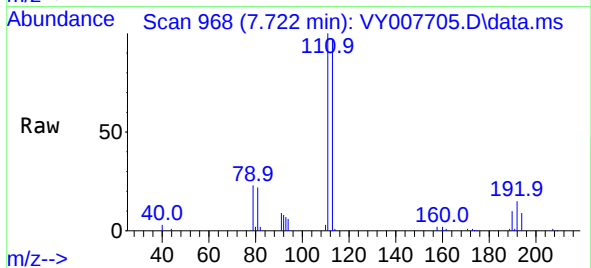
88 15.8 0.0 31.8



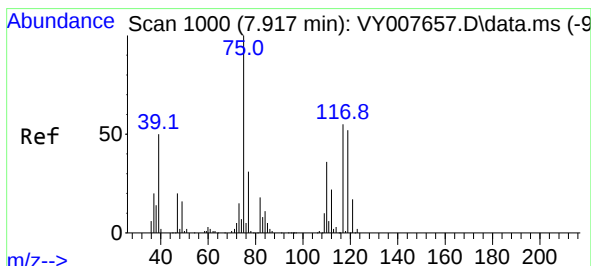
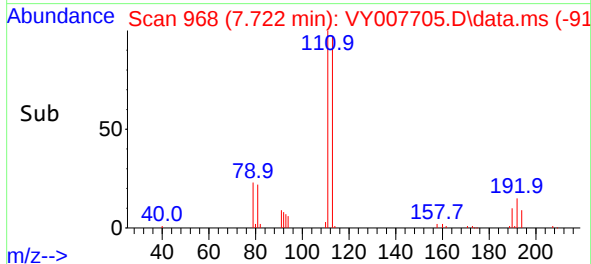
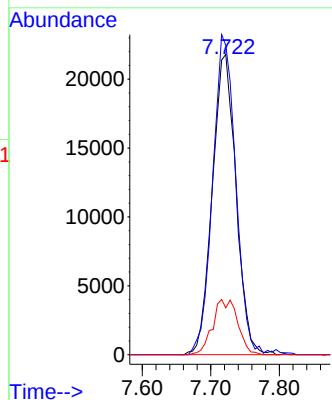


#35
Dibromofluoromethane
Concen: 55.156 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Instrument :
MSVOA_Y
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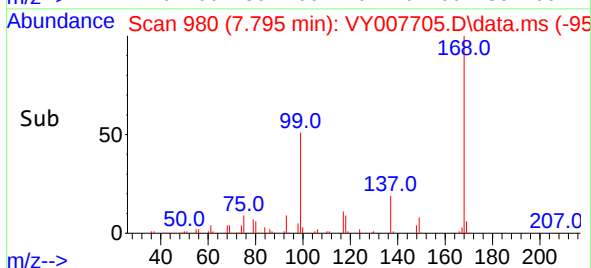
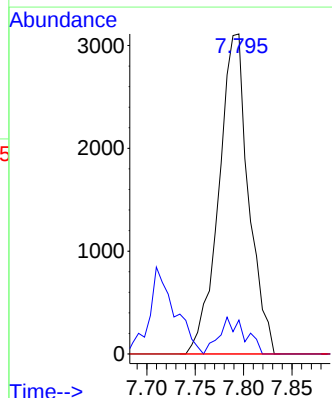
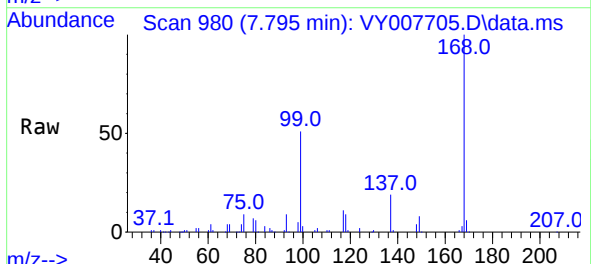


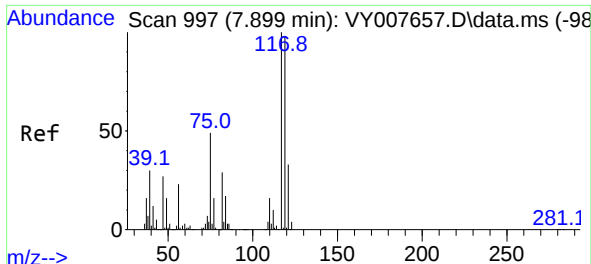
Tgt Ion:113 Resp: 52319
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

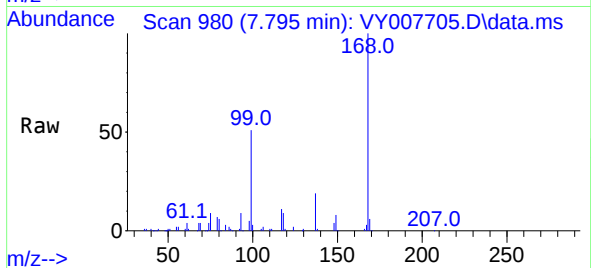
Tgt Ion: 75 Resp: 6674
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



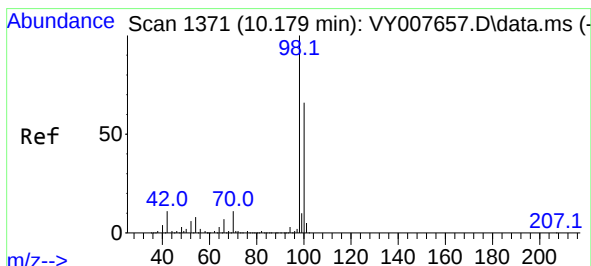
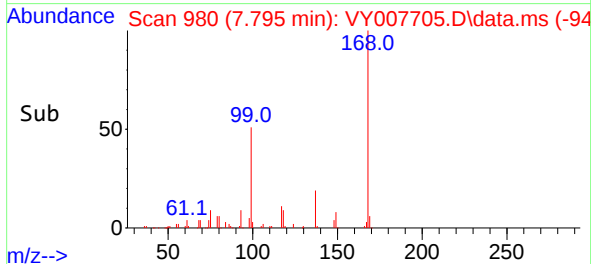
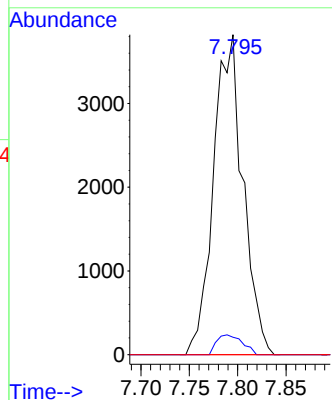


#38
Carbon Tetrachloride
Concen: 5.074 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

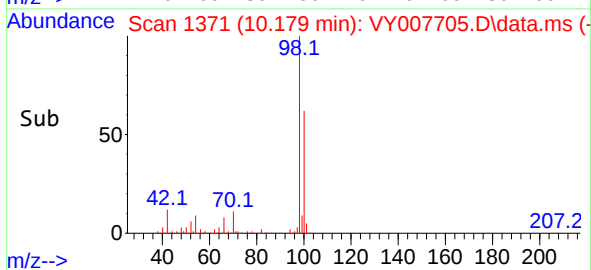
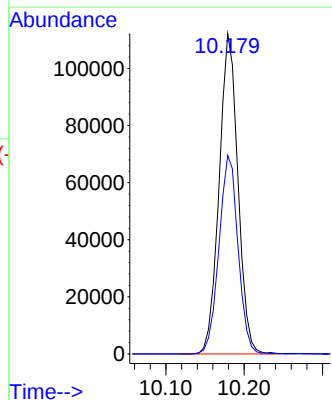
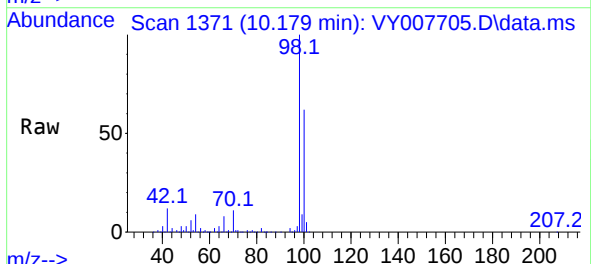


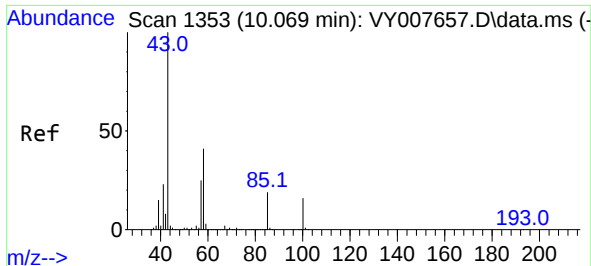
Tgt Ion:117 Resp: 8076
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.569 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 98 Resp: 187048
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

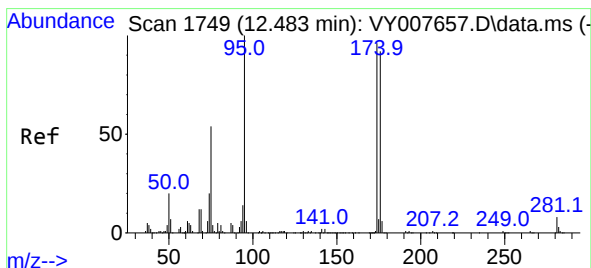
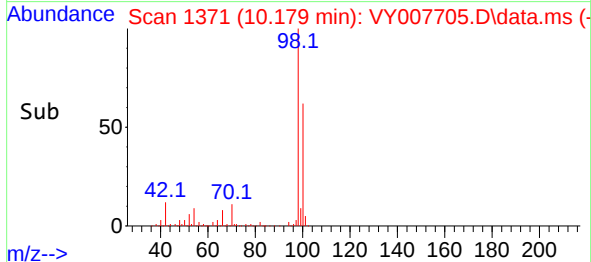
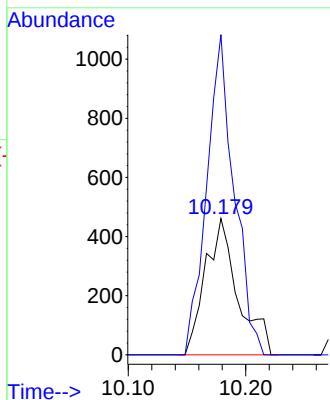
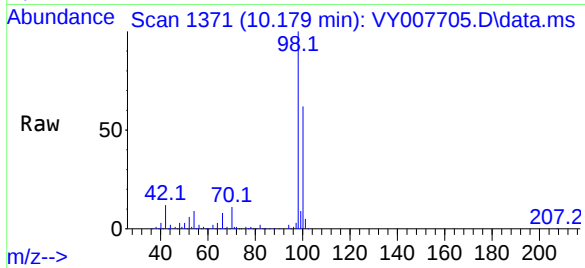




#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

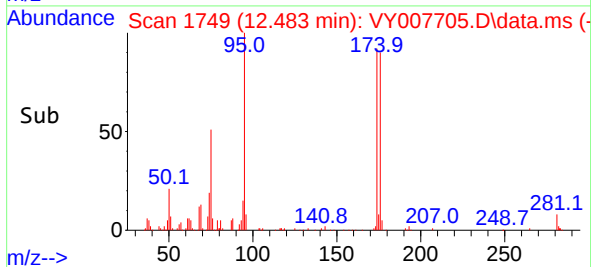
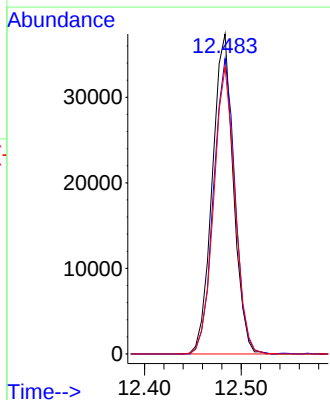
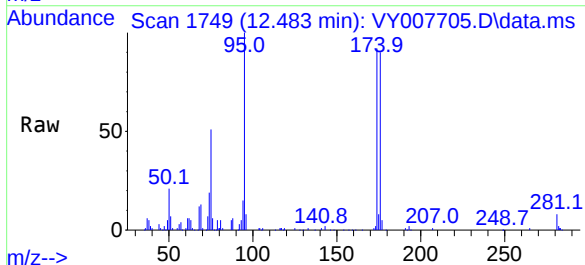
Instrument :
MSVOA_Y
ClientSampleId :

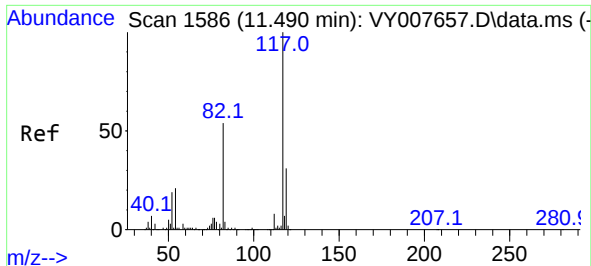
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 197.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 95 Resp: 56546
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 90.4 0.0 175.8

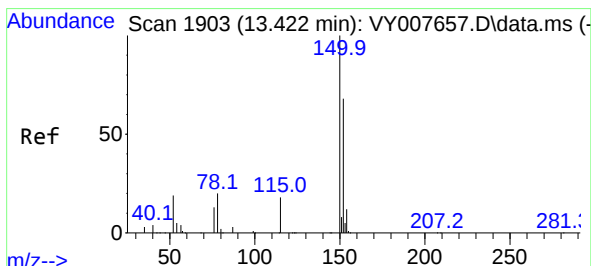
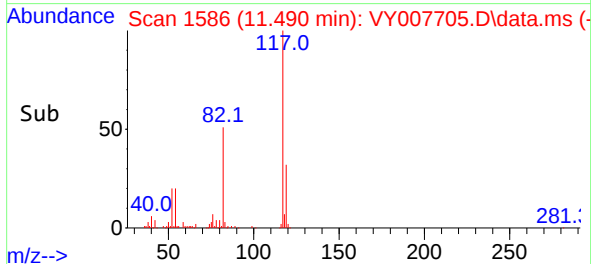
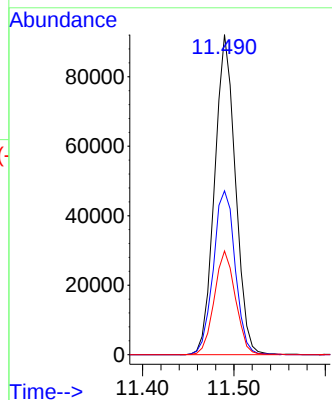
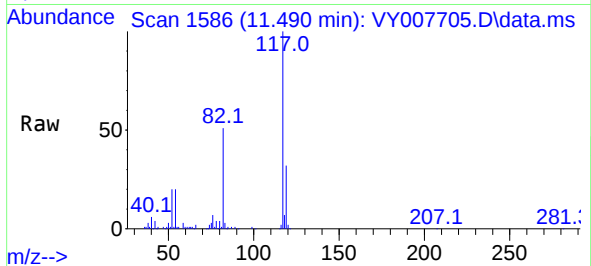




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

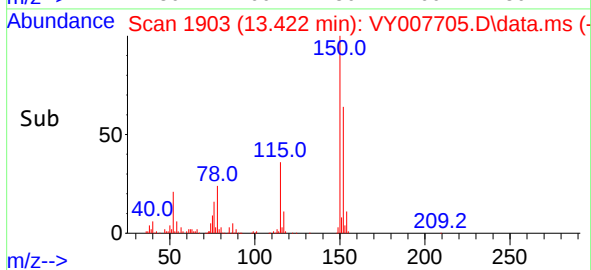
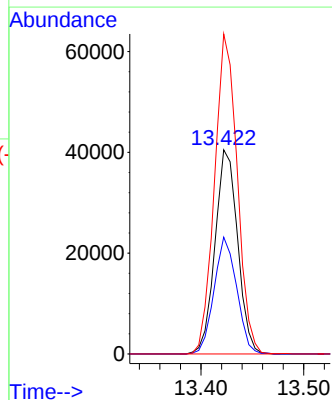
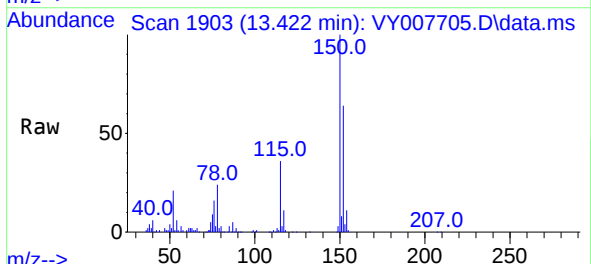
Instrument :
MSVOA_Y
ClientSampleId :

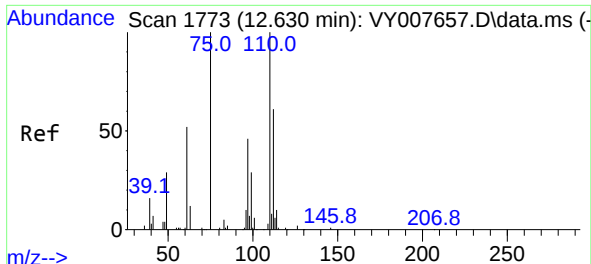
Tgt Ion:117 Resp: 145458
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion:152 Resp: 61852
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.6 0.0 347.6

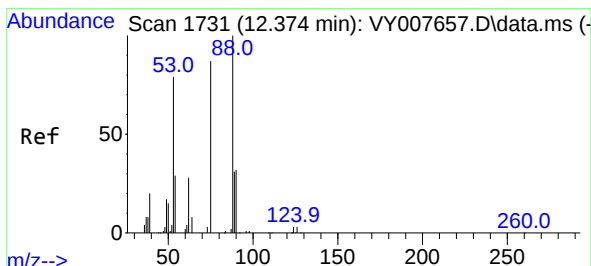
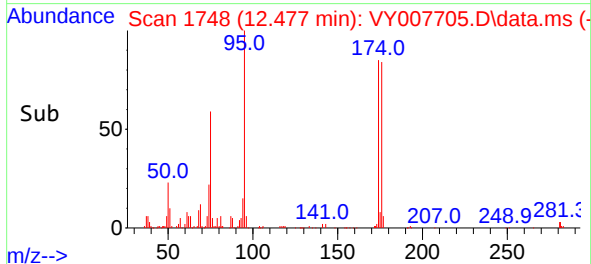
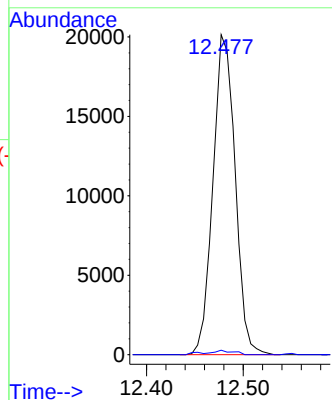
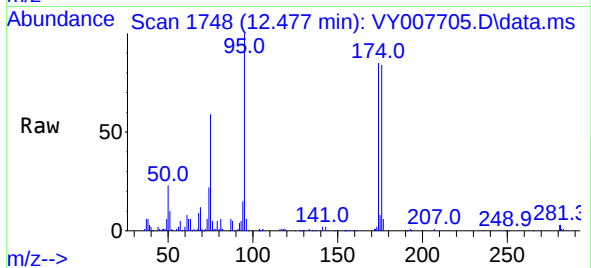




#76
1,2,3-Trichloropropane
Concen: 46.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32038
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.822 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007705.D
Acq: 03 Mar 2022 15:31

Tgt Ion: 75 Resp: 32038
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

