

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009506.D
 Acq On : 11 Jul 2022 13:40
 Operator : KP/MD
 Sample : N3593-13
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

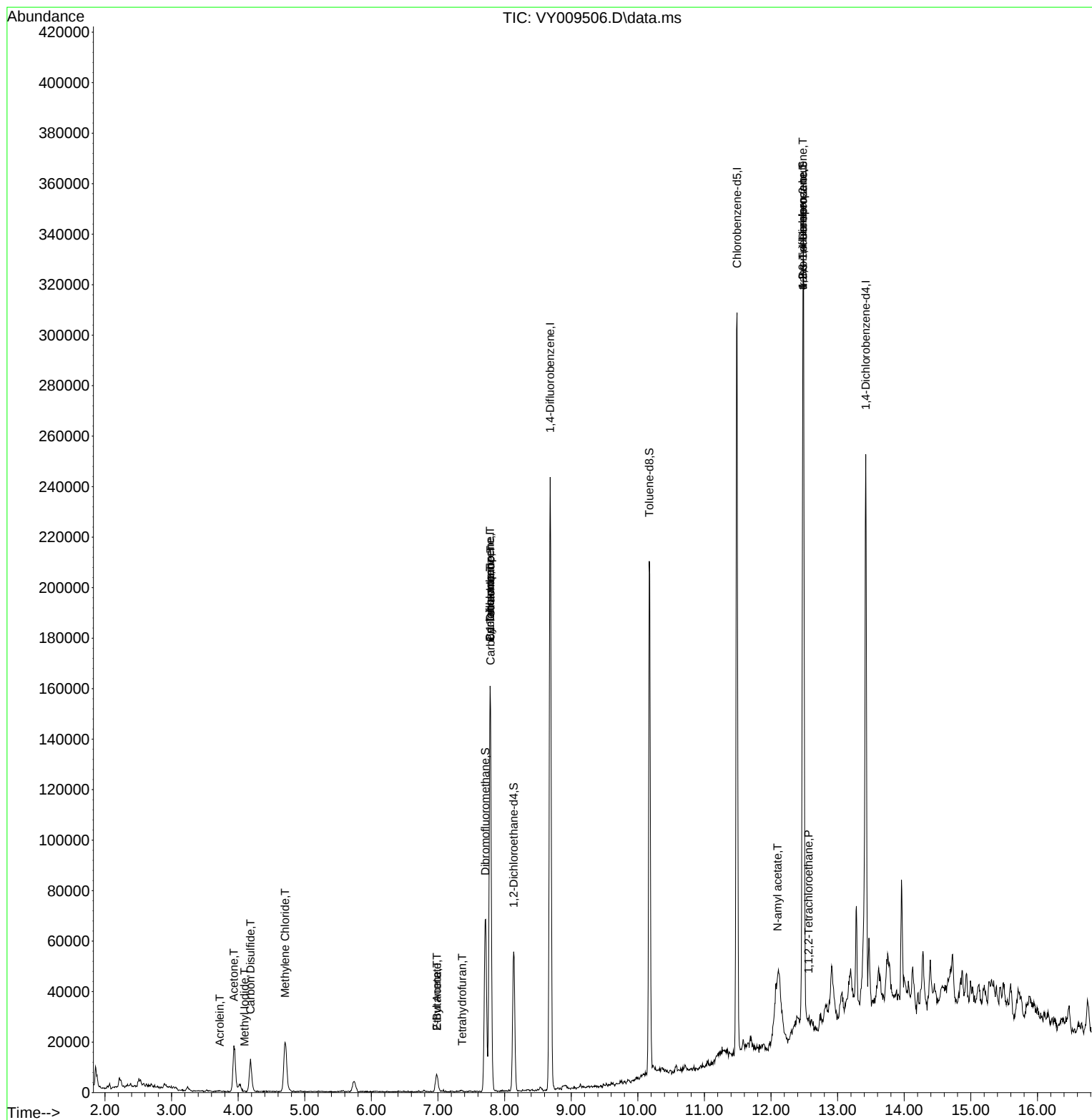
Internal Standards						
1) Pentafluorobenzene	7.783	168	127898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44094	48.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.560%
35) Dibromofluoromethane	7.710	113	49130	44.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.173	98	132573	43.018	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.040%
62) 4-Bromofluorobenzene	12.477	95	52889	34.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.420%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	165	4.262	ug/l #	75
11) Tert butyl alcohol	4.936	59	126	Below Cal	#	77
13) Acrolein	3.723	56	248	32.392	ug/l #	69
16) Acetone	3.936	43	31617	101.620	ug/l	100
17) Carbon Disulfide	4.186	76	23339	10.540	ug/l	99
20) Methylene Chloride	4.704	84	14313	5.511	ug/l #	82
23) Vinyl Acetate	6.064	43	66	Below Cal	#	75
25) 2-Butanone	6.984	43	10727	21.313	ug/l	94
29) Tetrahydrofuran	7.362	42	423	1.299	ug/l #	60
31) Cyclohexane	7.783	56	2789	1.329	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	9253	5.190	ug/l #	46
37) Ethyl Acetate	6.984	43	10727	9.598	ug/l #	72
38) Carbon Tetrachloride	7.789	117	11734	6.154	ug/l #	15
74) N-amyl acetate	12.099	43	2162	2.185	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.562	83	731	1.050	ug/l #	29
76) 1,2,3-Trichloropropane	12.477	75	28837	53.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28837	109.636	ug/l #	9

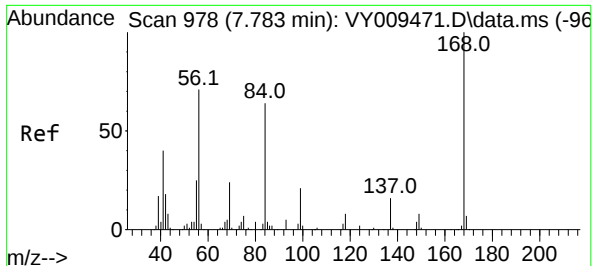
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
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Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

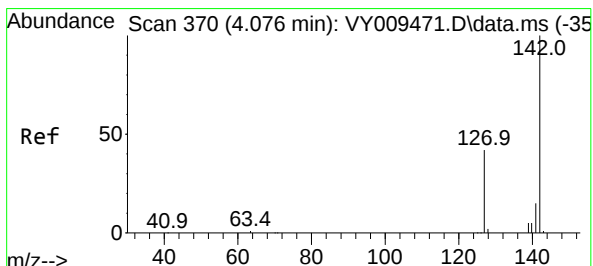
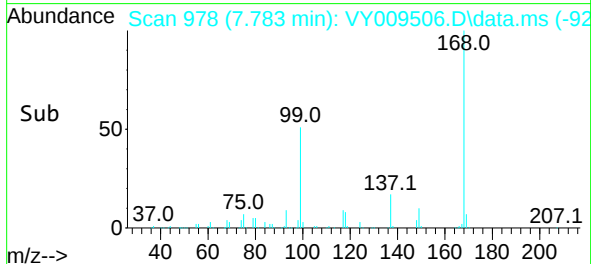
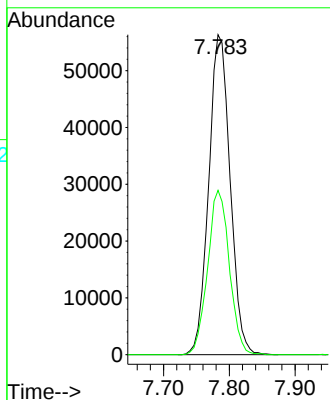
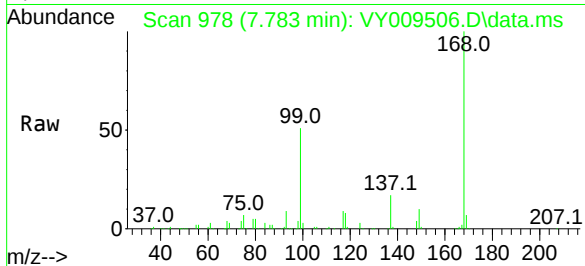




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

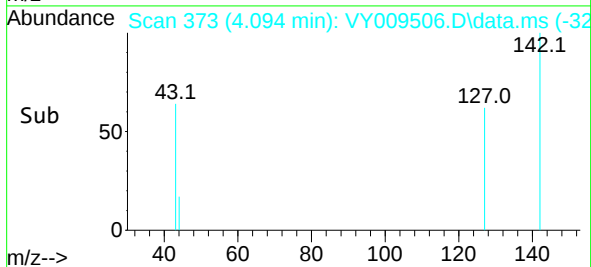
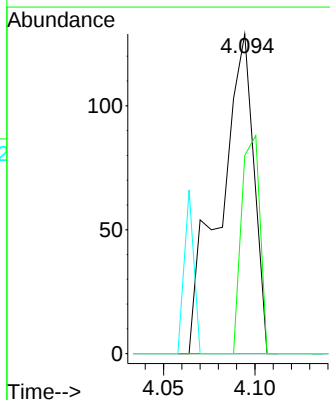
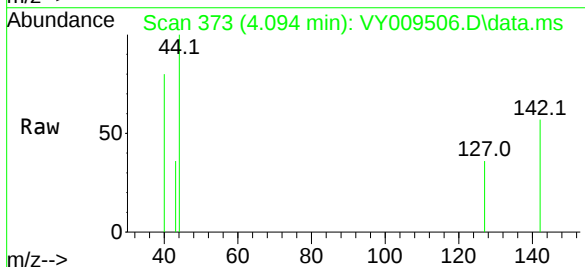
Instrument :
MSVOA_Y
ClientSampleId :

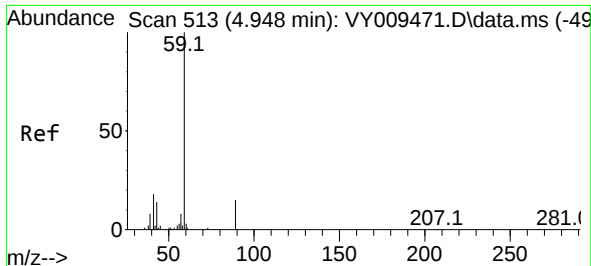
Tgt Ion:168 Resp: 127898
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#10
Methyl Iodide
Concen: 4.262 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

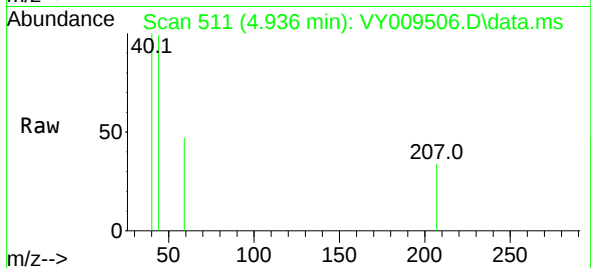
Tgt Ion:142 Resp: 165
Ion Ratio Lower Upper
142 100
127 37.0 41.5 62.3#
141 0.0 11.9 17.9#



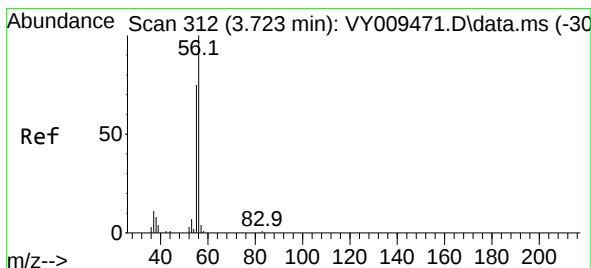
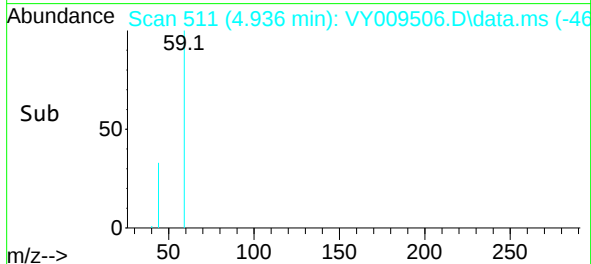
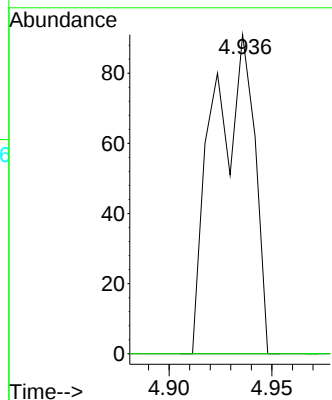


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :

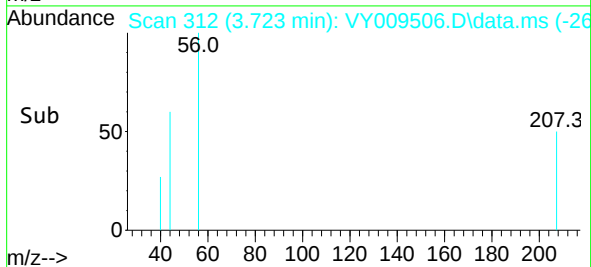
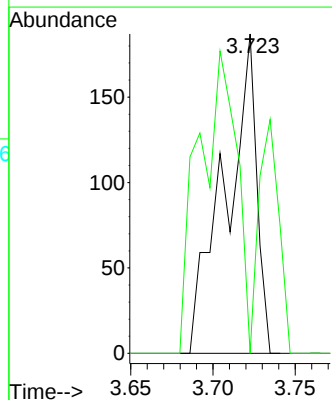
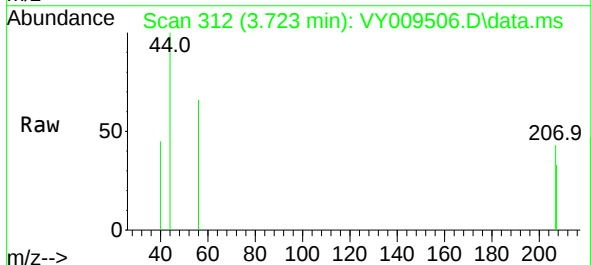


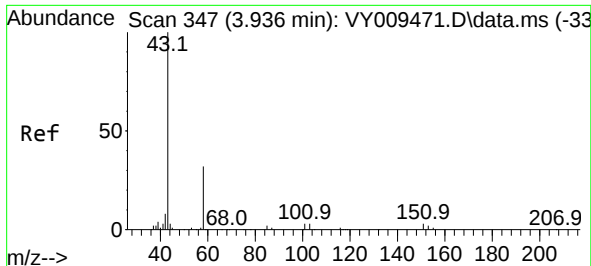
Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: 32.392 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

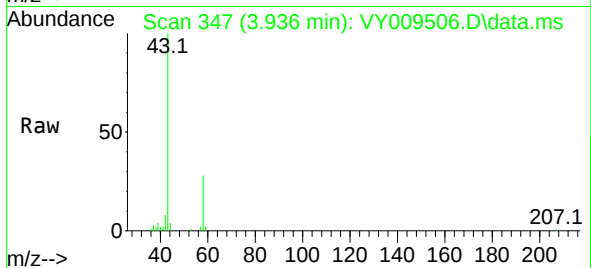
Tgt Ion: 56 Resp: 248
Ion Ratio Lower Upper
56 100
55 46.4 57.6 86.4#



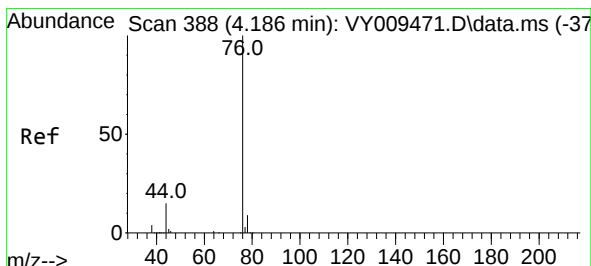
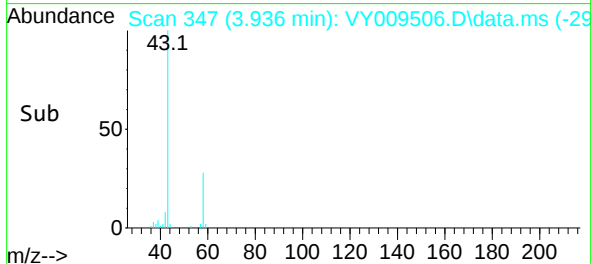
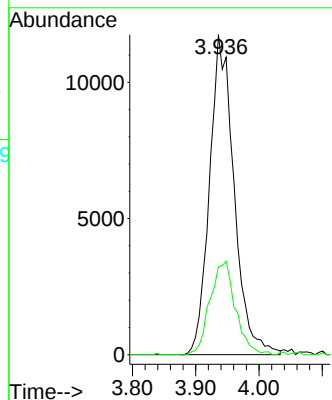


#16
Acetone
Concen: 101.620 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :

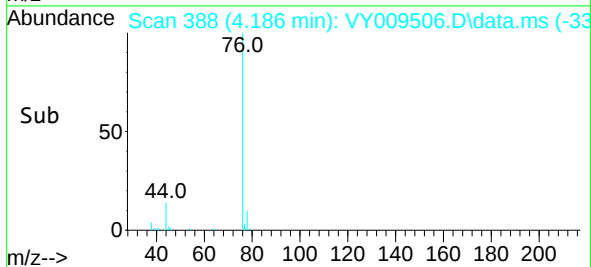
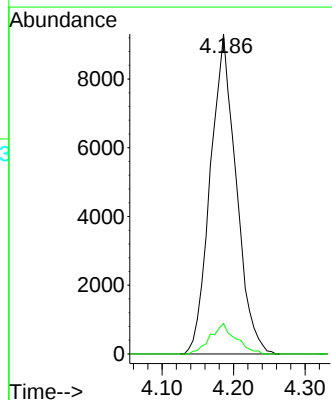
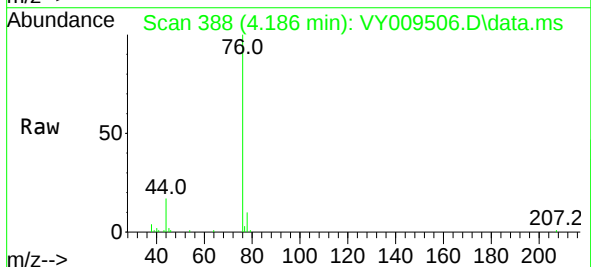


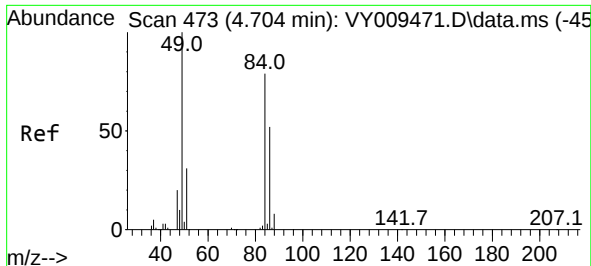
Tgt Ion: 43 Resp: 31617
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



#17
Carbon Disulfide
Concen: 10.540 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

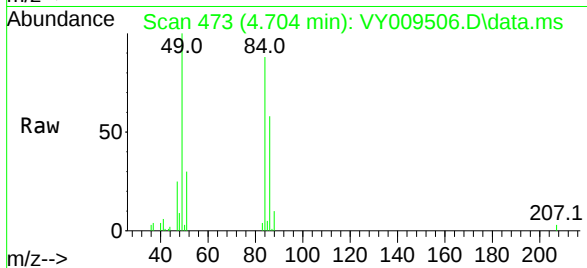
Tgt Ion: 76 Resp: 23339
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



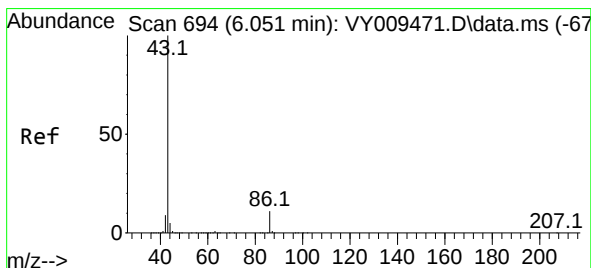
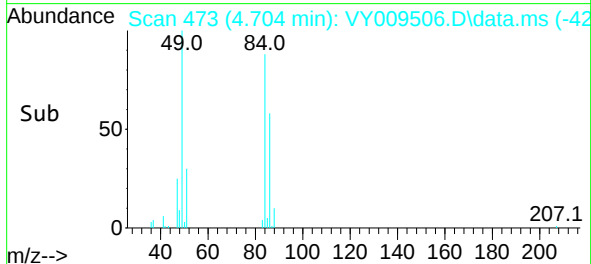
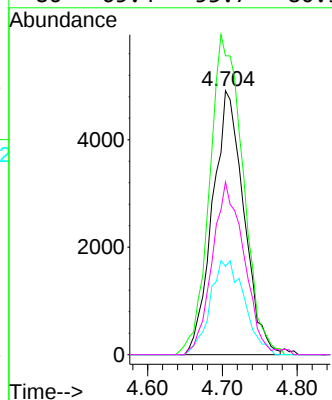


#20
Methylene Chloride
Concen: 5.511 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :

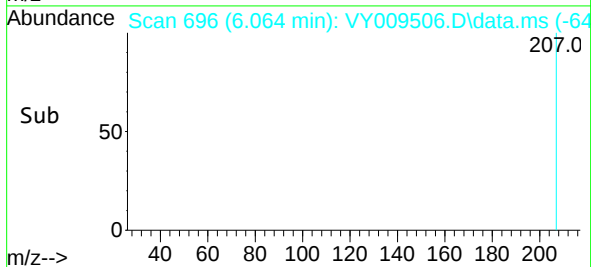
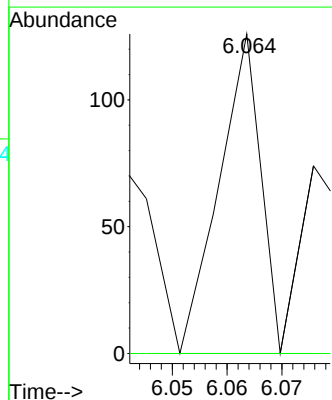
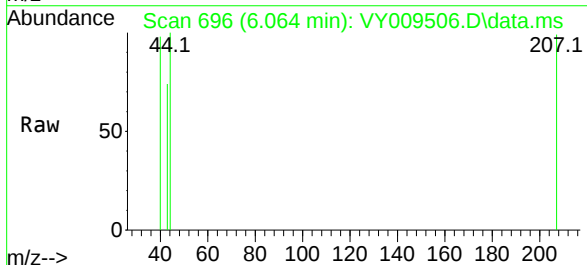


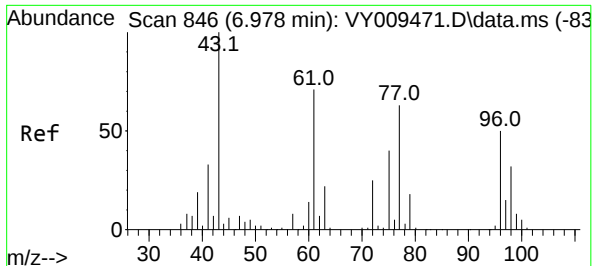
Tgt Ion: 84 Resp: 14313
Ion Ratio Lower Upper
84 100
49 111.8 114.4 171.6#
51 33.4 35.3 52.9#
86 65.4 53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.064 min Scan# 696
Delta R.T. 0.013 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 21.313 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

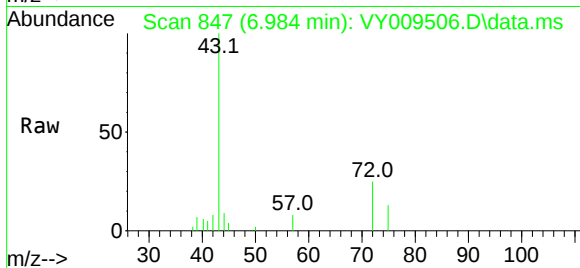
Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

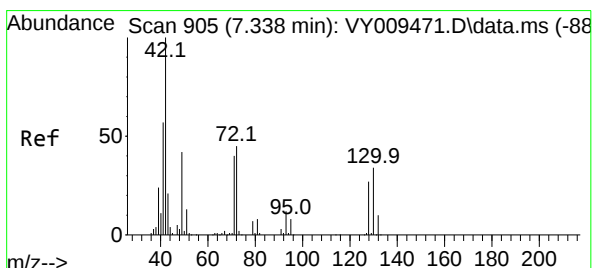
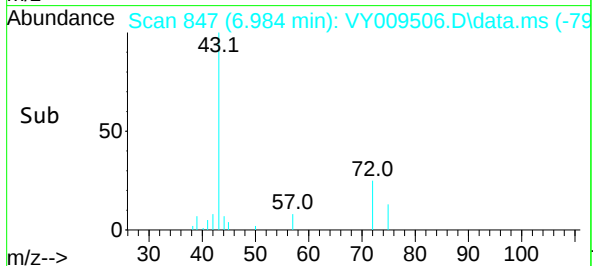
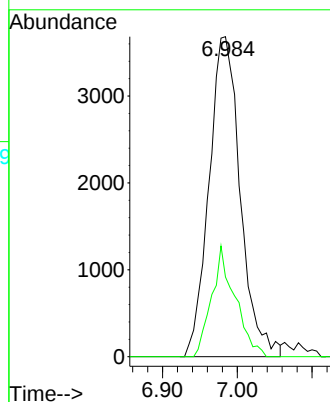


Tgt Ion: 43 Resp: 10727

Ion Ratio Lower Upper

43 100

72 24.9 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.299 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.024 min

Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

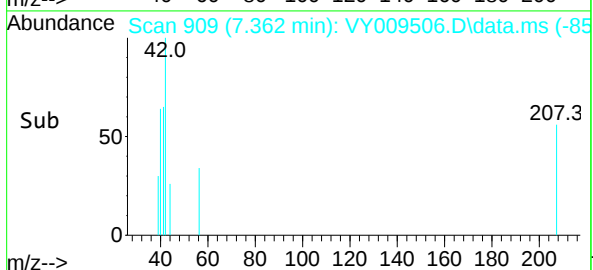
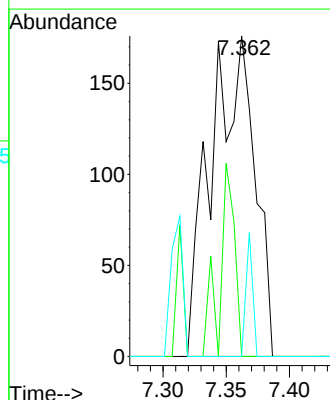
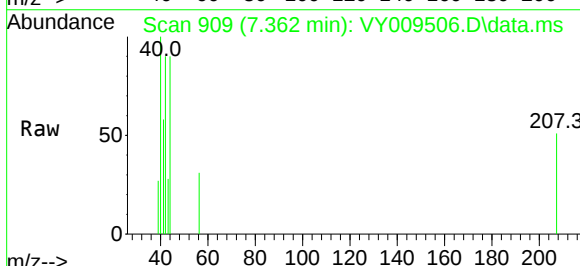
Tgt Ion: 42 Resp: 423

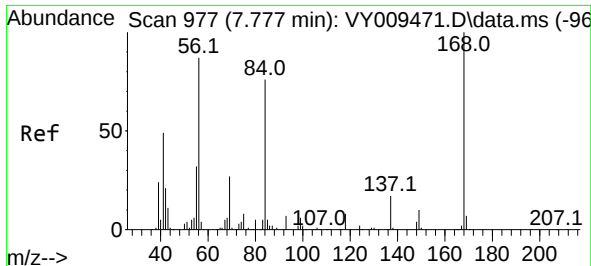
Ion Ratio Lower Upper

42 100

72 20.3 30.3 45.5#

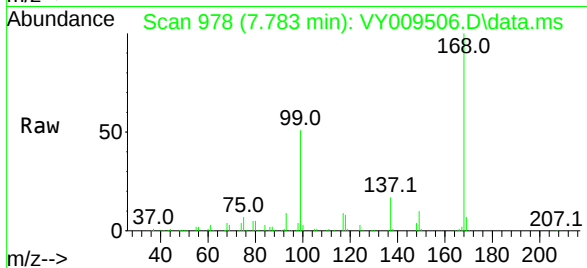
71 5.9 29.0 43.4#



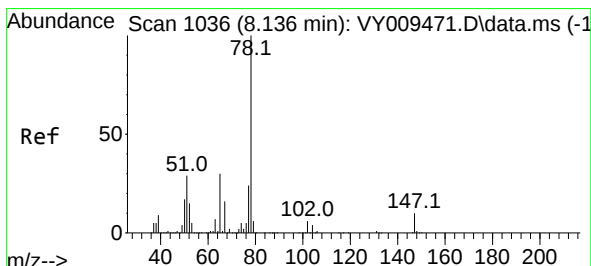
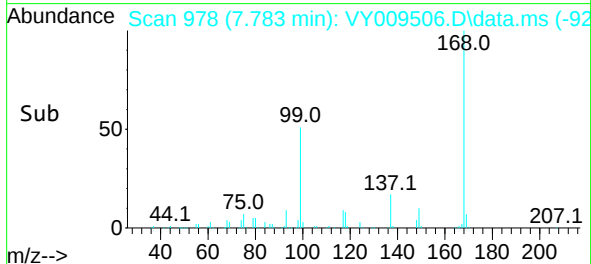
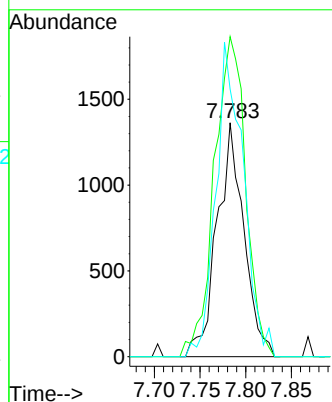


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :

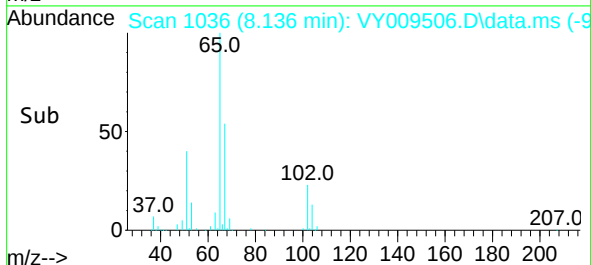
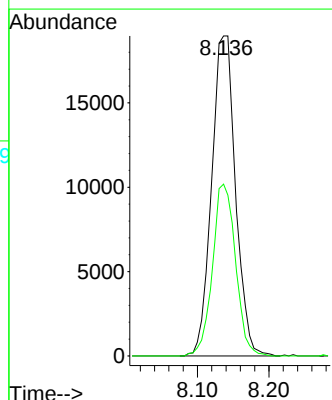
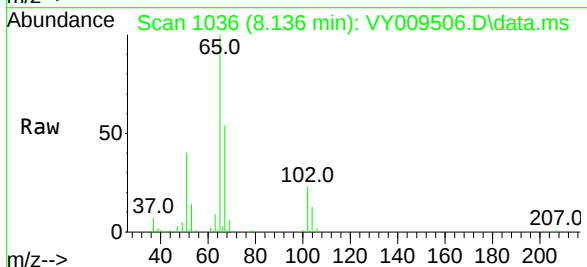


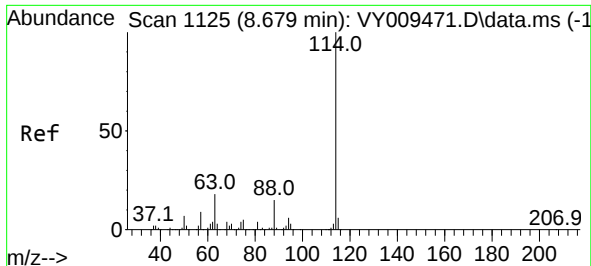
Tgt Ion: 56 Resp: 2789
Ion Ratio Lower Upper
56 100
69 136.8 26.7 40.1#
84 114.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.785 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 65 Resp: 44094
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

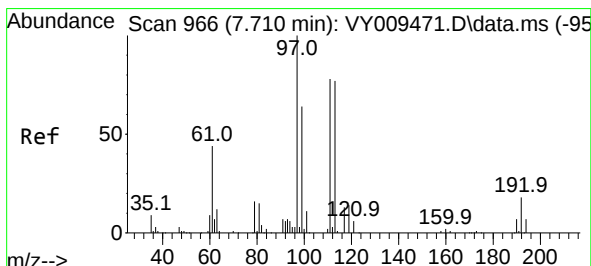
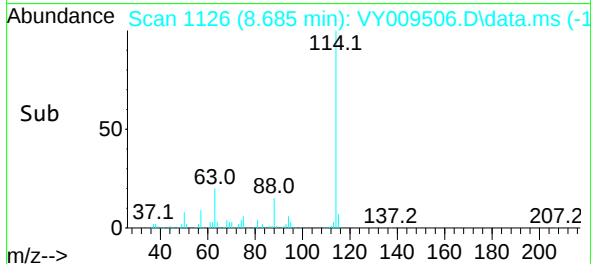
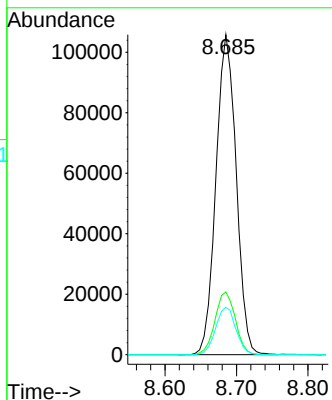
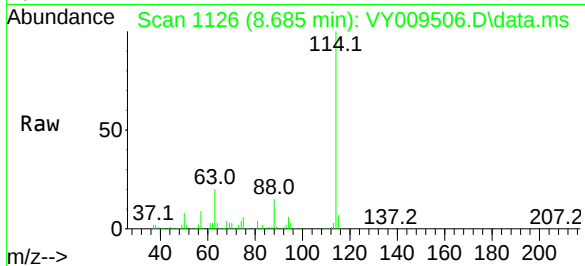




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

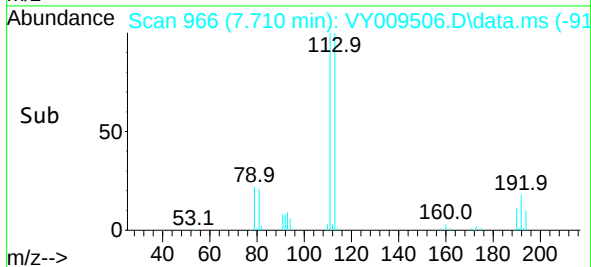
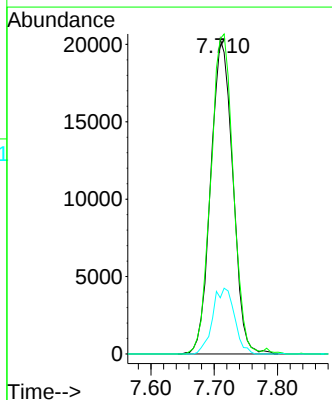
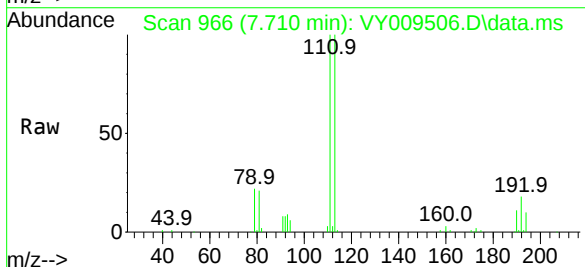
Instrument :
MSVOA_Y
ClientSampleId :

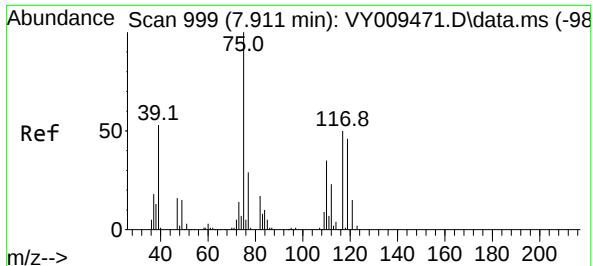
Tgt Ion:114 Resp: 208138
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.861 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion:113 Resp: 49130
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.190 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

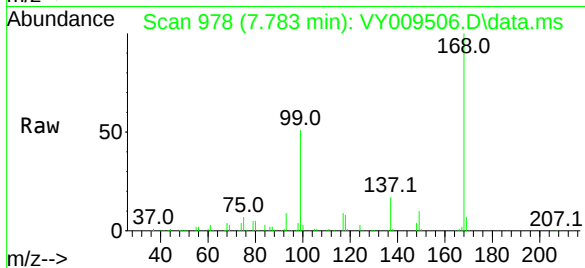
Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

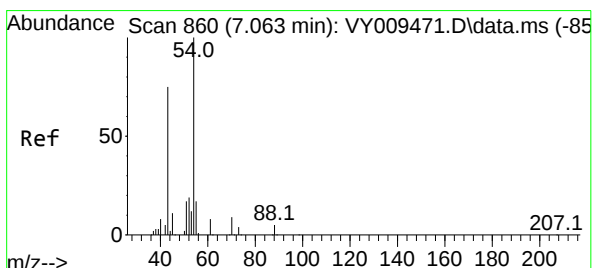
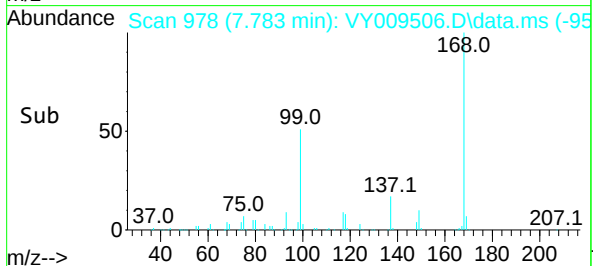
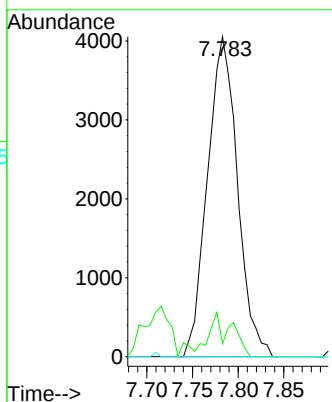
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	9253
Ion	Ratio	Lower	Upper
75	100		
110	4.2	17.1	51.2#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 9.598 ug/l

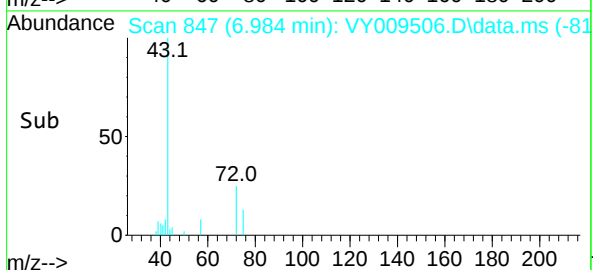
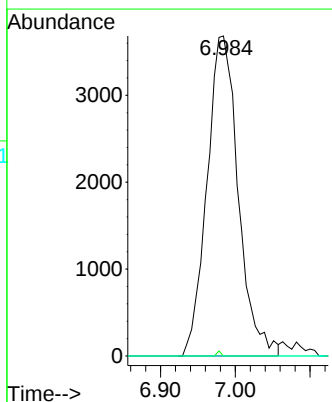
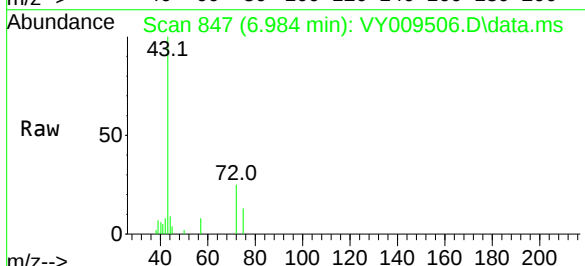
RT: 6.984 min Scan# 847

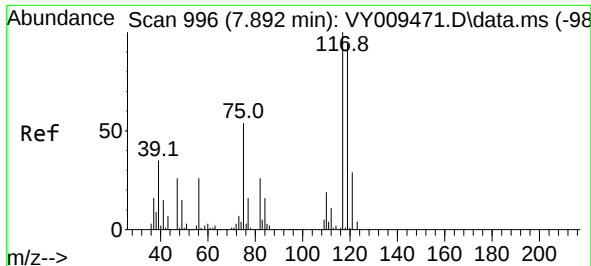
Delta R.T. -0.079 min

Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

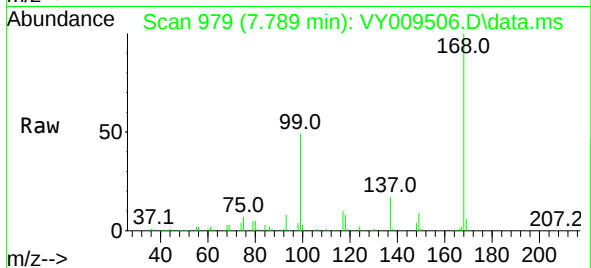
Tgt Ion:	43	Resp:	10727
Ion	Ratio	Lower	Upper
43	100		
61	0.2	9.7	14.5#
70	0.0	7.1	10.7#



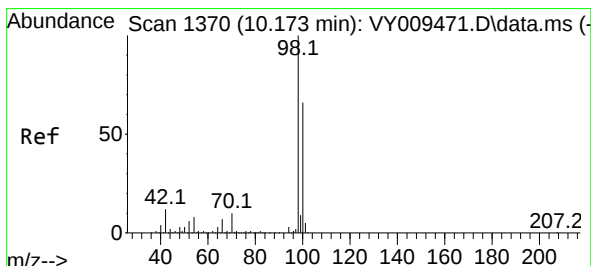
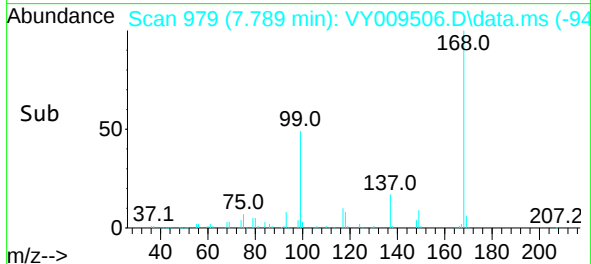
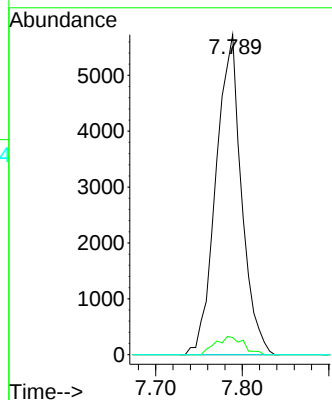


#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :

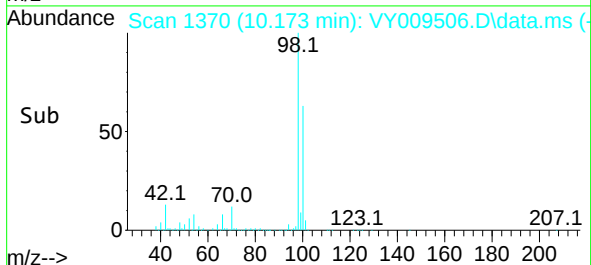
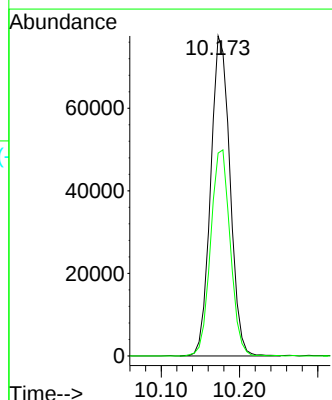
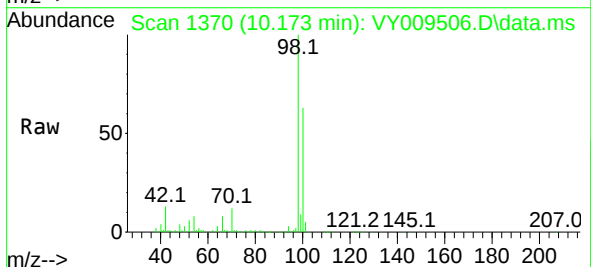


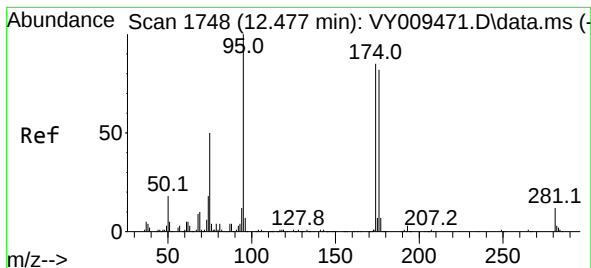
Tgt Ion:117 Resp: 11734
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 43.018 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 98 Resp: 132573
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

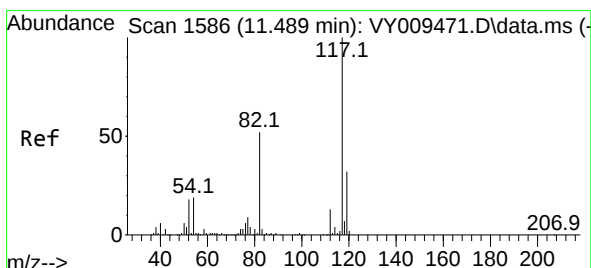
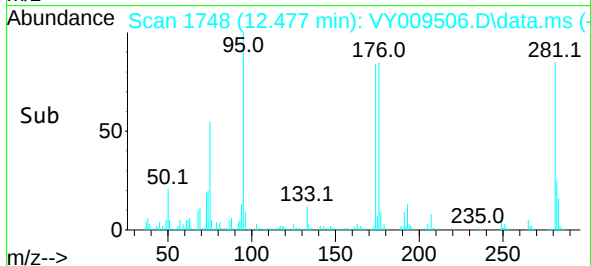
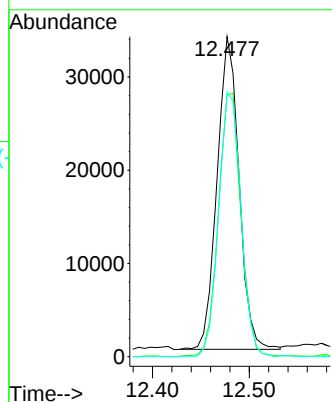
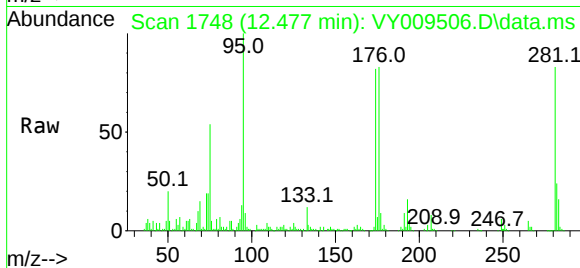




#62
4-Bromofluorobenzene
Concen: 34.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

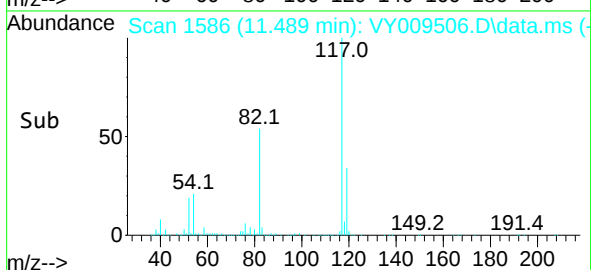
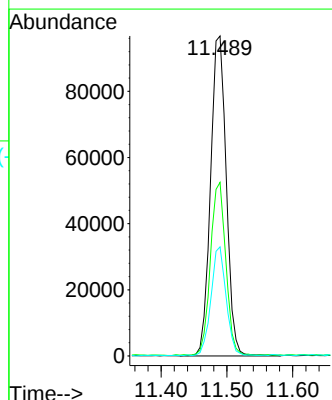
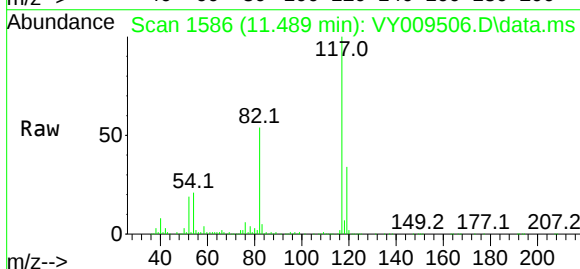
Instrument :
MSVOA_Y
ClientSampleId :

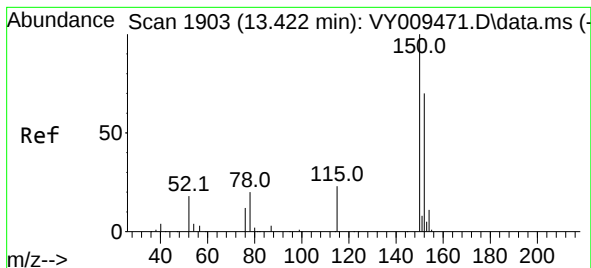
Tgt Ion: 95 Resp: 52889
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009506.D
Acq: 11 Jul 2022 13:40

Tgt Ion: 117 Resp: 161292
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 34.0 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: VY009506.D

Acq: 11 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

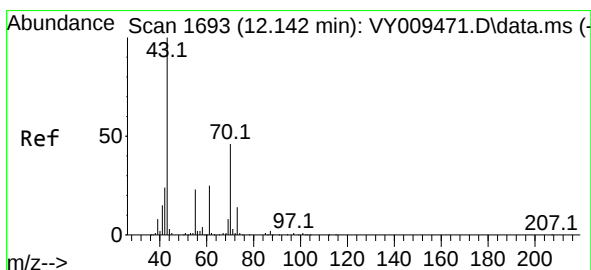
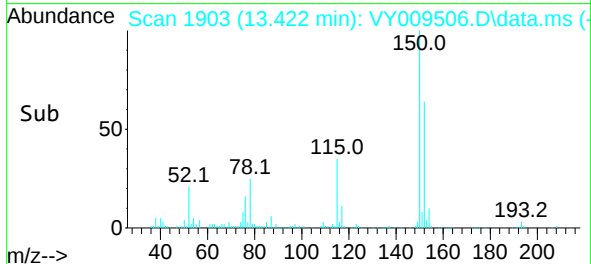
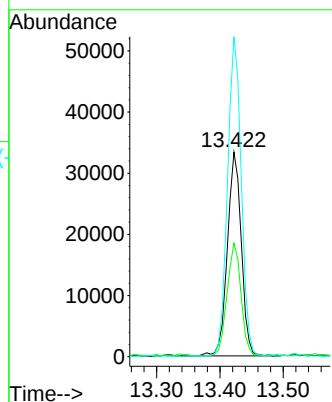
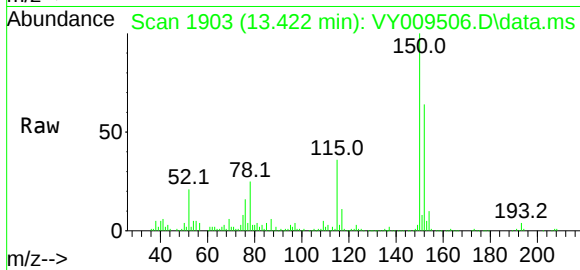
Tgt Ion:152 Resp: 50853

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.3 0.0 347.6



#74

N-ethyl acetate

Concen: 2.185 ug/l

RT: 12.099 min Scan# 1686

Delta R.T. -0.043 min

Lab File: VY009506.D

Acq: 11 Jul 2022 13:40

Tgt Ion: 43 Resp: 2162

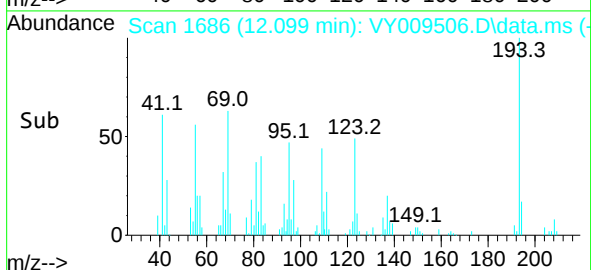
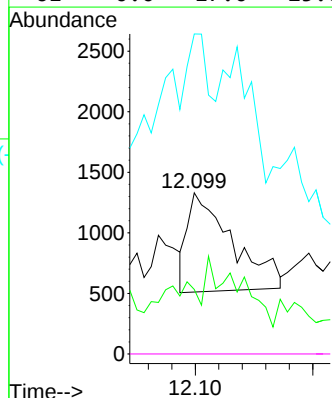
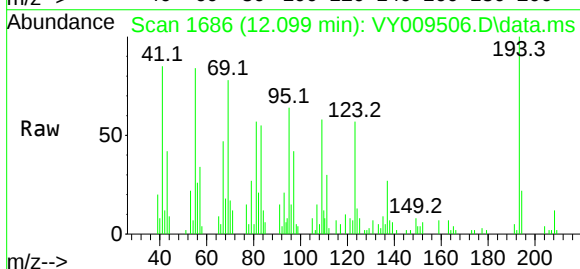
Ion Ratio Lower Upper

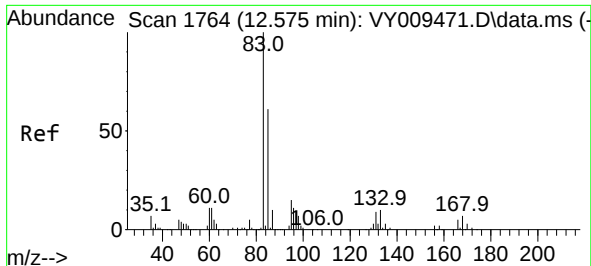
43 100

70 12.2 28.7 43.1#

55 37.7 17.3 25.9#

61 0.0 17.0 25.6#

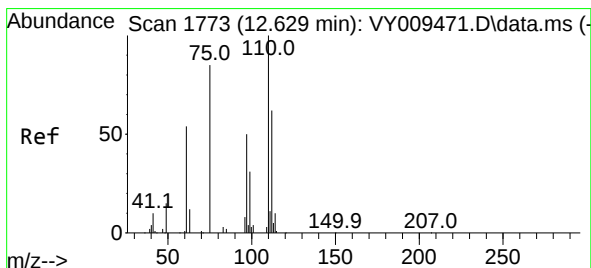
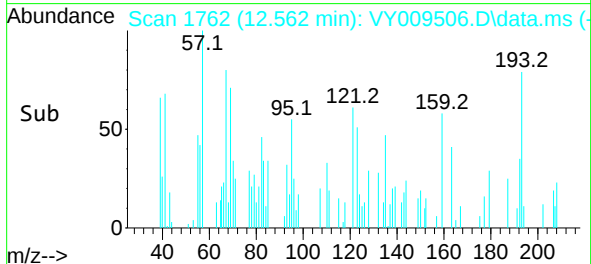
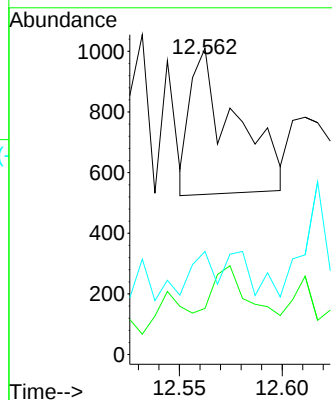
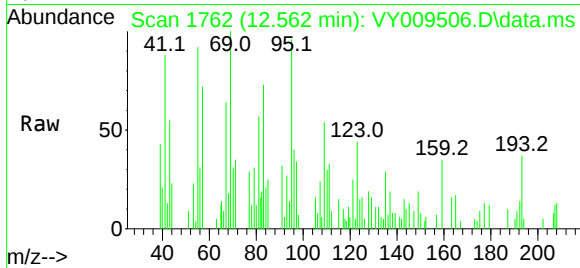




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.050 ug/l
 RT: 12.562 min Scan# 1762
 Delta R.T. -0.013 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

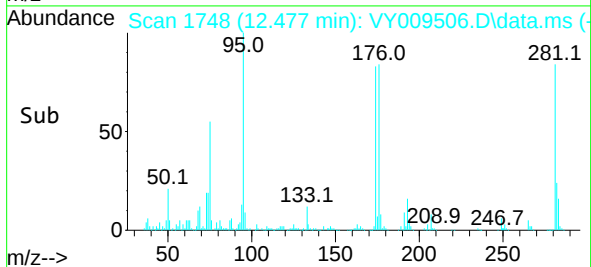
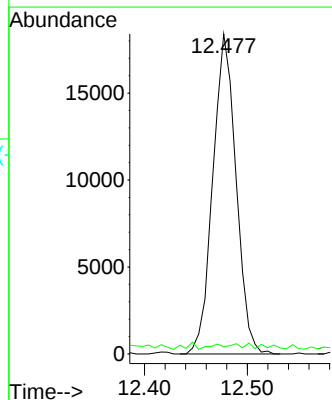
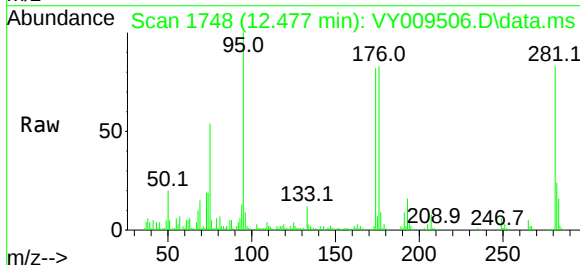
Instrument :
 MSVOA_Y
 ClientSampleId :

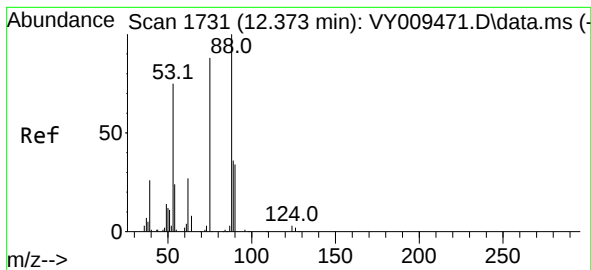
Tgt Ion: 83 Resp: 731
 Ion Ratio Lower Upper
 83 100
 131 52.1 5.6 16.8#
 85 14.1 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 53.569 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

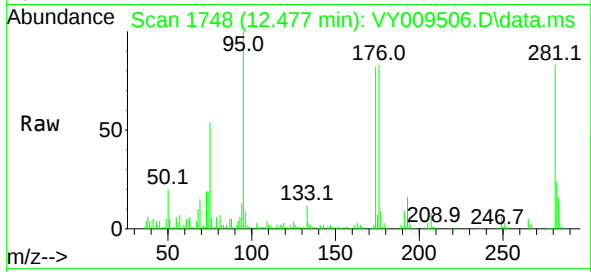
Tgt Ion: 75 Resp: 28837
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.636 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009506.D
 Acq: 11 Jul 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	28837
Ion	Ratio	Lower	Upper
75	100		
53	1.3	85.3	127.9#
89	2.4	37.0	55.4#

