

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009155.D
 Acq On : 06 Jun 2022 18:12
 Operator : KP/MD
 Sample : N3170-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:33:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

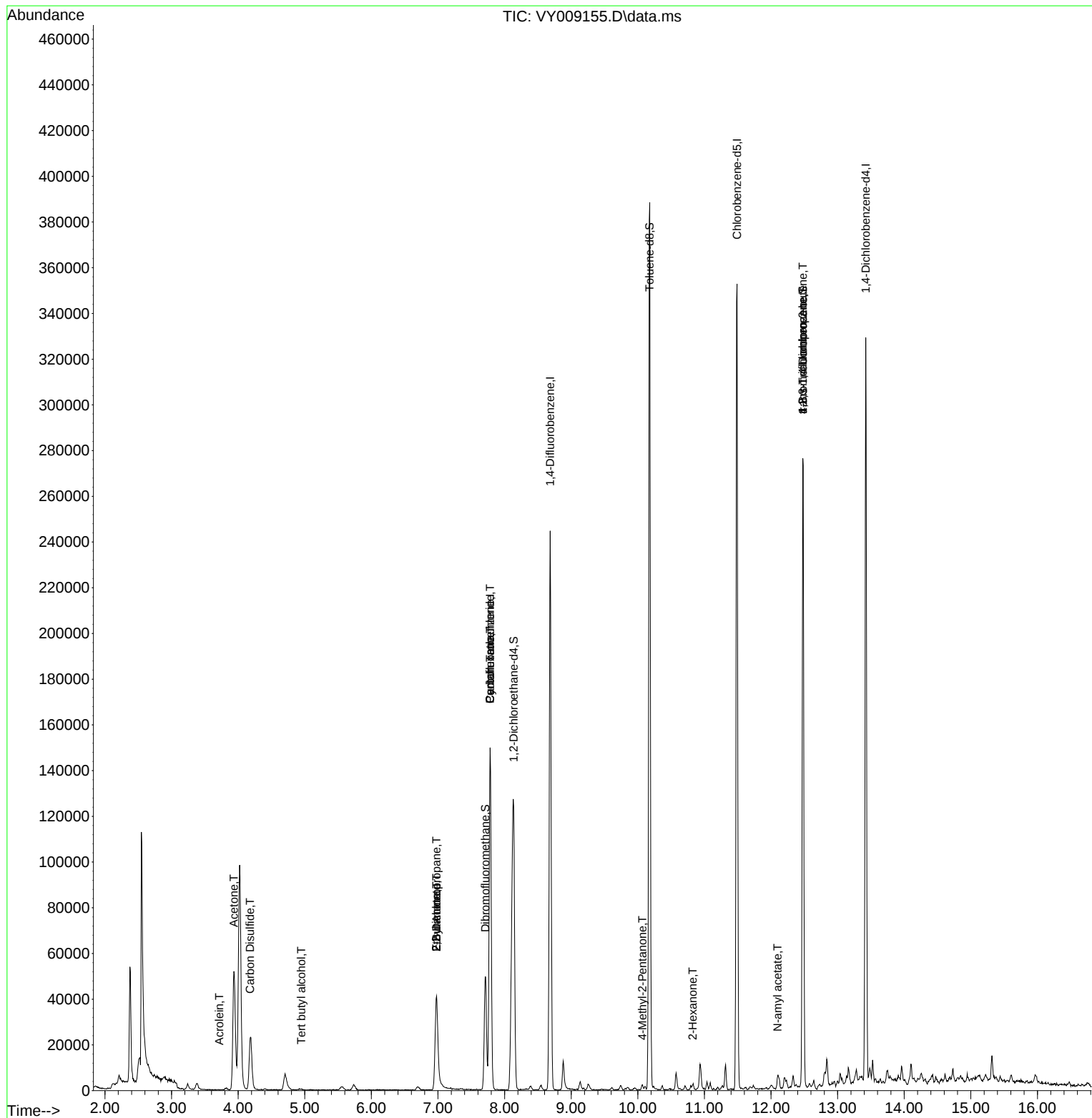
Internal Standards						
1) Pentafluorobenzene	7.783	168	112424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72035	62.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.520%	
35) Dibromofluoromethane	7.710	113	34190	27.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 54.640%	
50) Toluene-d8	10.179	98	247597	53.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.477	95	71349	38.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	852	7.260	ug/l #	77
13) Acrolein	3.716	56	78	2.019	ug/l #	14
16) Acetone	3.936	43	88766	368.556	ug/l	90
17) Carbon Disulfide	4.180	76	42836	12.400	ug/l	97
20) Methylene Chloride	4.704	84	4783	Below Cal		90
25) 2-Butanone	6.978	43	20629	47.954	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	2596	1.231	ug/l #	55
31) Cyclohexane	7.783	56	3120	1.378	ug/l #	16
37) Ethyl Acetate	6.978	43	20629	18.672	ug/l #	83
38) Carbon Tetrachloride	7.783	117	11078	4.972	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	1365	1.201	ug/l	90
59) 2-Hexanone	10.825	43	2130	2.736	ug/l	83
74) N-amyl acetate	12.099	43	3843	2.841	ug/l #	59
76) 1,2,3-Trichloropropane	12.477	75	42270	50.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42270	103.023	ug/l #	7

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

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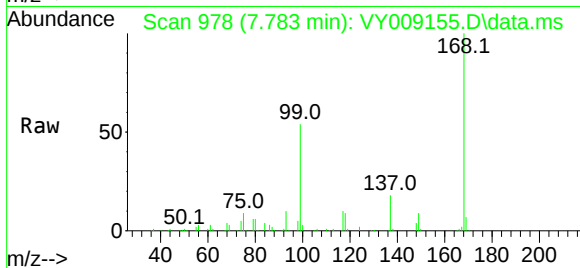
Quant Time: Jun 07 02:33:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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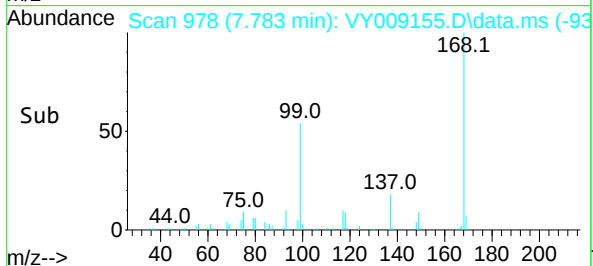
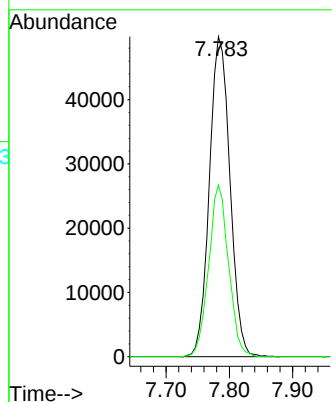


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

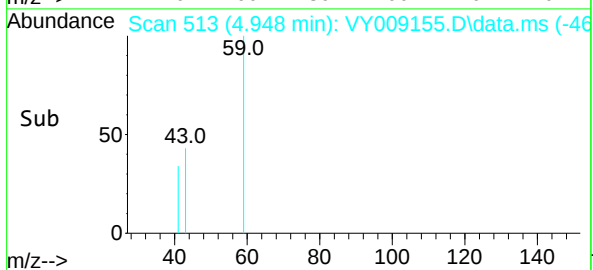
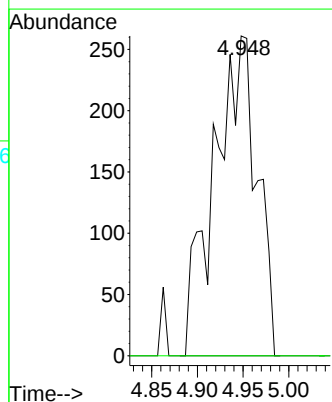
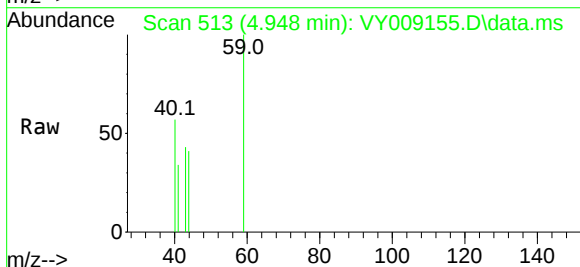


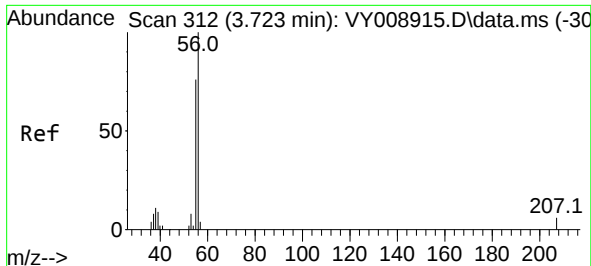
Tgt Ion:168 Resp: 112424
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.260 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

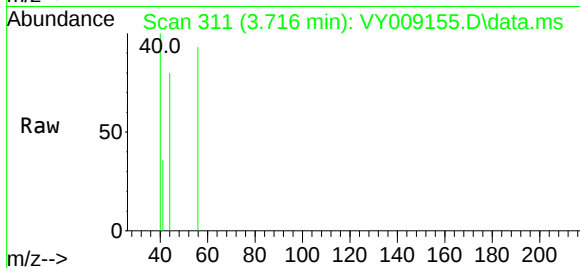
Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



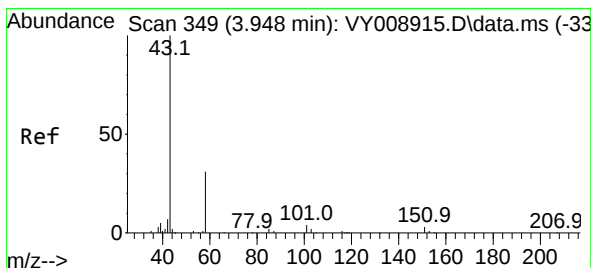
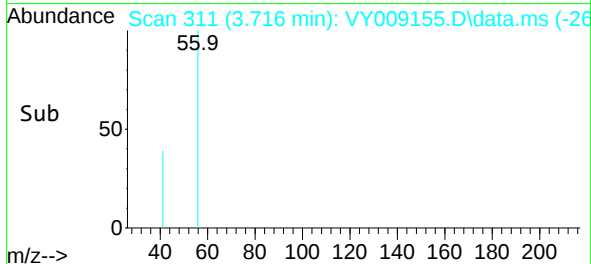
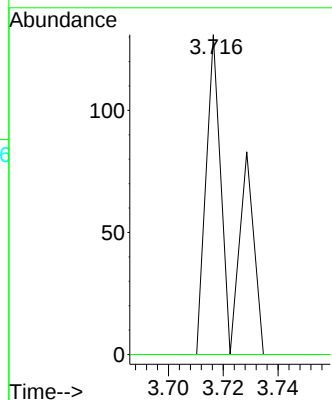


#13
Acrolein
Concen: 2.019 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

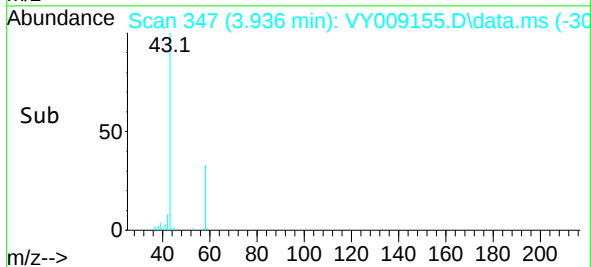
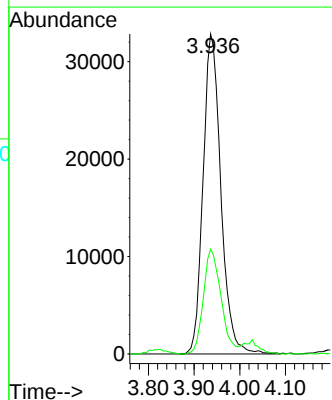
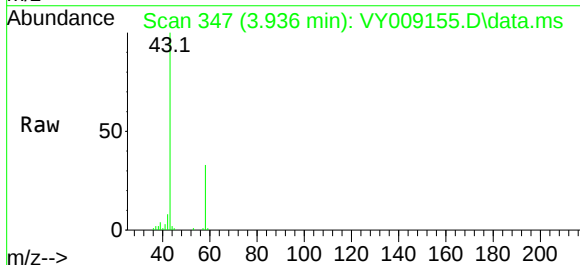


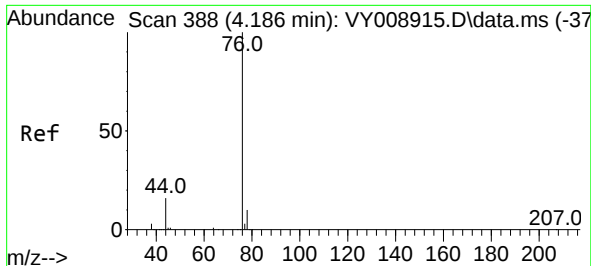
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 368.556 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 43 Resp: 88766
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

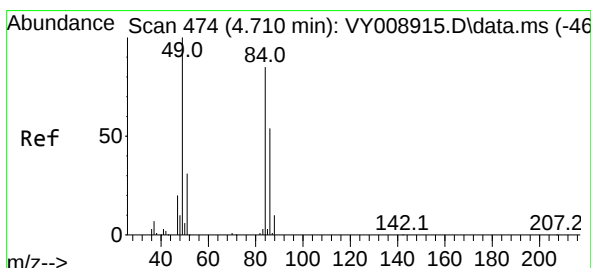
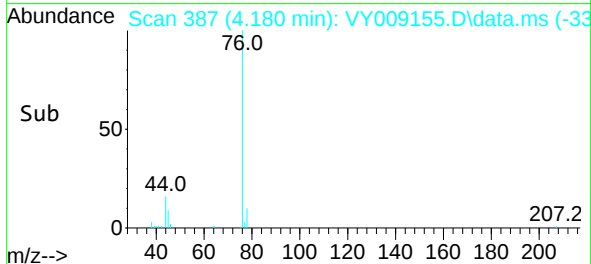
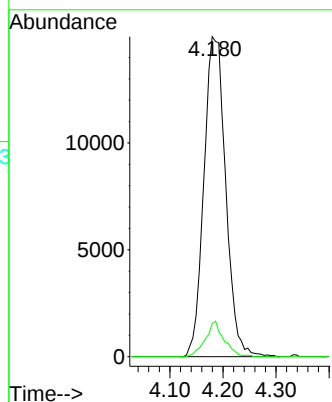
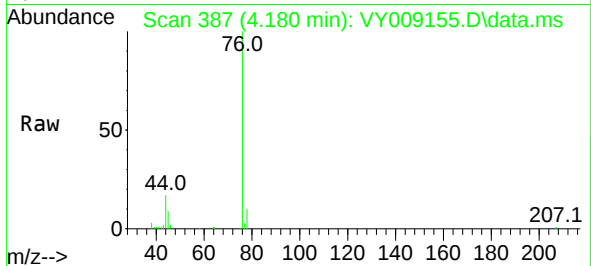




#17
Carbon Disulfide
Concen: 12.400 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

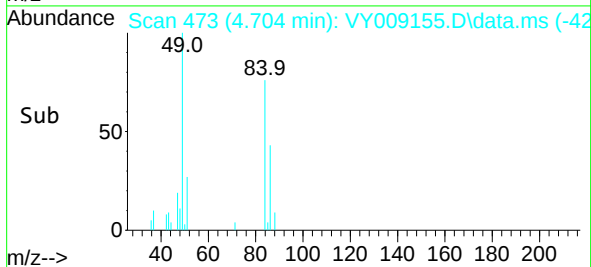
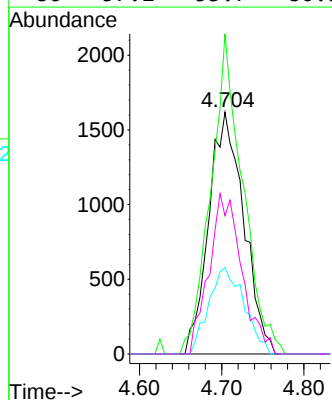
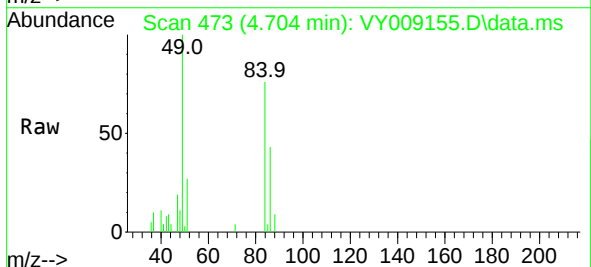
Instrument :
MSVOA_Y
ClientSampleId :

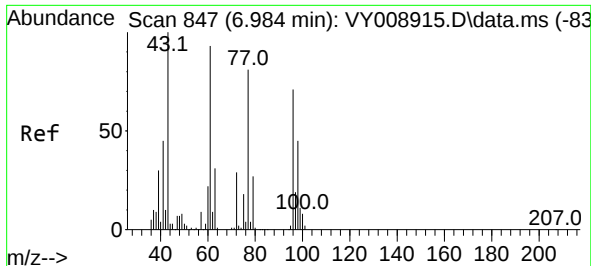
Tgt Ion: 76 Resp: 42836
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

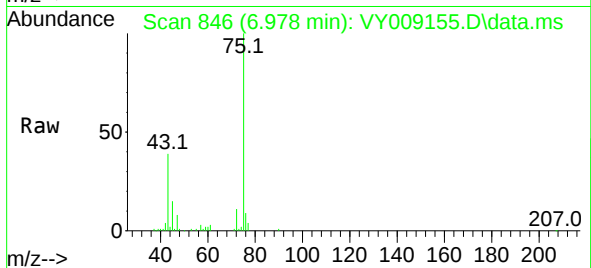
Tgt Ion: 84 Resp: 4783
Ion Ratio Lower Upper
84 100
49 132.4 114.4 171.6
51 35.8 35.3 52.9
86 57.2 53.7 80.5



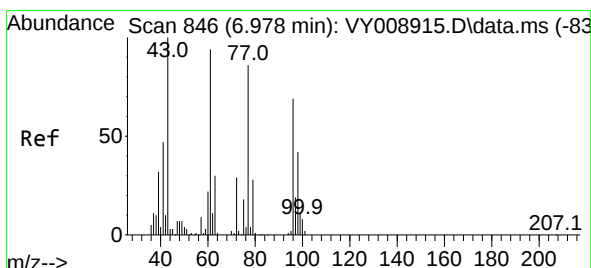
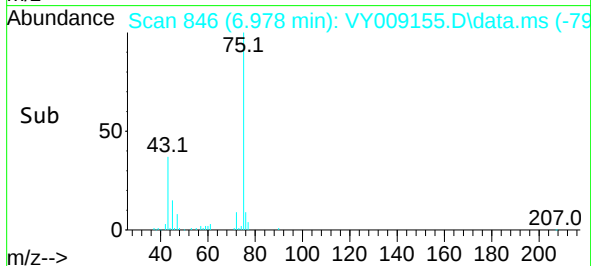
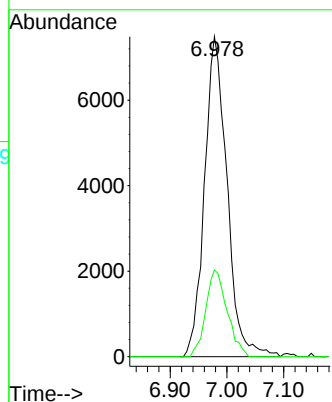


#25
2-Butanone
Concen: 47.954 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

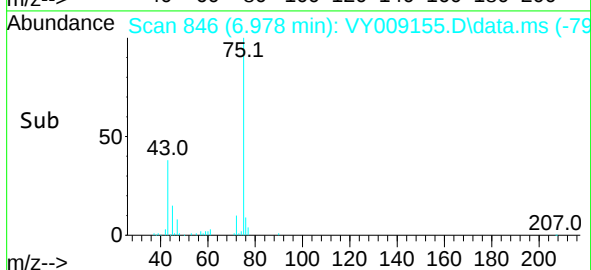
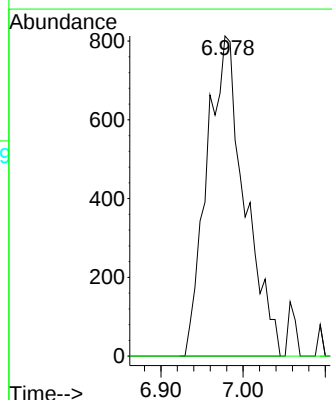
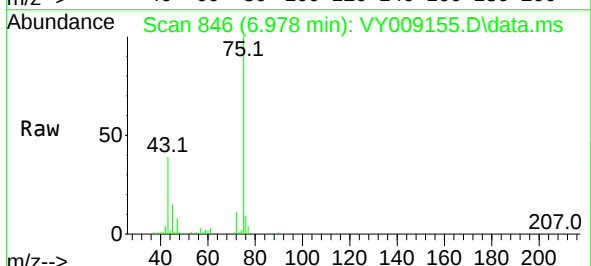


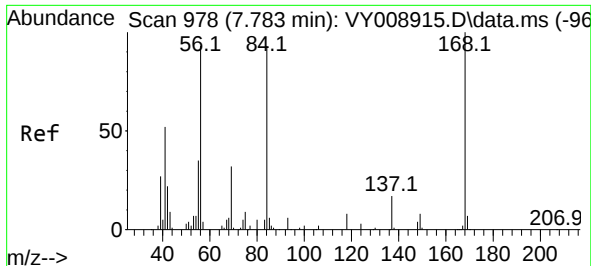
Tgt Ion: 43 Resp: 20629
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.231 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

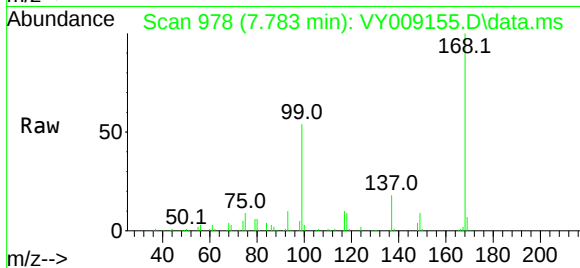
Tgt Ion: 77 Resp: 2596
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



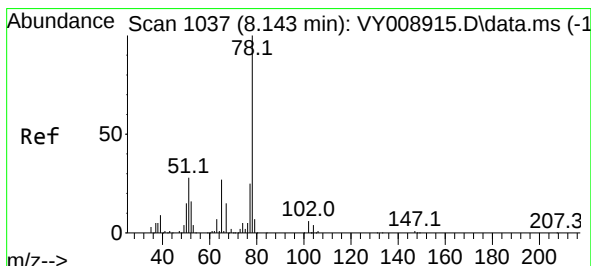
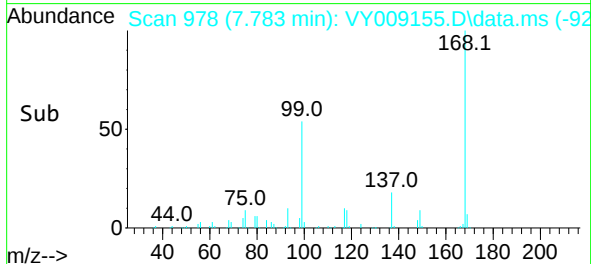
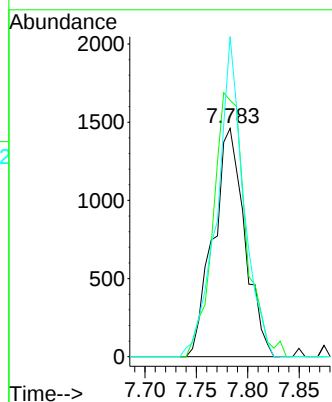


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

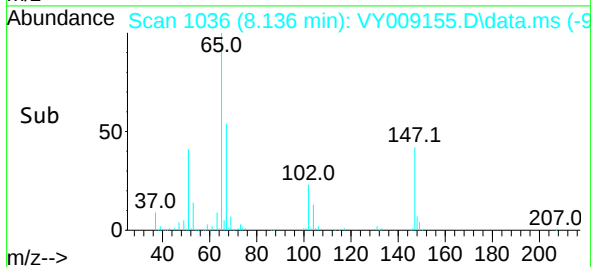
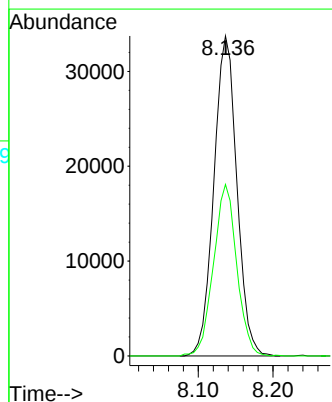
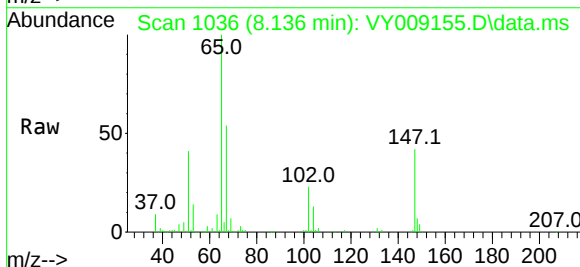


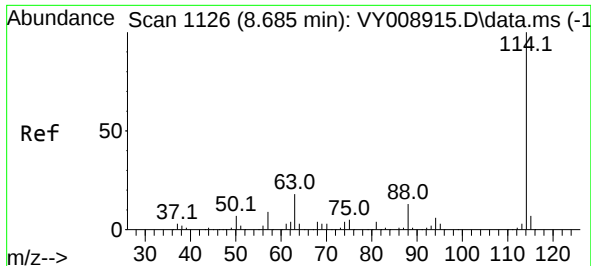
Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 112.3 26.7 40.1#
84 140.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.258 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 65 Resp: 72035
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

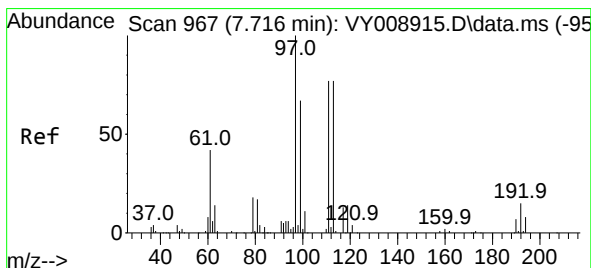
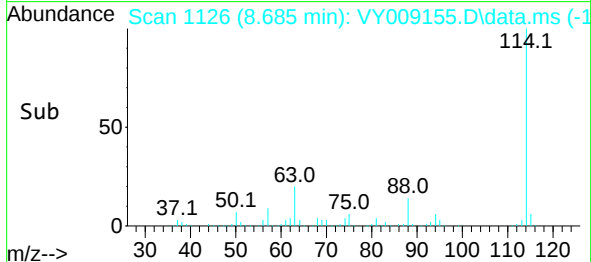
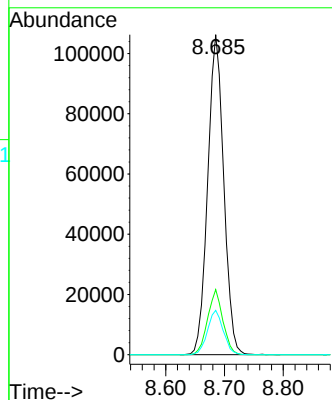
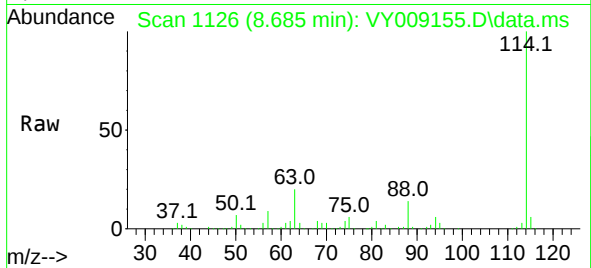




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

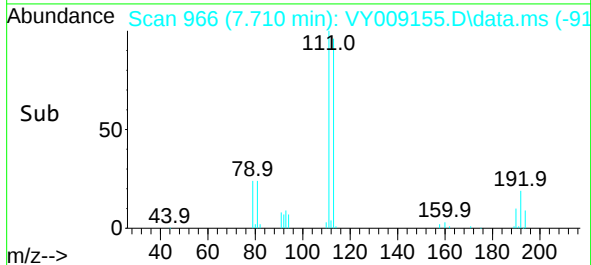
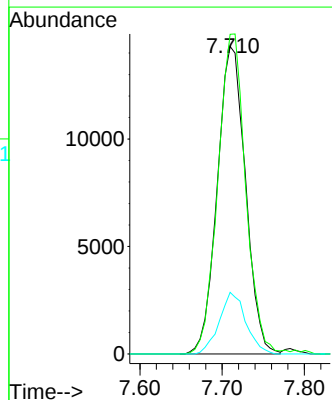
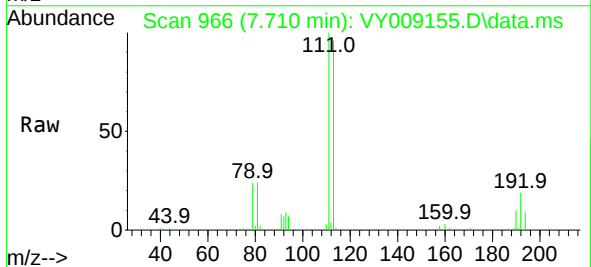
Instrument :
MSVOA_Y
ClientSampleId :

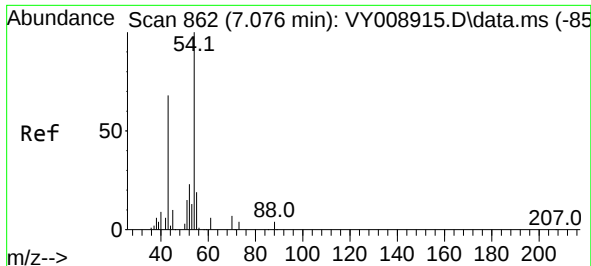
Tgt Ion:114 Resp: 201259
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 27.319 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion:113 Resp: 34190
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.8 17.6 26.4





#37

Ethyl Acetate

Concen: 18.672 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

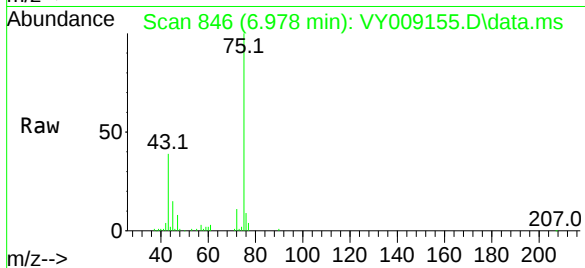
Lab File: VY009155.D

Acq: 06 Jun 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :



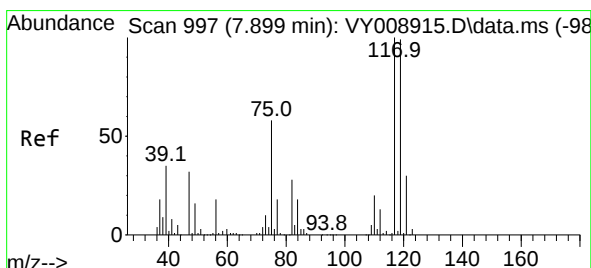
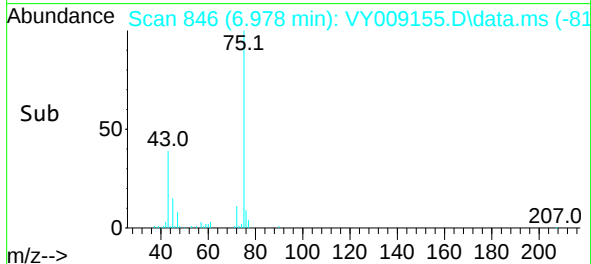
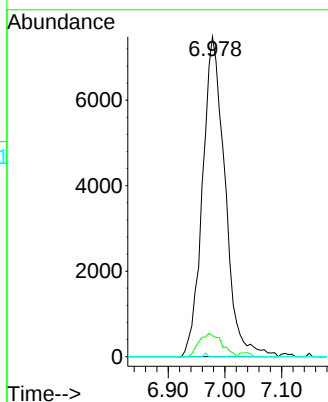
Tgt Ion: 43 Resp: 20629

Ion Ratio Lower Upper

43 100

61 7.3 9.7 14.5#

70 0.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.972 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009155.D

Acq: 06 Jun 2022 18:12

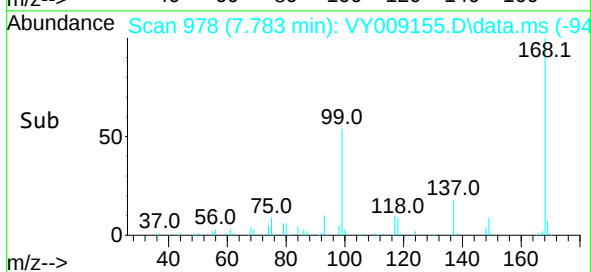
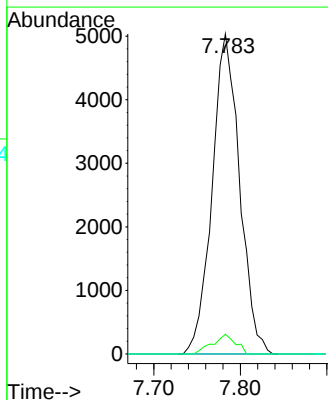
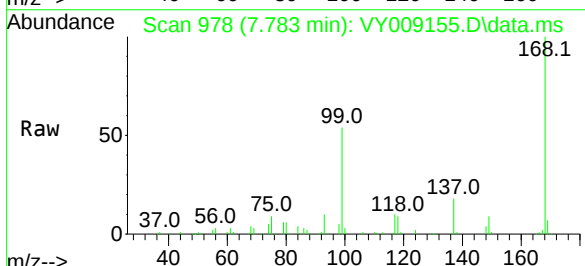
Tgt Ion: 117 Resp: 11078

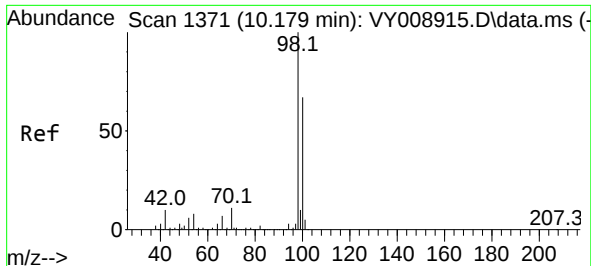
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

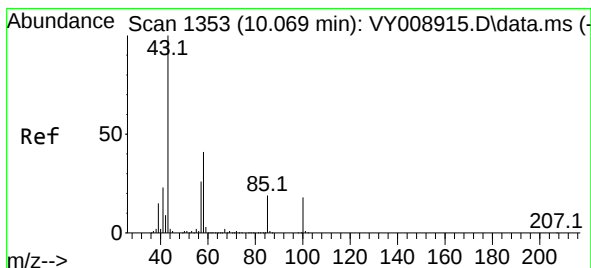
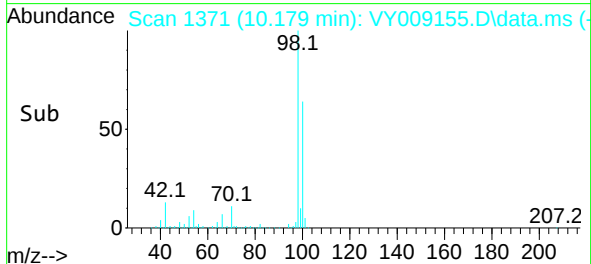
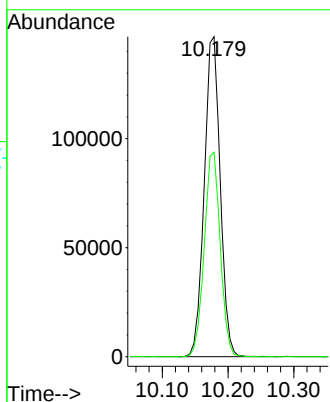
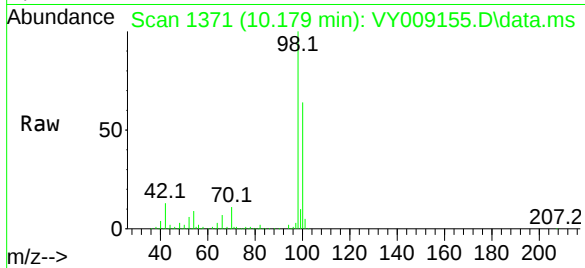




#50
Toluene-d8
Concen: 53.627 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

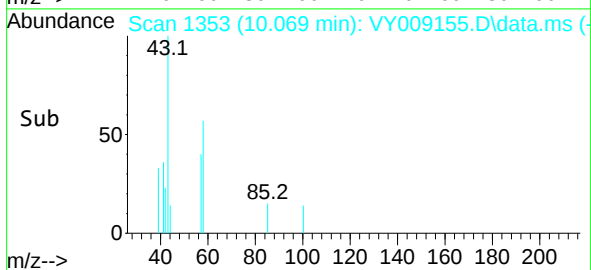
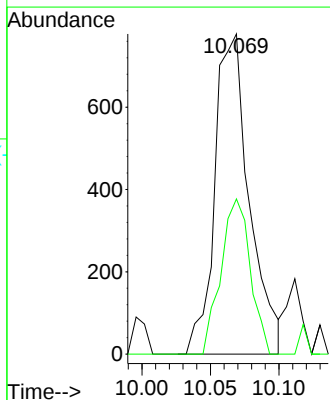
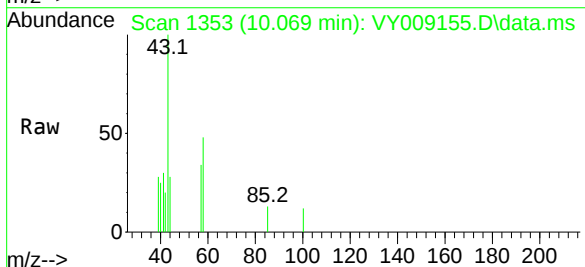
Instrument :
MSVOA_Y
ClientSampleId :

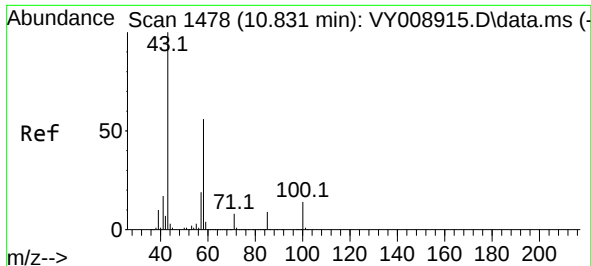
Tgt Ion: 98 Resp: 247597
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.201 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1

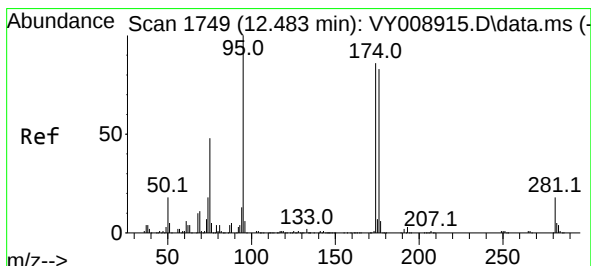
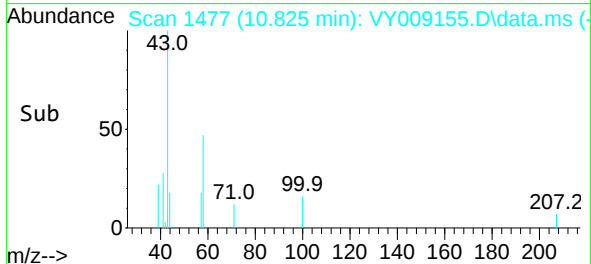
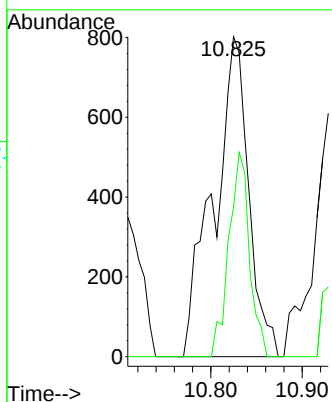
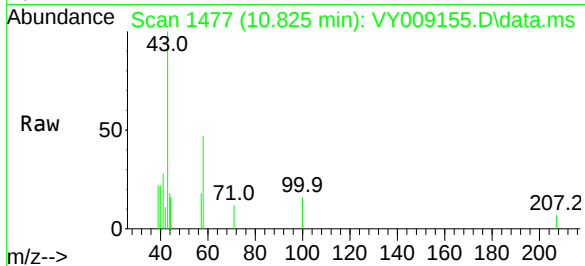




#59
2-Hexanone
Concen: 2.736 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

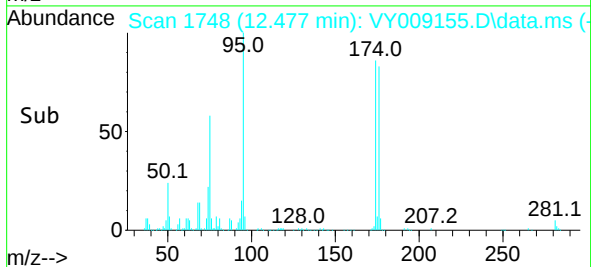
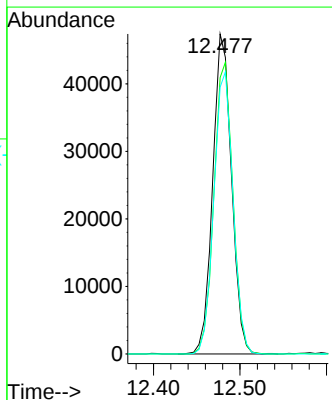
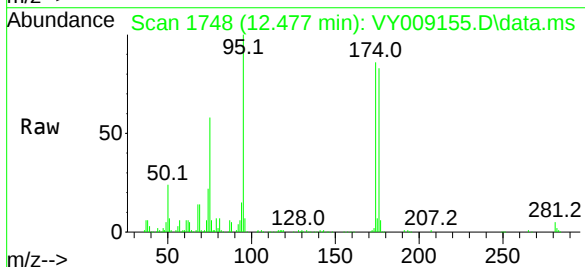
Instrument :
MSVOA_Y
ClientSampleId :

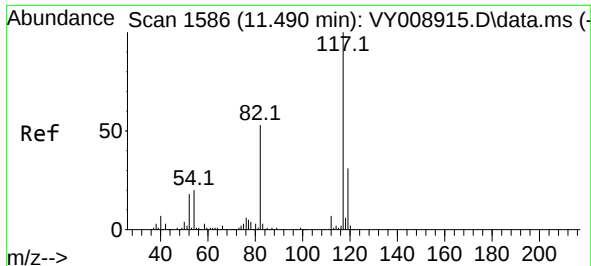
Tgt Ion: 43 Resp: 2130
Ion Ratio Lower Upper
43 100
58 37.6 24.4 73.4



#62
4-Bromofluorobenzene
Concen: 38.309 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

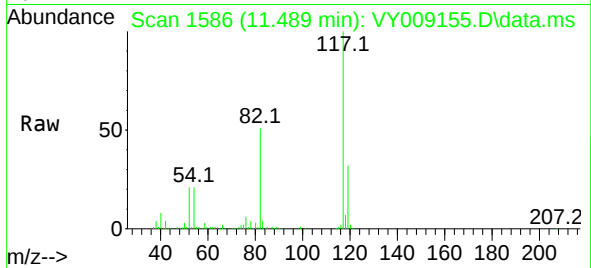
Tgt Ion: 95 Resp: 71349
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.8 0.0 175.8



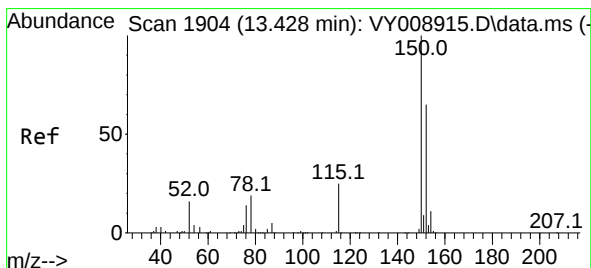
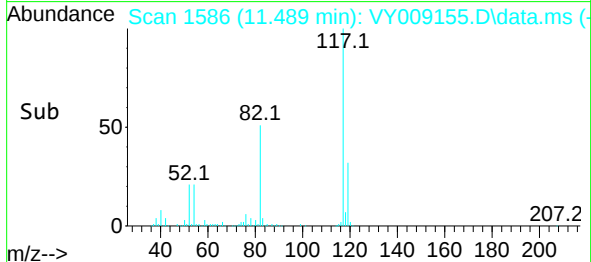
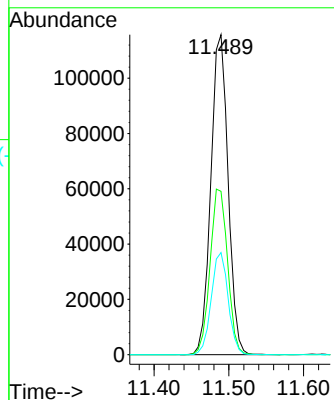


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

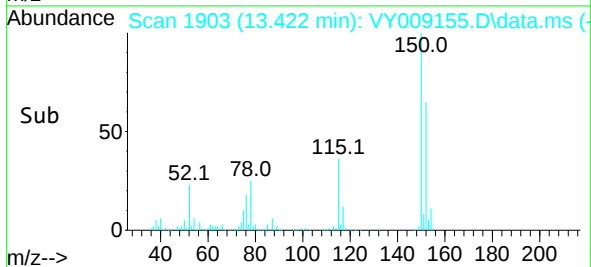
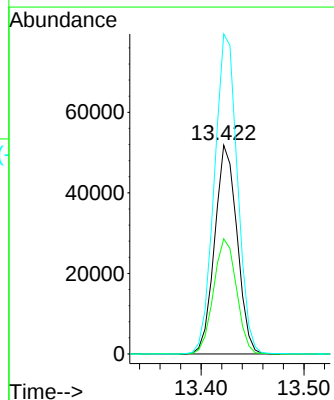
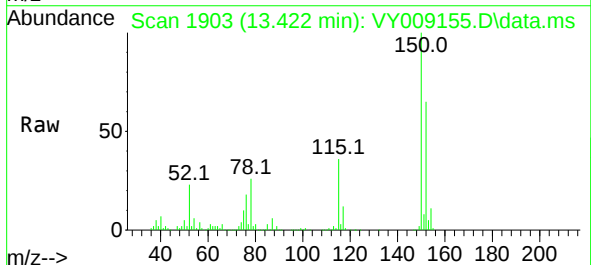


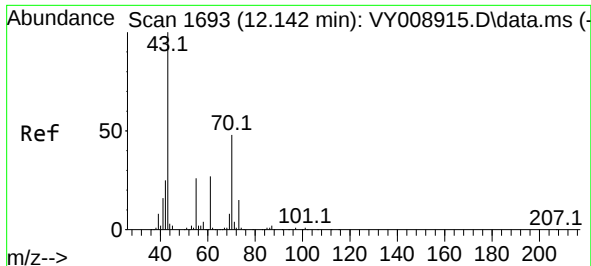
Tgt Ion:117 Resp: 185619
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

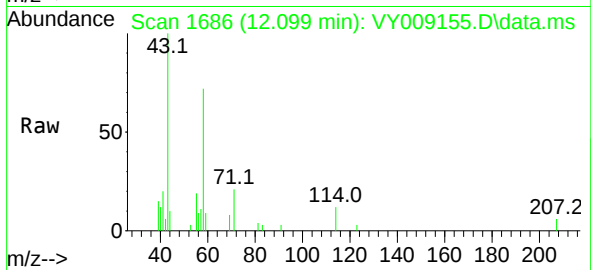
Tgt Ion:152 Resp: 78420
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.0 0.0 347.6



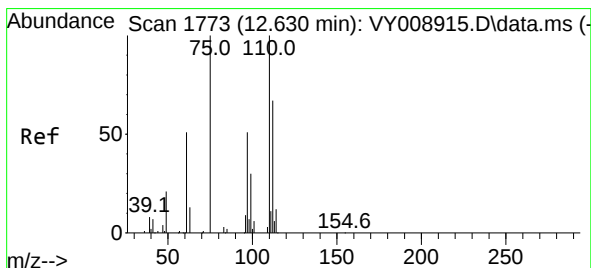
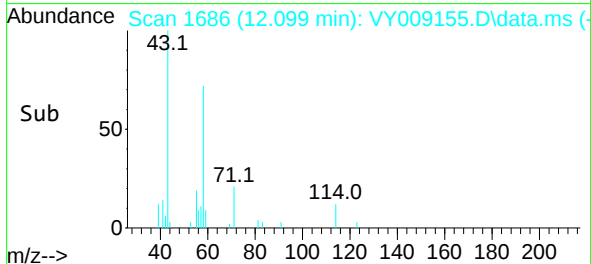
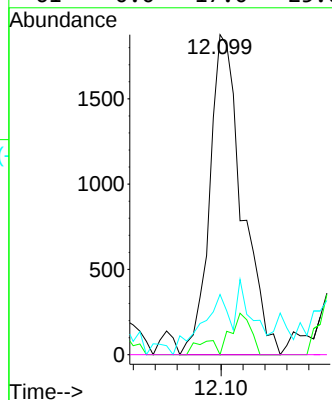


#74
N-amy1 acetate
Concen: 2.841 ug/l
RT: 12.099 min Scan# 1748
Delta R.T. -0.043 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

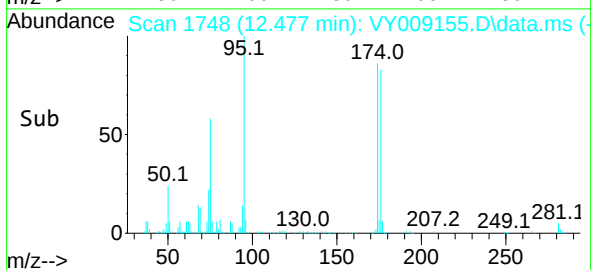
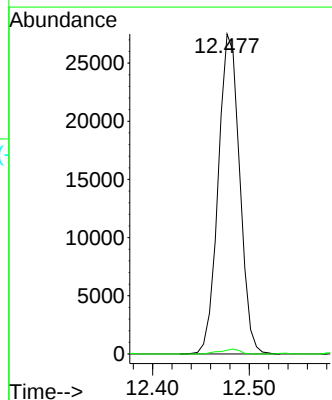
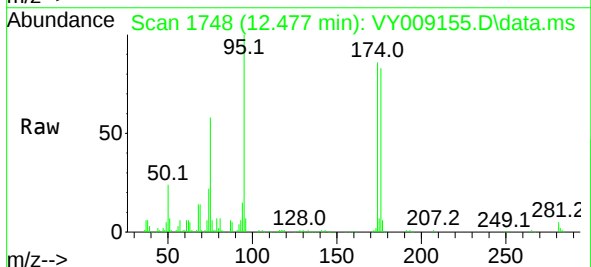


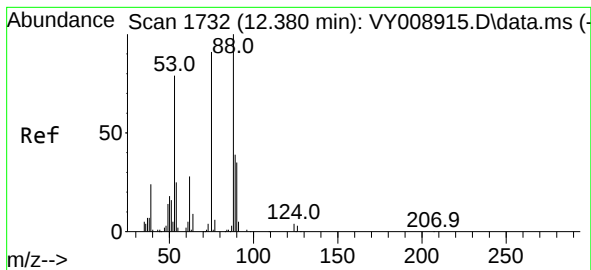
Tgt Ion: 43 Resp: 3843
Ion Ratio Lower Upper
43 100
70 2.8 28.7 43.1#
55 16.2 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 50.194 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

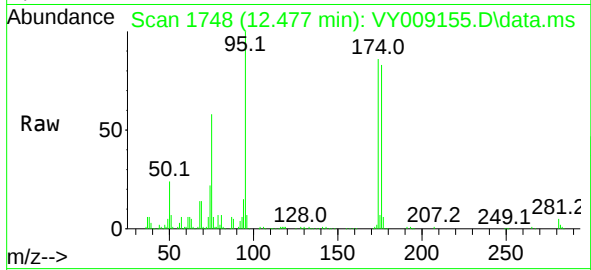
Tgt Ion: 75 Resp: 42270
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.023 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY009155.D
Acq: 06 Jun 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.2	37.0	55.4#

