

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007747.D
 Acq On : 04 Mar 2022 17:17
 Operator : SY/MD
 Sample : N1730-16
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:25:30 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)

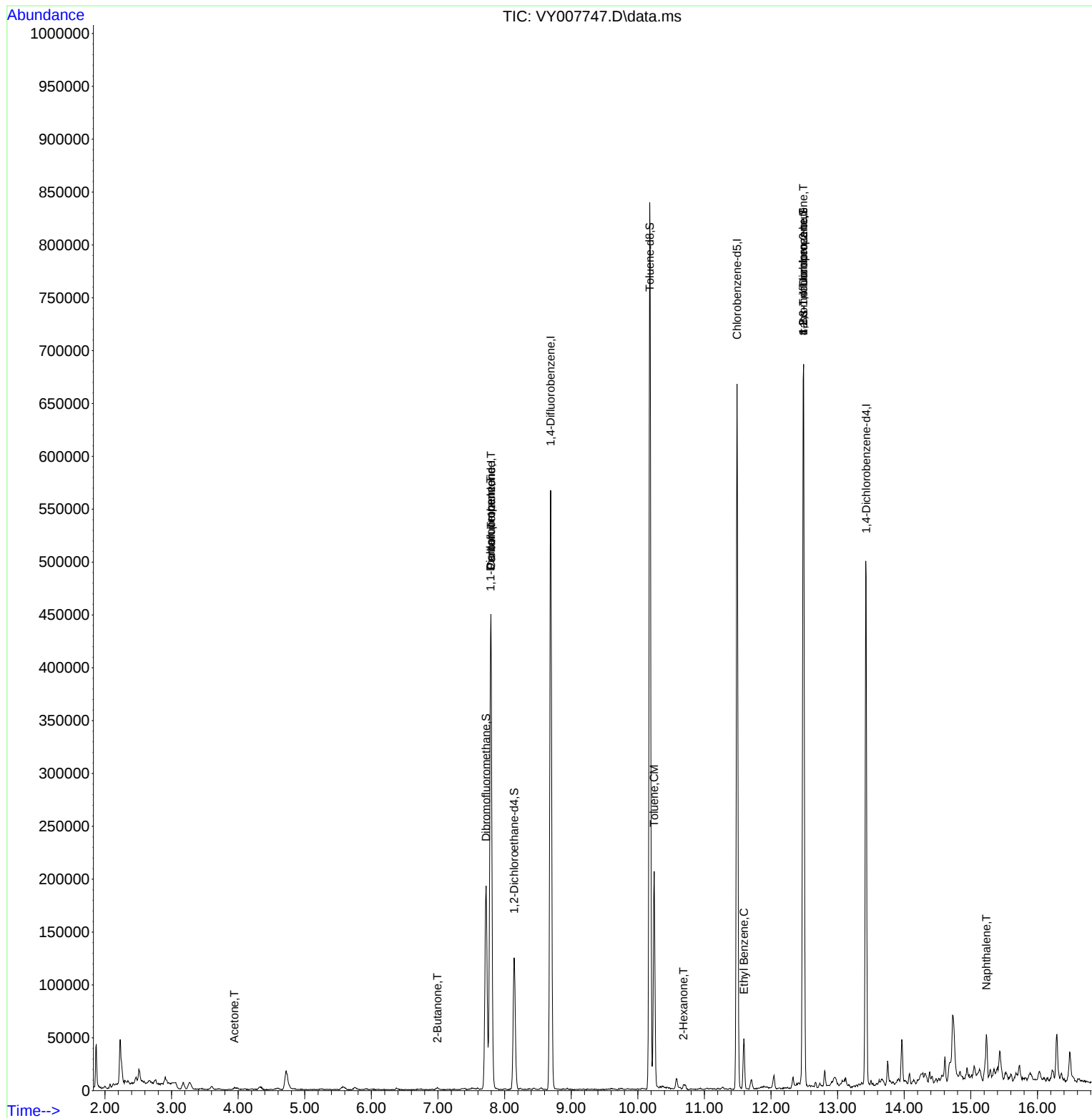
Internal Standards						
1) Pentafluorobenzene	7.795	168	359937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	490235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95219	25.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	50.540%		
35) Dibromofluoromethane	7.722	113	131704	42.021	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.040%		
50) Toluene-d8	10.179	98	561421	48.662	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.483	95	119432	32.114	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	64.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	91	Below Cal	#	43
3) Chloromethane	2.119	50	1602	Below Cal	#	85
13) Acrolein	3.753	56	30	Below Cal	#	1
16) Acetone	3.942	43	3323	4.335	ug/l	96
17) Carbon Disulfide	4.198	76	1017	Below Cal	#	75
18) Methyl Acetate	4.478	43	417	Below Cal	#	71
20) Methylene Chloride	4.716	84	13122	Below Cal	#	75
25) 2-Butanone	6.990	43	1731	1.346	ug/l	# 63
31) Cyclohexane	7.795	56	8183	Below Cal	#	8
36) 1,1-Dichloropropene	7.789	75	26306	5.335	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	34520	6.563	ug/l	# 14
52) Toluene	10.246	92	82459	9.294	ug/l	99
59) 2-Hexanone	10.685	43	3756	2.070	ug/l	69
67) Ethyl Benzene	11.593	91	31338	2.263	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	69183	49.632	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	69183	101.466	ug/l	# 8
95) Naphthalene	15.233	128	31379	6.156	ug/l	97

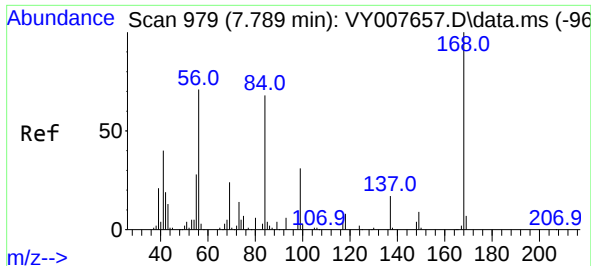
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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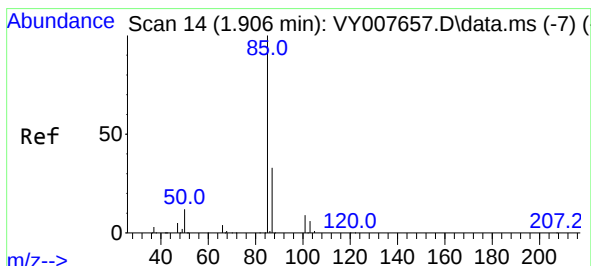
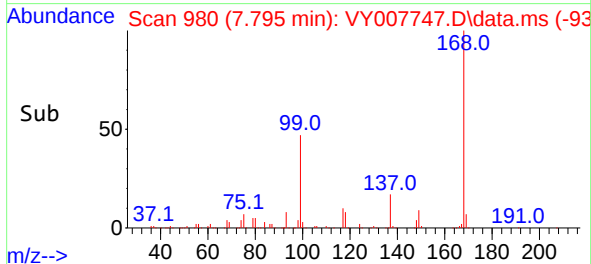
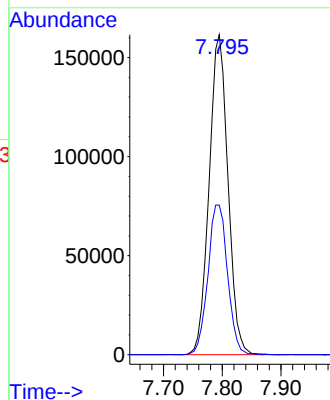
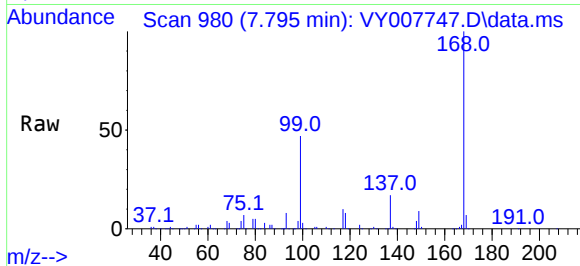




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

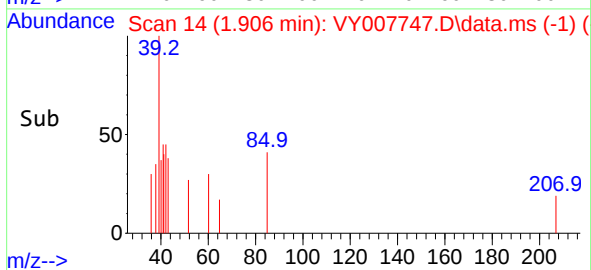
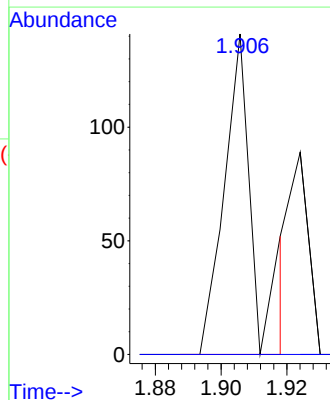
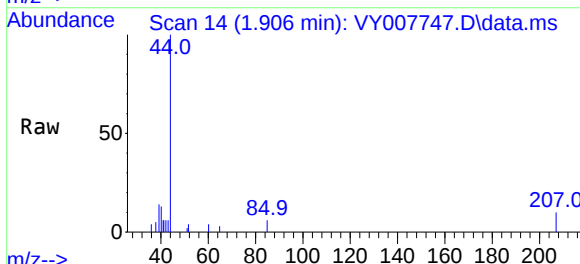
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 359937
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#

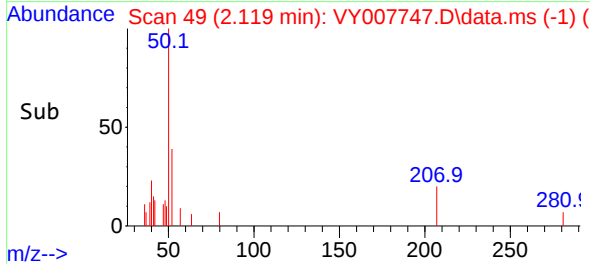
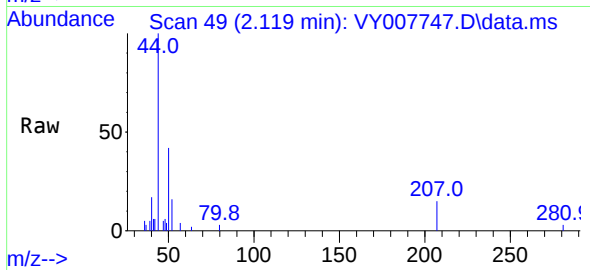
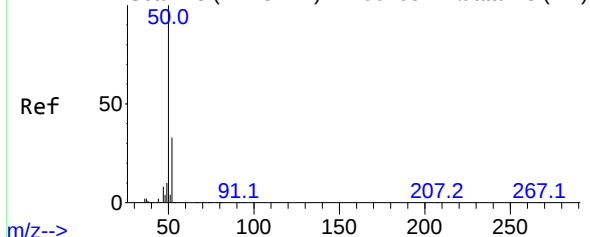


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 85 Resp: 91
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: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007747.D

Acq: 04 Mar 2022 17:17

Instrument :

MSVOA_Y

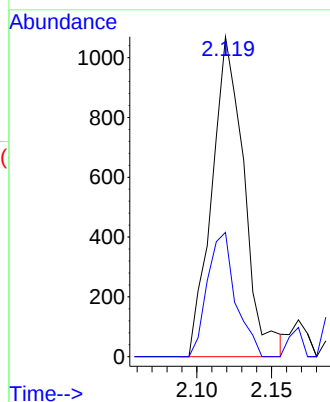
ClientSampleId :

Tgt Ion: 50 Resp: 1602

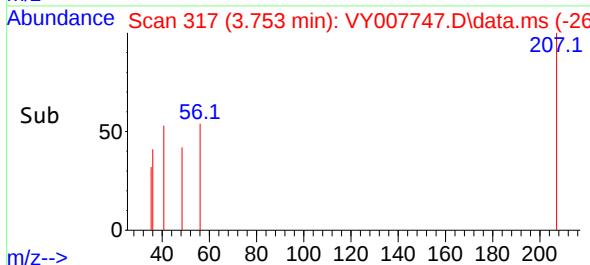
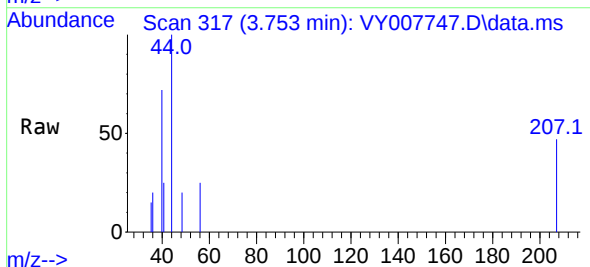
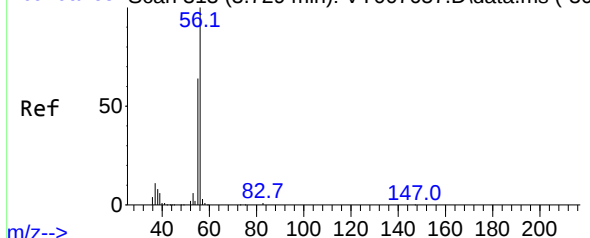
Ion Ratio Lower Upper

50 100

52 38.9 24.6 37.0#



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



#13

Acrolein

Concen: Below Cal

RT: 3.753 min Scan# 317

Delta R.T. 0.024 min

Lab File: VY007747.D

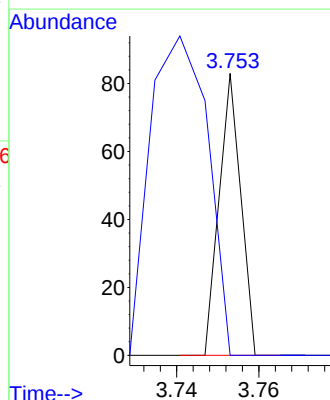
Acq: 04 Mar 2022 17:17

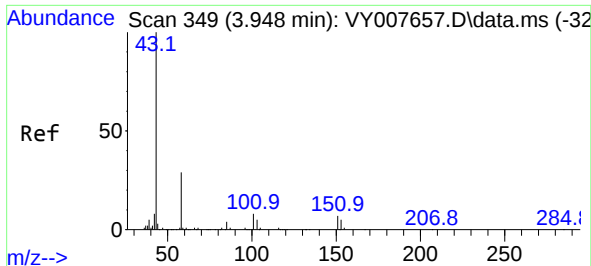
Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 206.7 57.6 86.4#

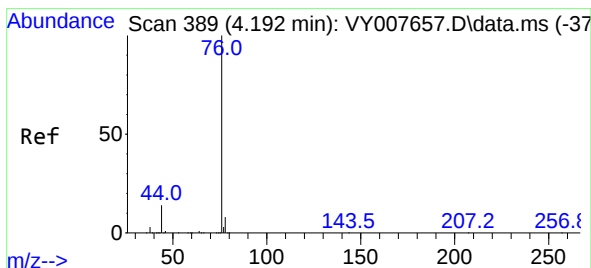
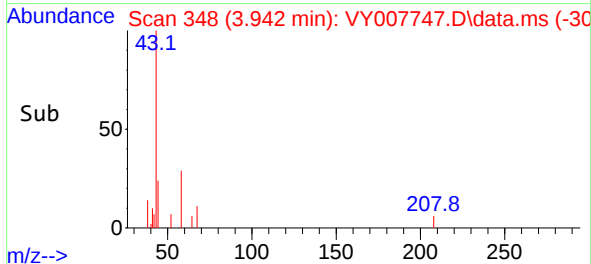
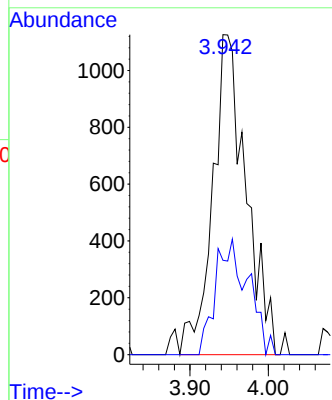
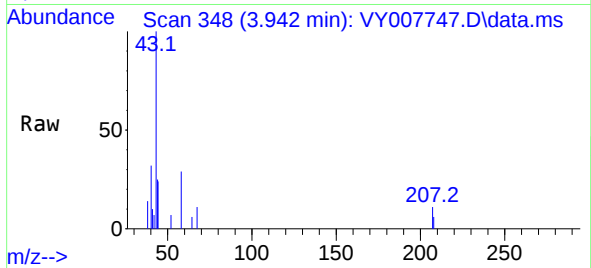




#16
Acetone
Concen: 4.335 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

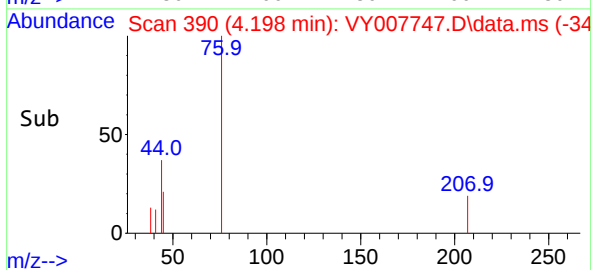
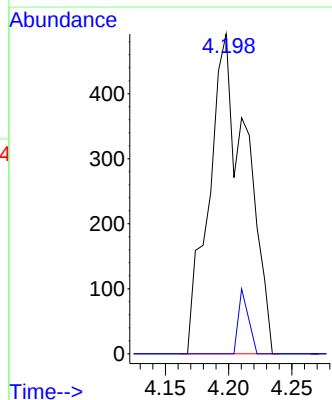
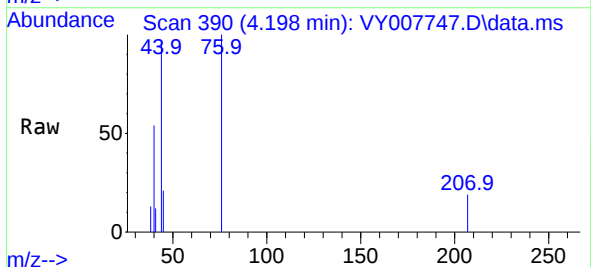
Instrument :
MSVOA_Y
ClientSampleId :

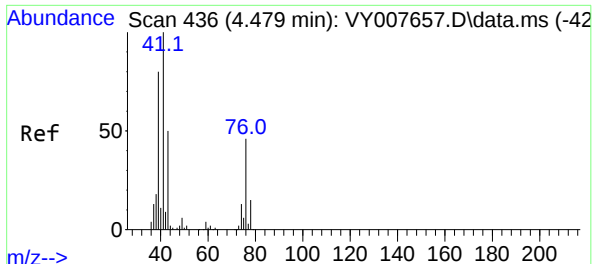
Tgt Ion: 43 Resp: 3323
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

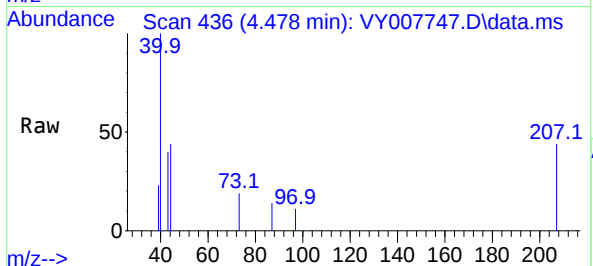
Tgt Ion: 76 Resp: 1017
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



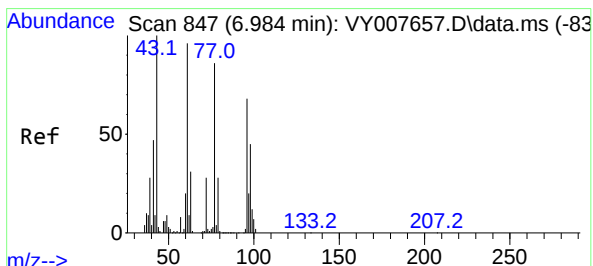
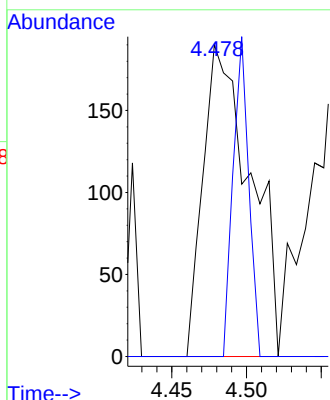
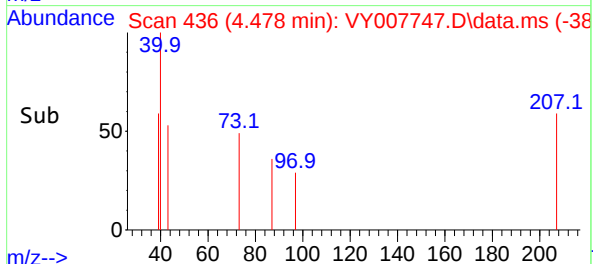


#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 417
Delta R.T. -0.001 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :

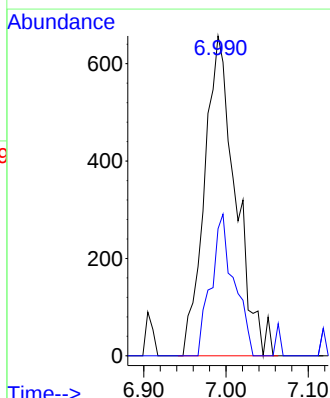
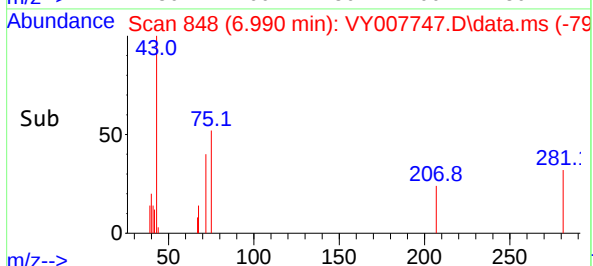
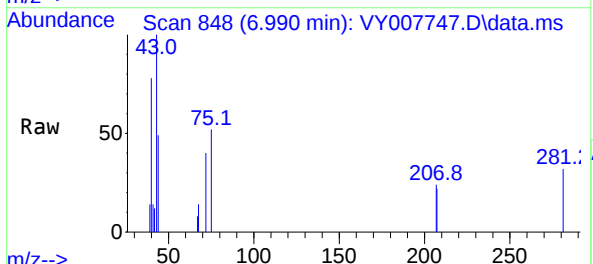


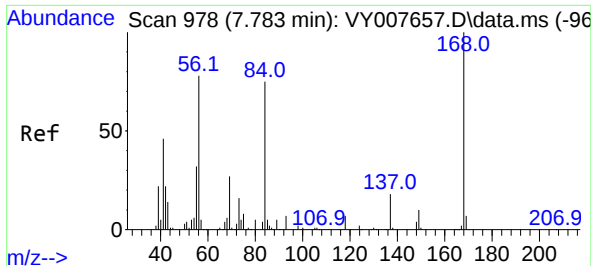
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 34.1 16.6 24.8#



#25
2-Butanone
Concen: 1.346 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

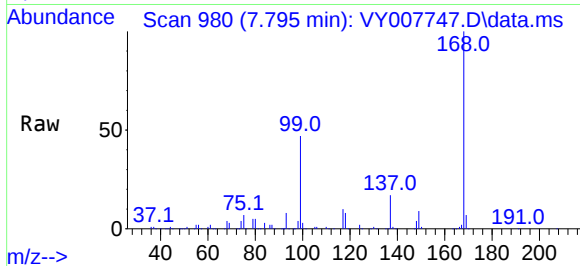
Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
72 39.7 17.7 26.5#



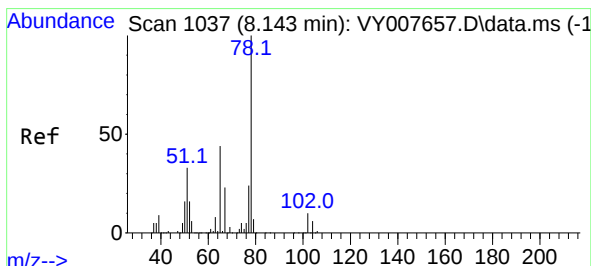
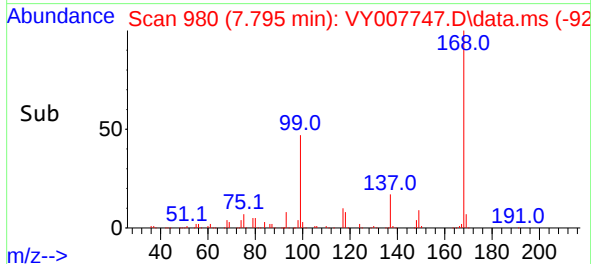
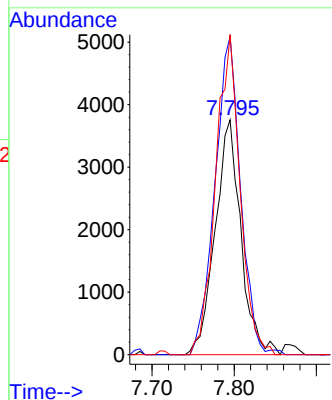


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :

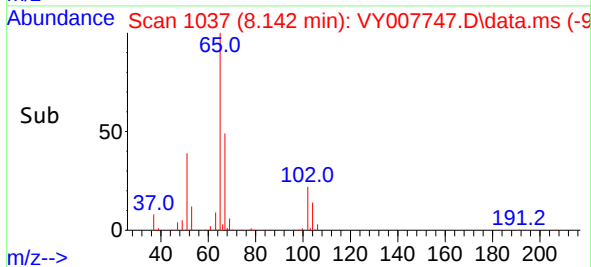
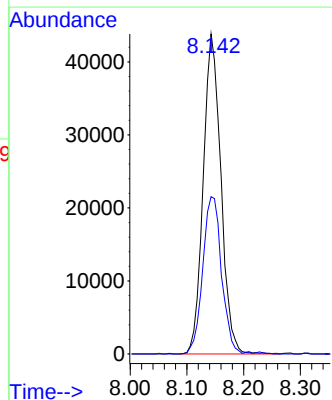
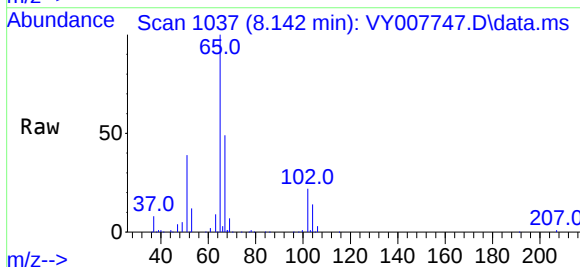


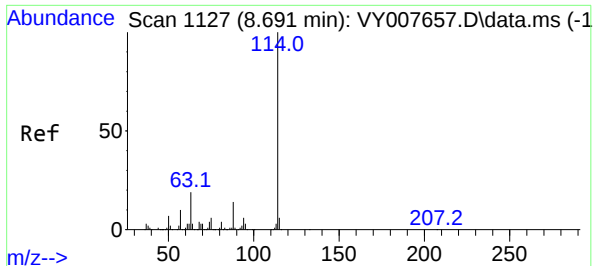
Tgt Ion: 56 Resp: 8183
Ion Ratio Lower Upper
56 100
69 135.5 26.7 40.1#
84 136.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 25.269 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 65 Resp: 95219
Ion Ratio Lower Upper
65 100
67 52.2 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: VY007747.D

Acq: 04 Mar 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

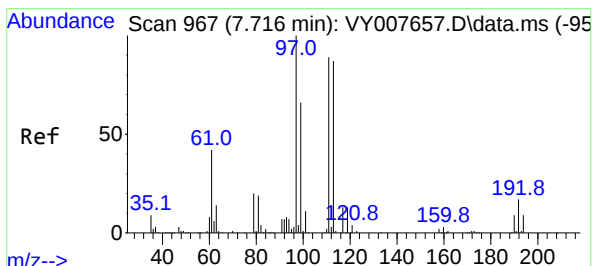
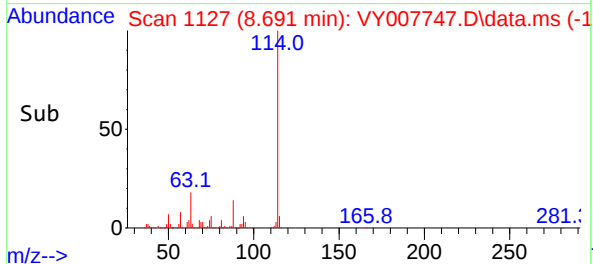
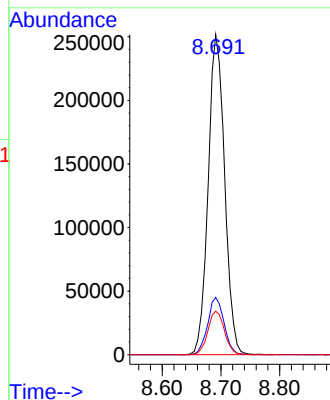
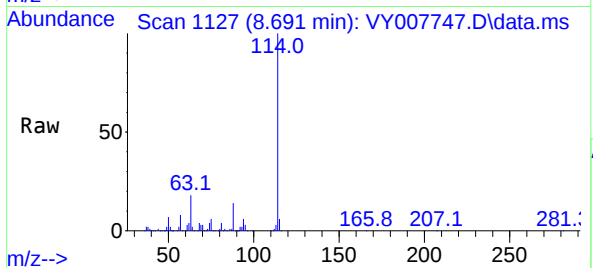
Tgt Ion:114 Resp: 490235

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.021 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007747.D

Acq: 04 Mar 2022 17:17

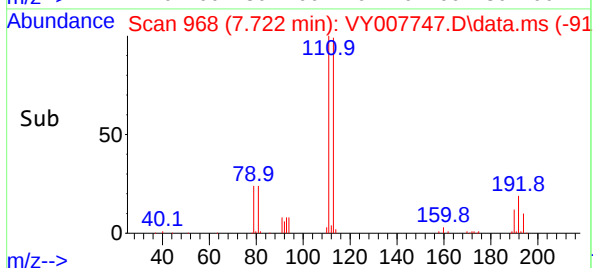
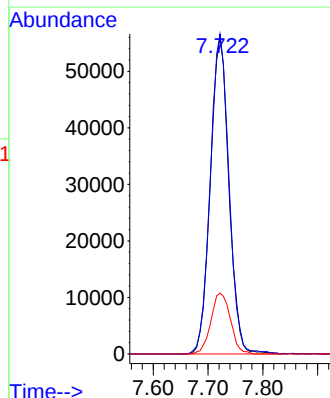
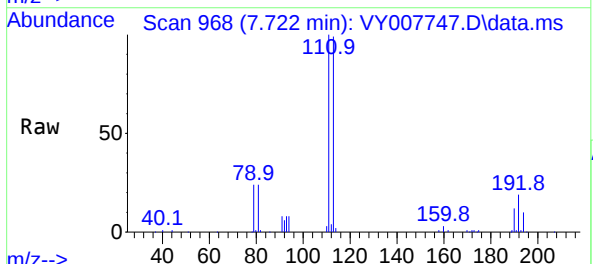
Tgt Ion:113 Resp: 131704

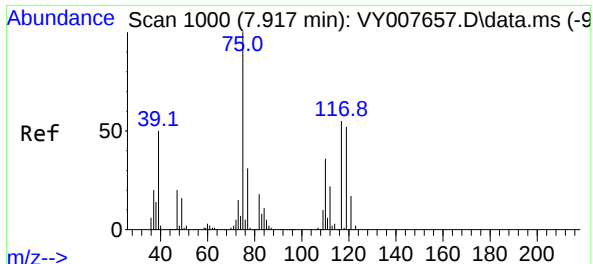
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.335 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007747.D

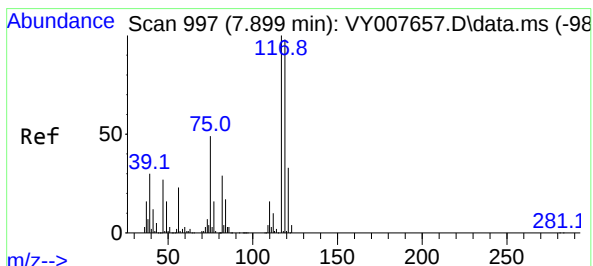
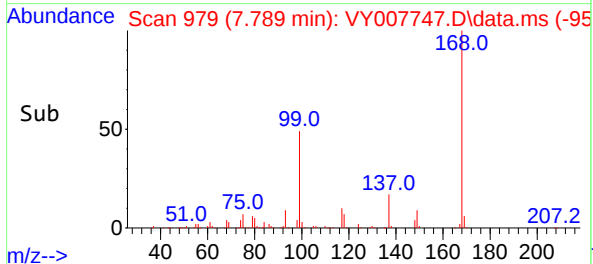
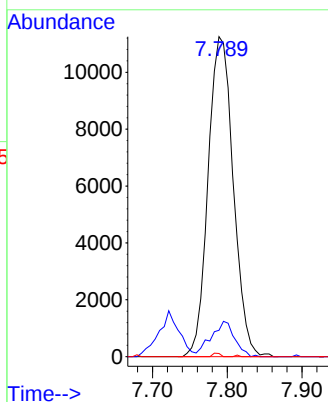
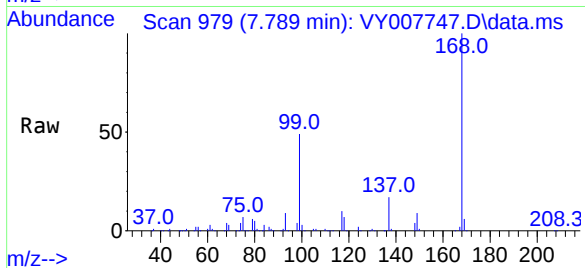
Acq: 04 Mar 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	26306
Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.1	51.2#
77	0.3	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 6.563 ug/l

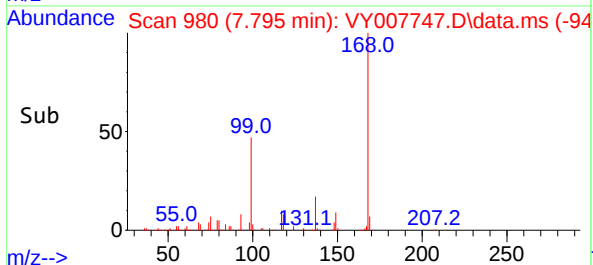
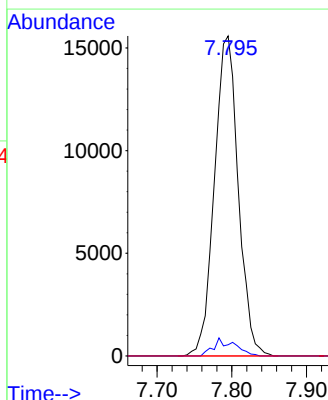
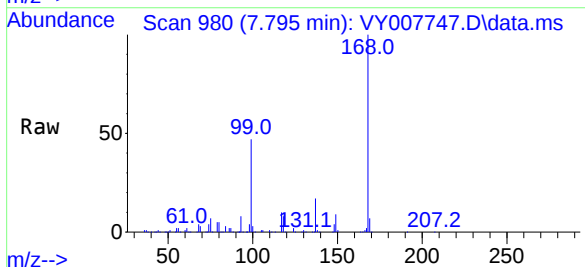
RT: 7.795 min Scan# 980

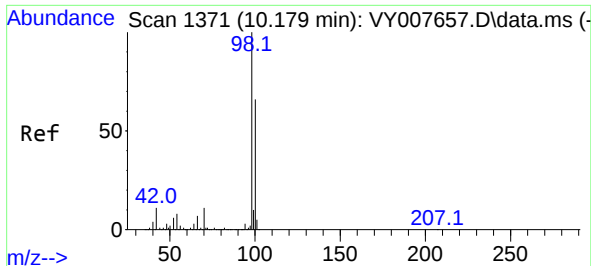
Delta R.T. -0.104 min

Lab File: VY007747.D

Acq: 04 Mar 2022 17:17

Tgt Ion:	117	Resp:	34520
Ion	Ratio	Lower	Upper
117	100		
119	3.5	77.9	116.9#
121	0.0	24.8	37.2#

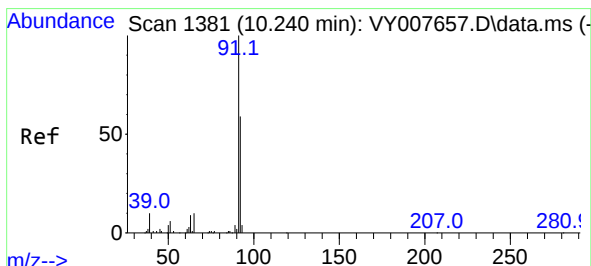
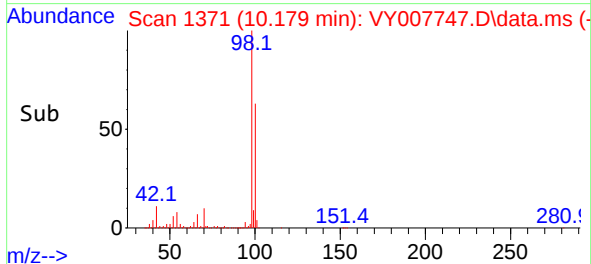
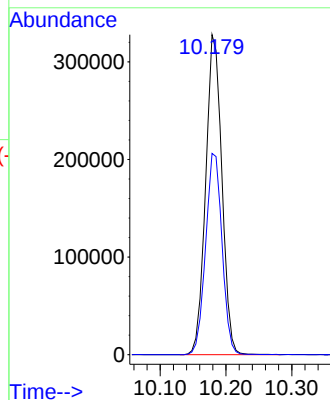
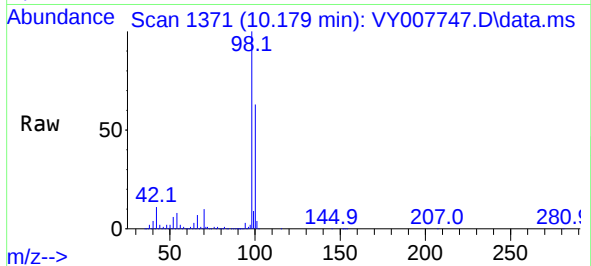




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

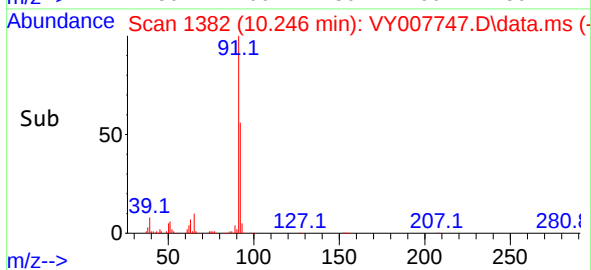
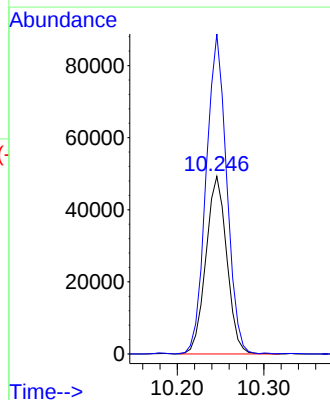
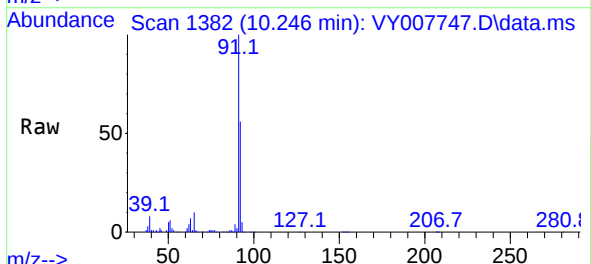
Instrument :
MSVOA_Y
ClientSampleId :

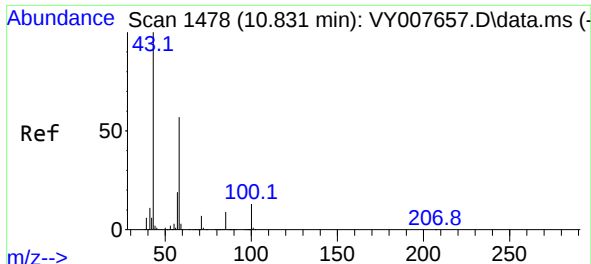
Tgt Ion: 98 Resp: 561421
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#52
Toluene
Concen: 9.294 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 92 Resp: 82459
Ion Ratio Lower Upper
92 100
91 177.1 142.6 213.8

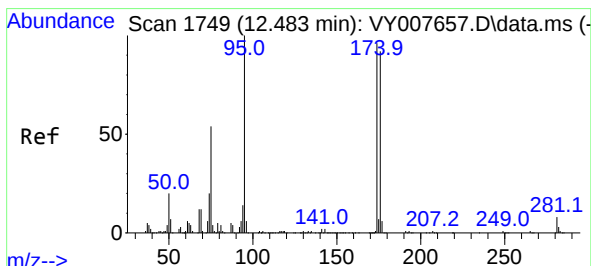
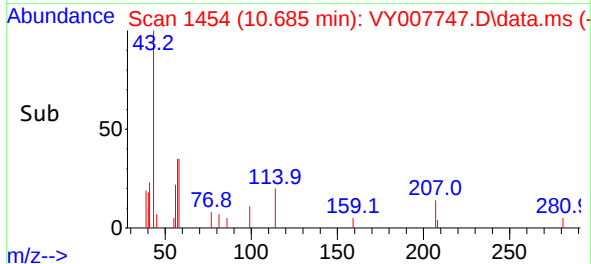
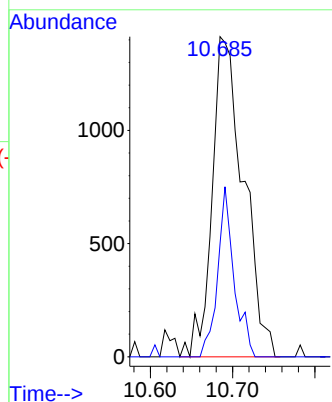
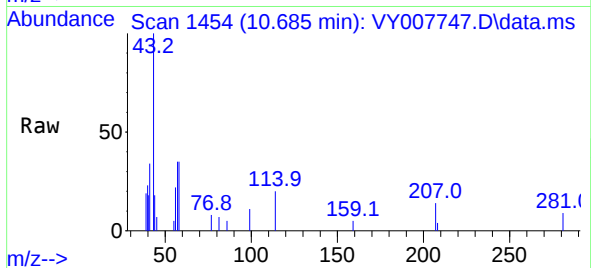




#59
2-Hexanone
Concen: 2.070 ug/l
RT: 10.685 min Scan# 1454
Delta R.T. -0.146 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

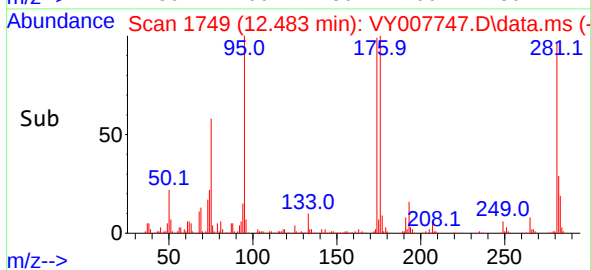
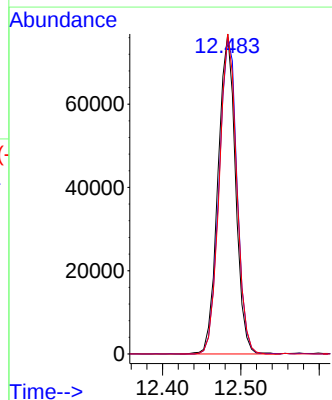
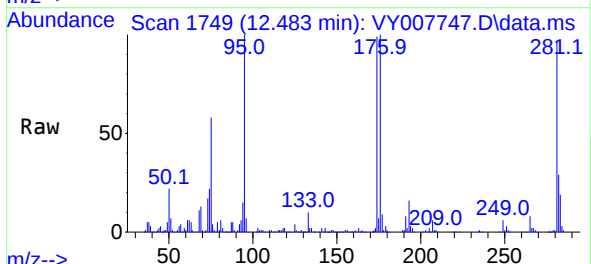
Instrument :
MSVOA_Y
ClientSampleId :

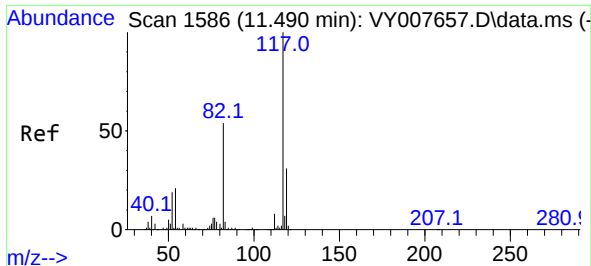
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
58 27.8 24.4 73.4



#62
4-Bromofluorobenzene
Concen: 32.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 95 Resp: 119432
Ion Ratio Lower Upper
95 100
174 100.7 0.0 177.0
176 99.0 0.0 175.8

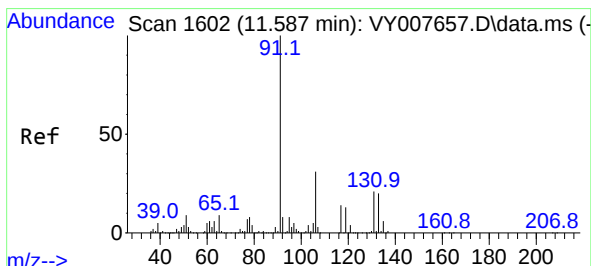
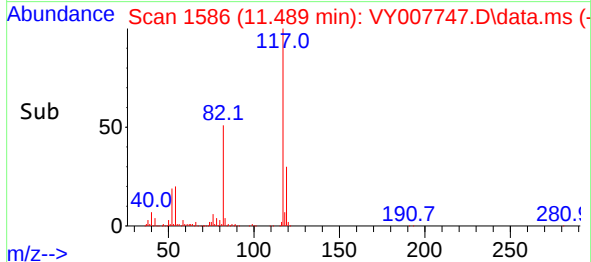
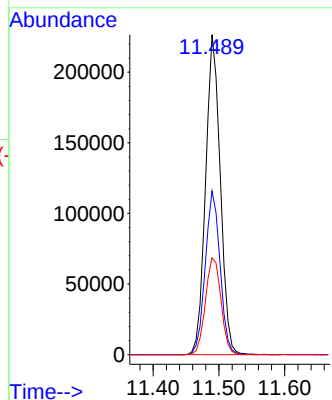
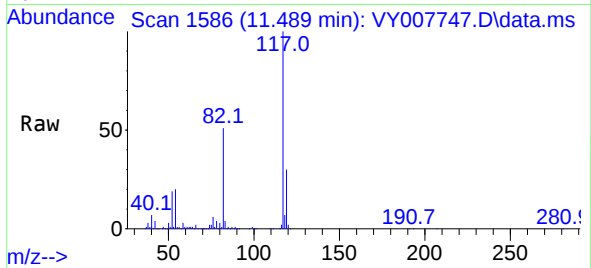




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

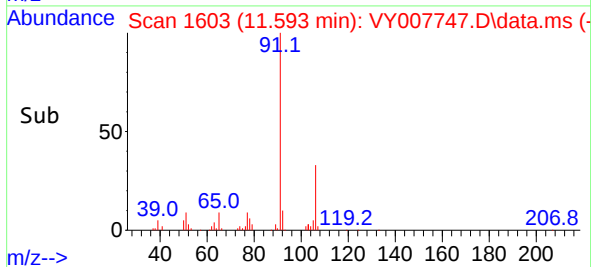
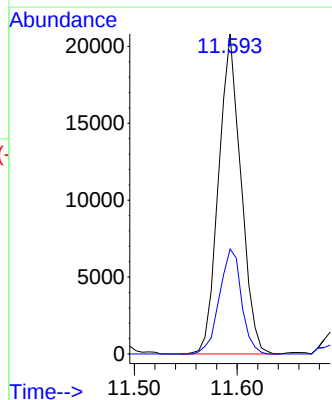
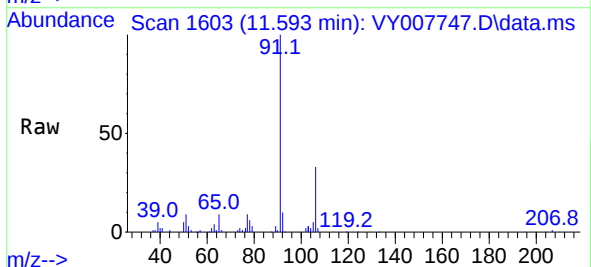
Instrument :
MSVOA_Y
ClientSampleId :

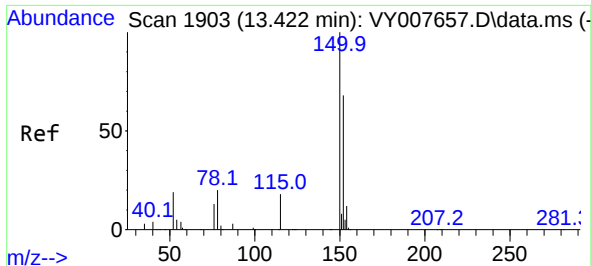
Tgt Ion:117 Resp: 352444
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 30.3 25.4 38.0



#67
Ethyl Benzene
Concen: 2.263 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

Tgt Ion: 91 Resp: 31338
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



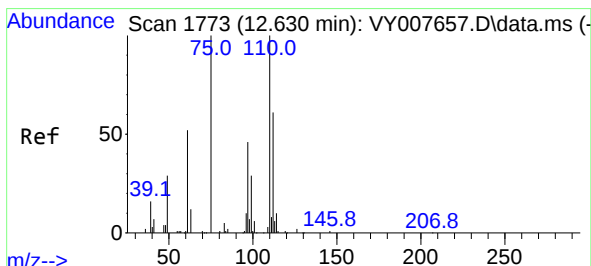
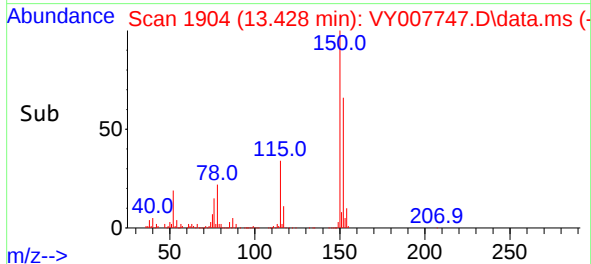
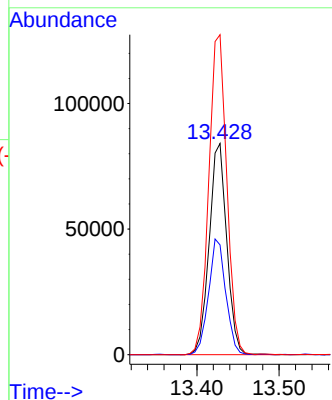
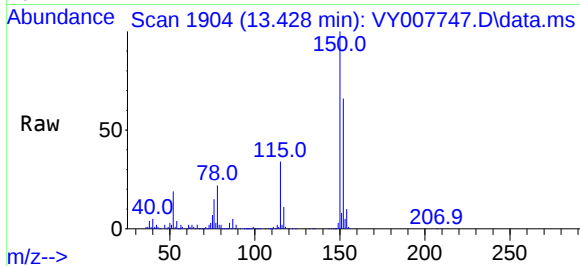


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007747.D
 Acq: 04 Mar 2022 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 124818

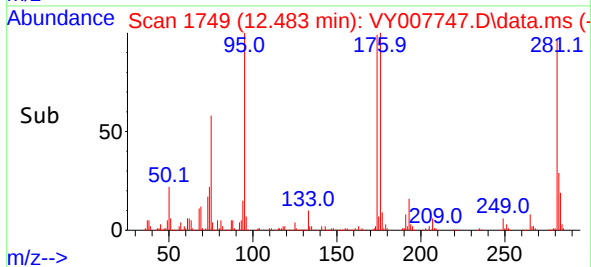
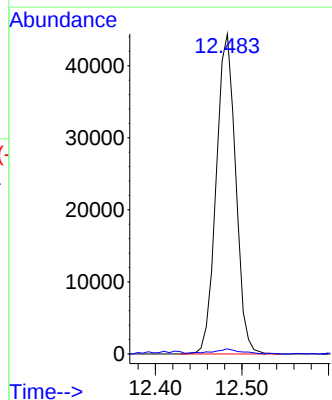
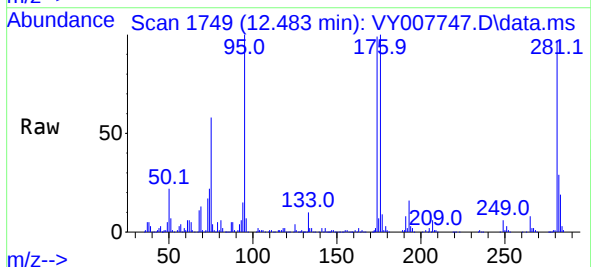
Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.2	84.7
150	154.9	0.0	347.6

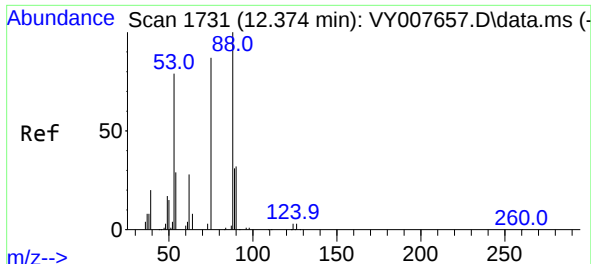


#76
 1,2,3-Trichloropropane
 Concen: 49.632 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007747.D
 Acq: 04 Mar 2022 17:17

Tgt Ion: 75 Resp: 69183

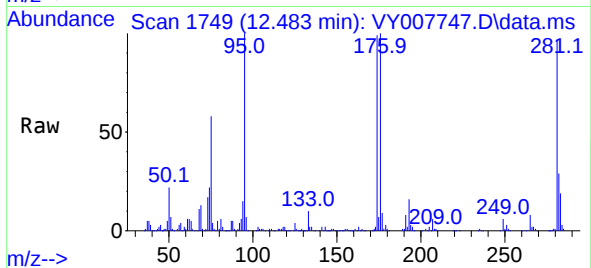
Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#



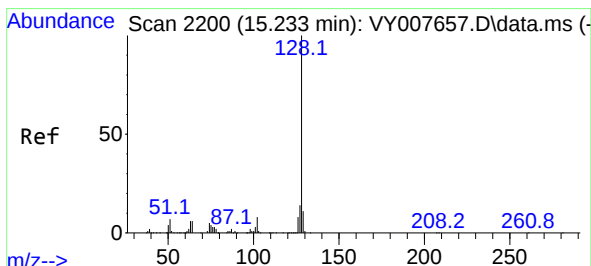
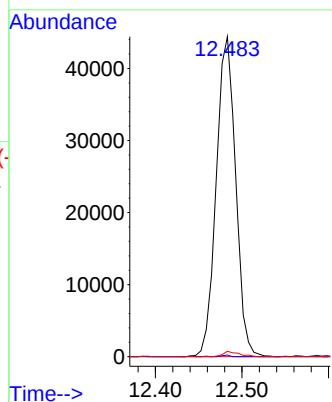
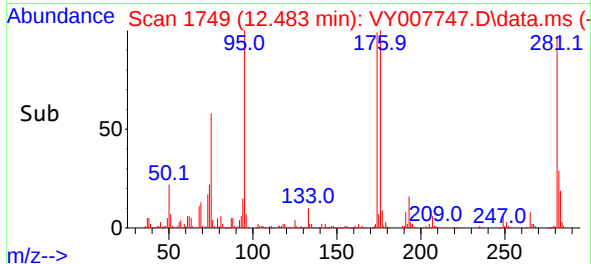


#81
trans-1,4-Dichloro-2-butene
Concen: 101.466 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17

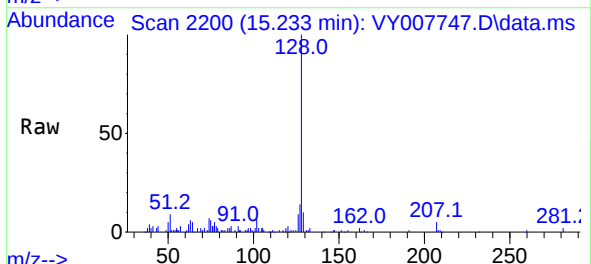
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 69183
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.4 37.0 55.4#



#95
Naphthalene
Concen: 6.156 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007747.D
Acq: 04 Mar 2022 17:17



Tgt Ion: 128 Resp: 31379
Ion Ratio Lower Upper
128 100
127 15.0 11.0 16.4
129 11.4 8.4 12.6

