

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009512.D
 Acq On : 11 Jul 2022 15:56
 Operator : KP/MD
 Sample : N3622-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:03:43 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)

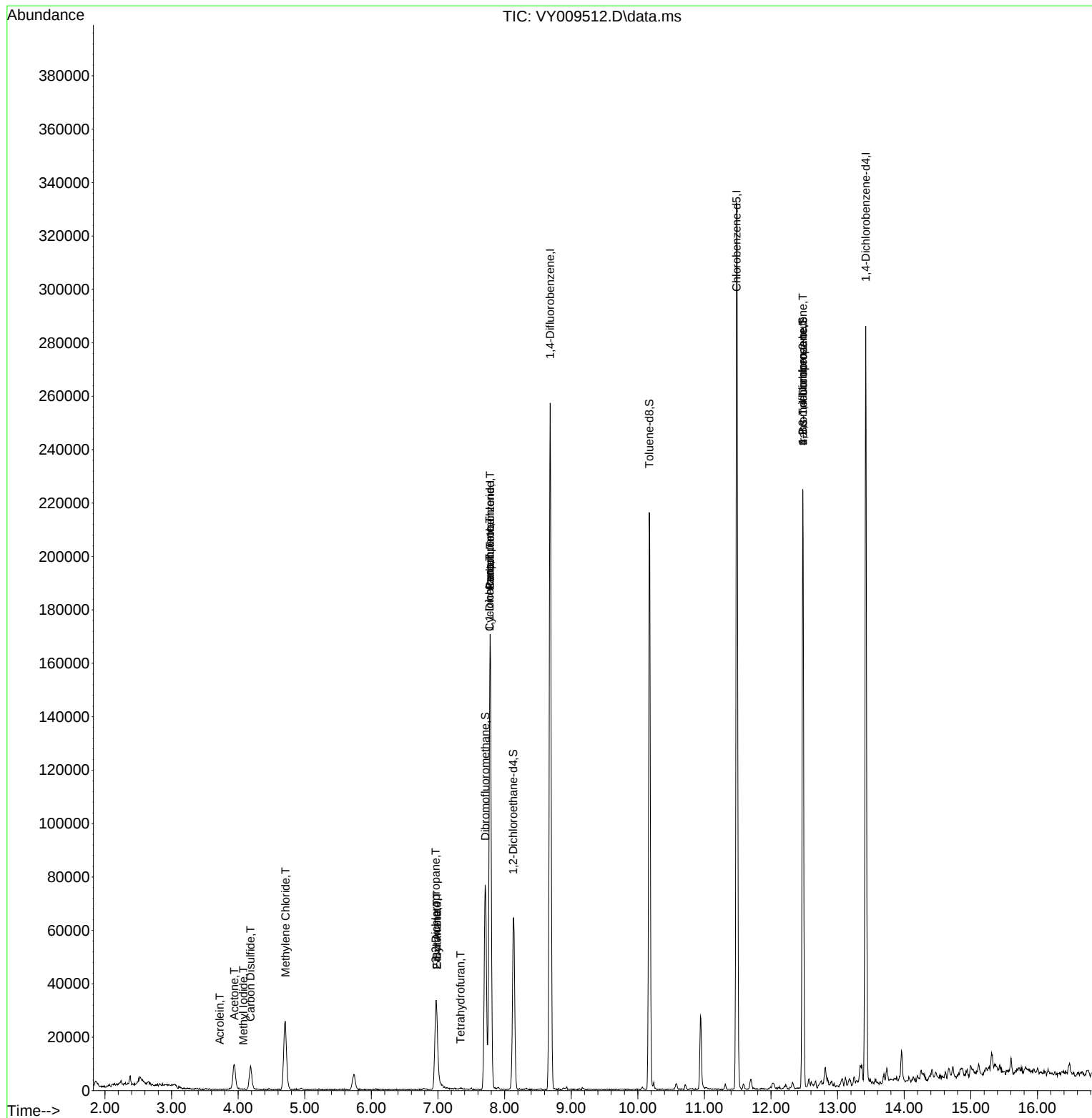
Internal Standards						
1) Pentafluorobenzene	7.783	168	135355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	183521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49883	52.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.320%			
35) Dibromofluoromethane	7.709	113	54260	47.702	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.400%			
50) Toluene-d8	10.172	98	141359	44.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 88.840%			
62) 4-Bromofluorobenzene	12.477	95	63490	39.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 79.080%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.076	142	327	4.349	ug/l #	45
11) Tert butyl alcohol	4.942	59	788	Below Cal	#	85
13) Acrolein	3.722	56	29	30.476	ug/l #	14
16) Acetone	3.942	43	17009	51.656	ug/l #	85
17) Carbon Disulfide	4.186	76	14713	8.066	ug/l	99
20) Methylene Chloride	4.710	84	18794	8.094	ug/l #	82
23) Vinyl Acetate	6.063	43	165	Below Cal	#	75
25) 2-Butanone	6.984	43	5672	10.649	ug/l	94
26) 2,2-Dichloropropane	6.966	77	2711	1.204	ug/l #	55
29) Tetrahydrofuran	7.337	42	381	1.106	ug/l #	38
31) Cyclohexane	7.776	56	3001	1.351	ug/l #	22
36) 1,1-Dichloropropene	7.776	75	10524	5.683	ug/l #	52
37) Ethyl Acetate	6.984	43	5672	4.886	ug/l #	60
38) Carbon Tetrachloride	7.783	117	12861	6.494	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	32729	44.457	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32729	90.987	ug/l #	7

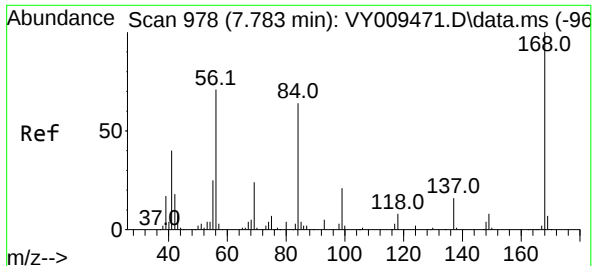
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
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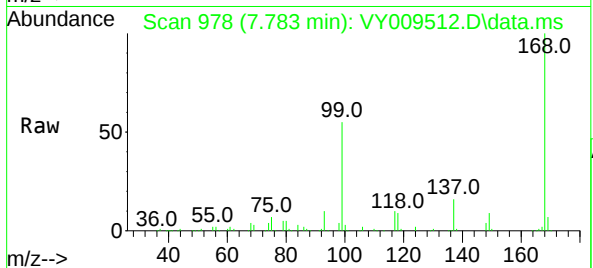
Quant Time: Jul 12 05:03:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration



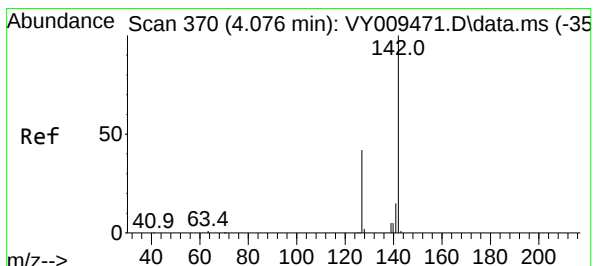
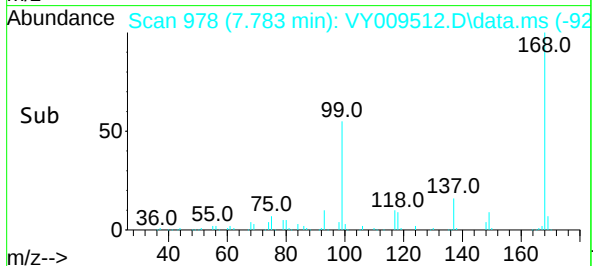
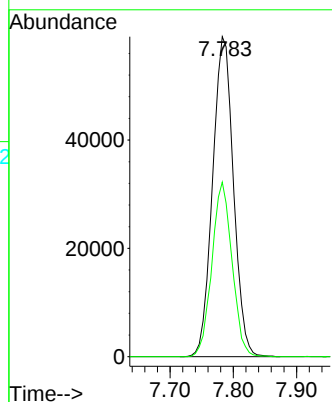


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

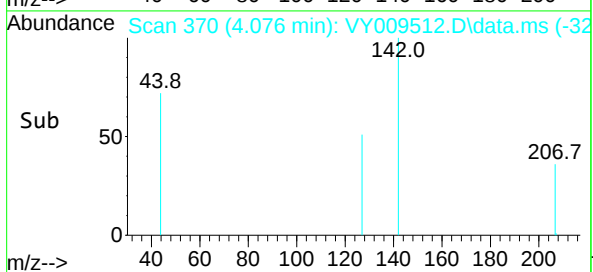
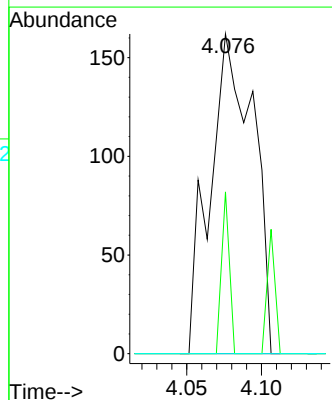
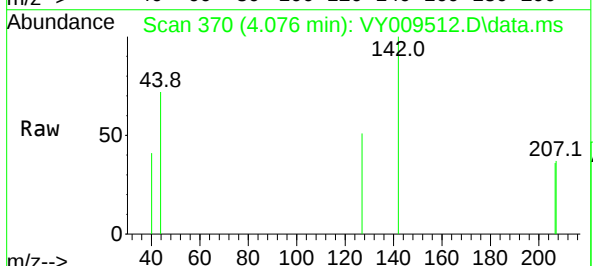


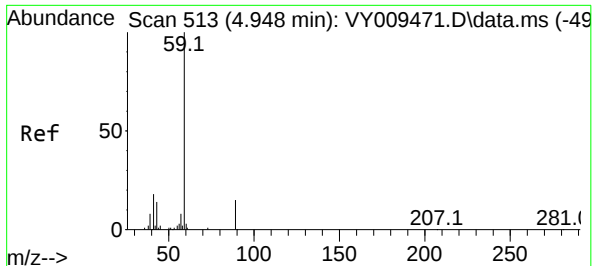
Tgt Ion:168 Resp: 135355
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#10
Methyl Iodide
Concen: 4.349 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
127 9.2 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

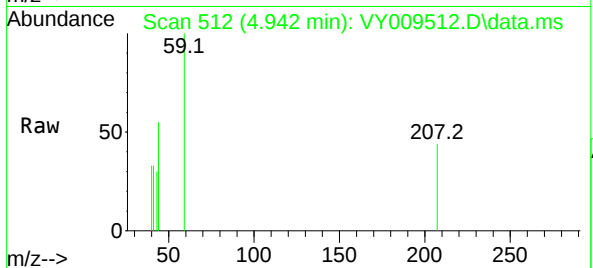
Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

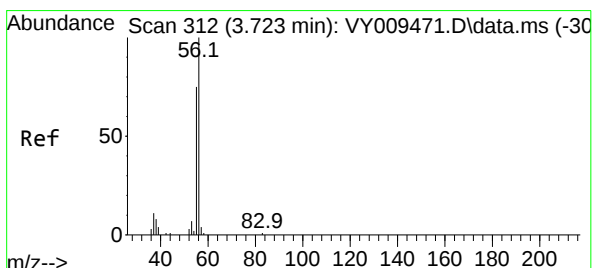
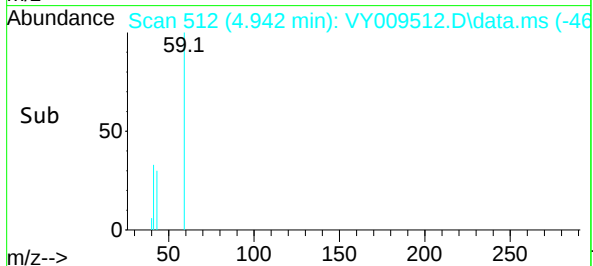
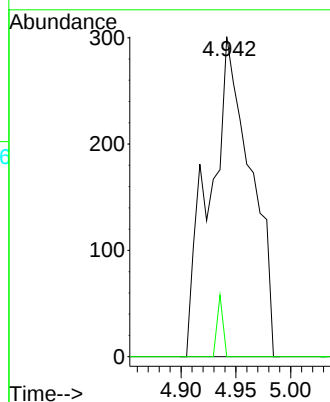


Tgt Ion: 59 Resp: 788

Ion Ratio Lower Upper

59 100

57 2.7 6.4 9.6#



#13

Acrolein

Concen: 30.476 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY009512.D

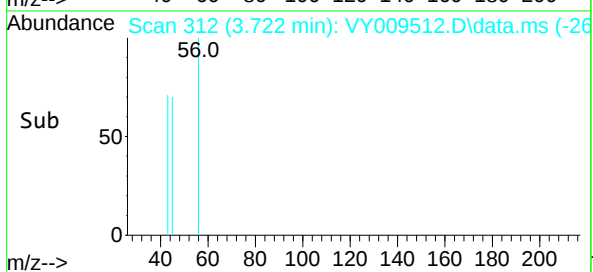
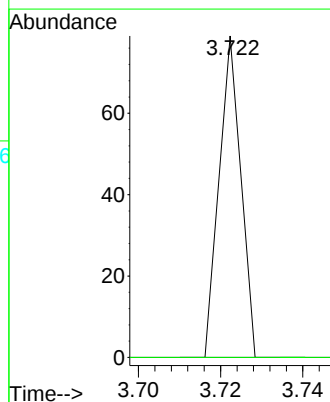
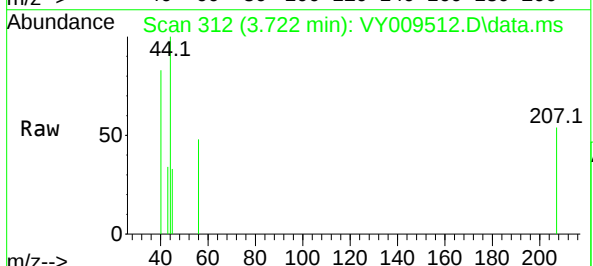
Acq: 11 Jul 2022 15:56

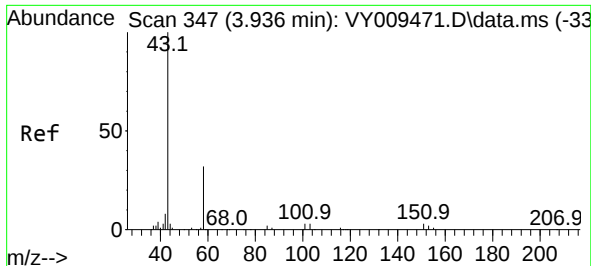
Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

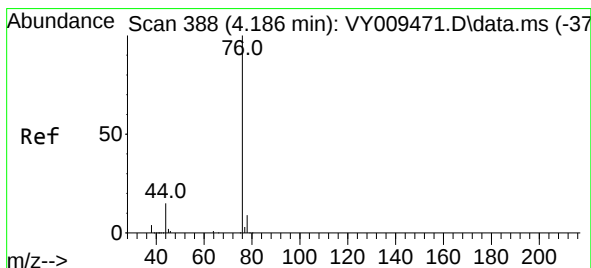
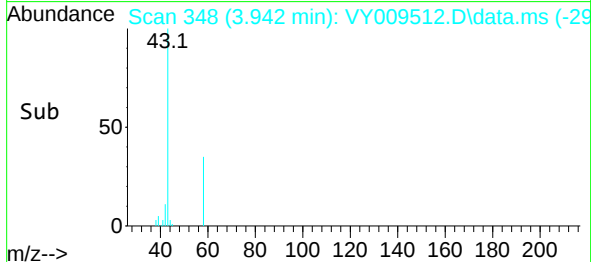
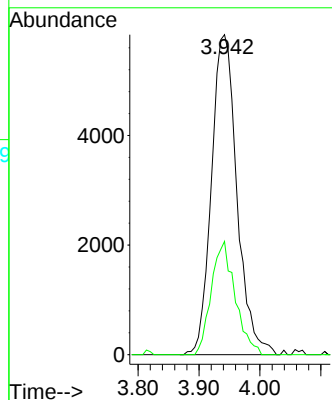
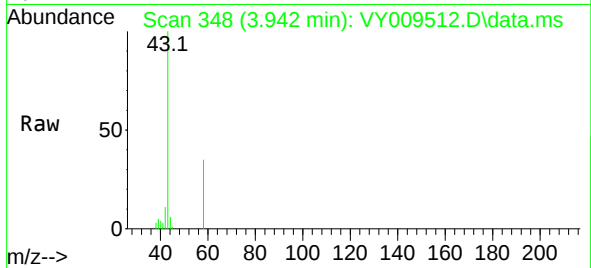




#16
Acetone
Concen: 51.656 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

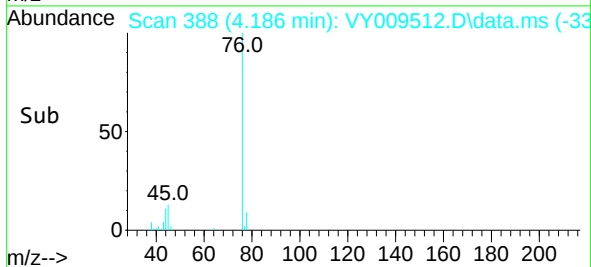
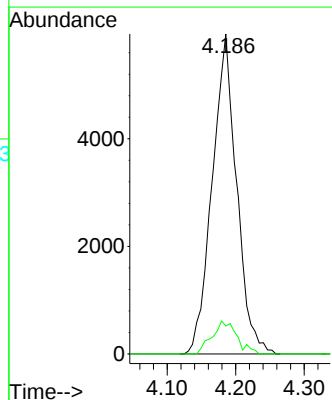
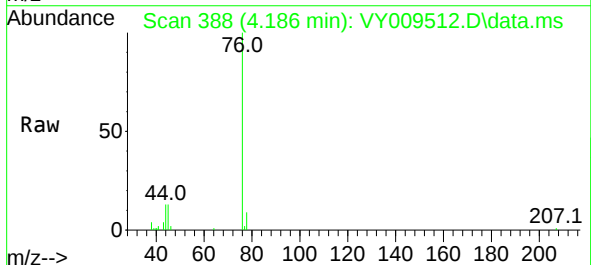
Instrument :
MSVOA_Y
ClientSampleId :

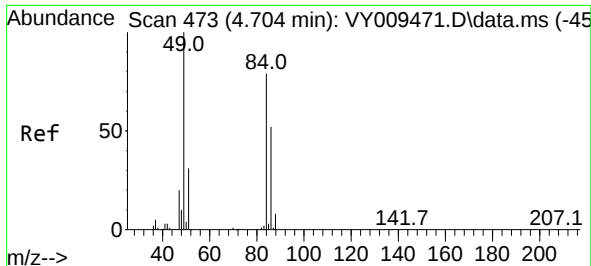
Tgt Ion: 43 Resp: 17009
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#



#17
Carbon Disulfide
Concen: 8.066 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 76 Resp: 14713
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

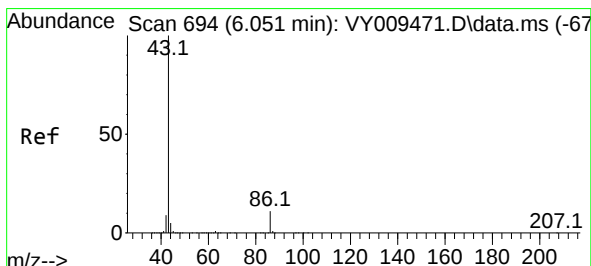
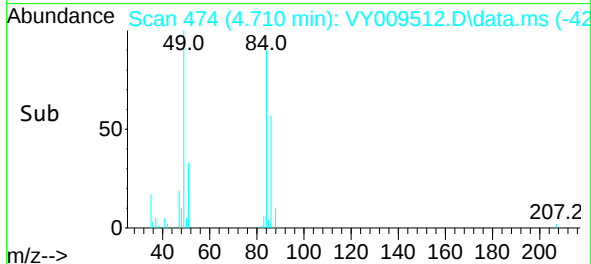
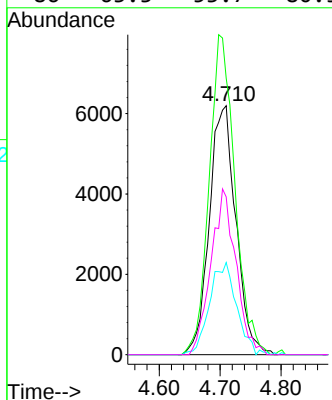
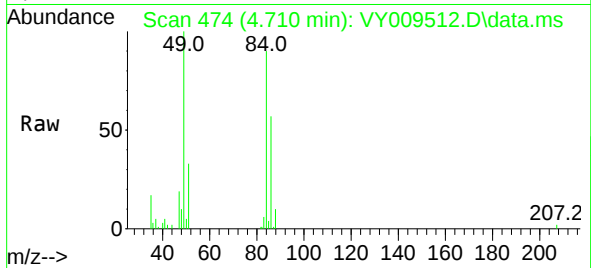




#20
Methylene Chloride
Concen: 8.094 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

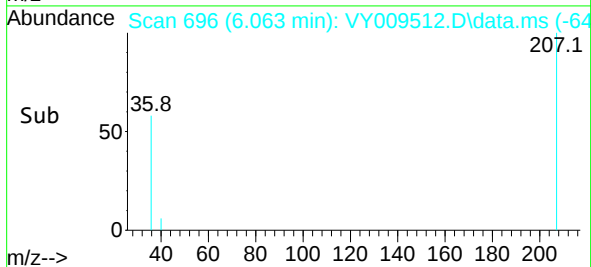
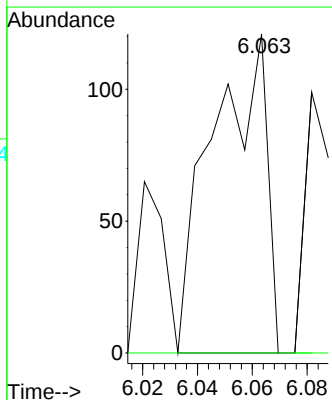
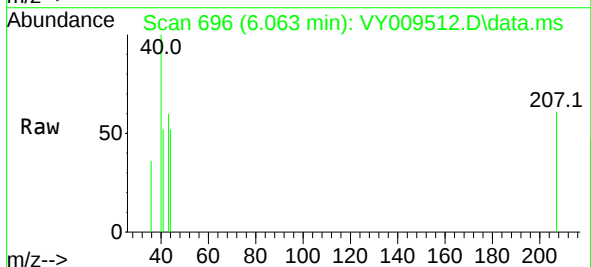
Instrument :
MSVOA_Y
ClientSampleId :

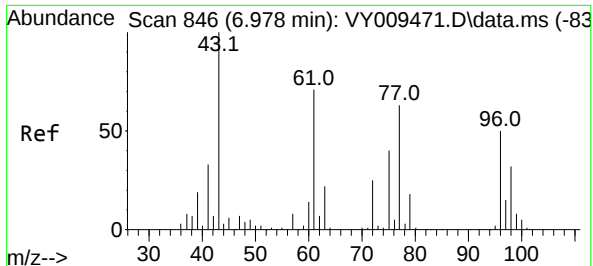
Tgt Ion: 84 Resp: 18794
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 37.0 35.3 52.9
86 63.3 53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.063 min Scan# 696
Delta R.T. 0.012 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 10.649 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

Instrument :

MSVOA_Y

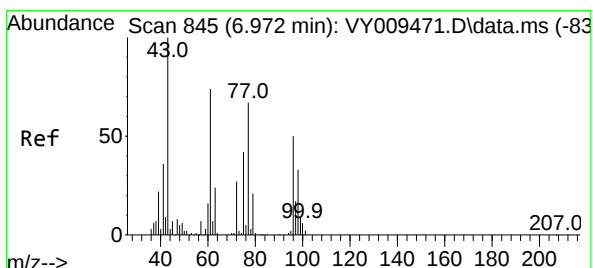
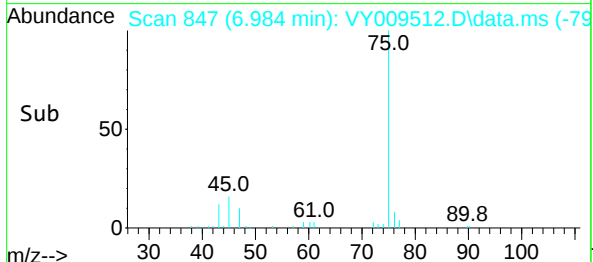
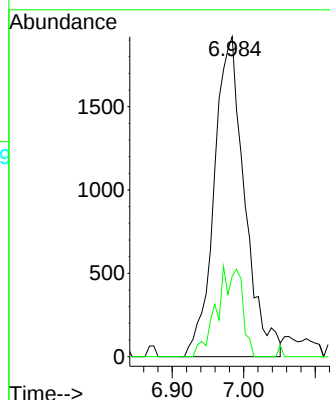
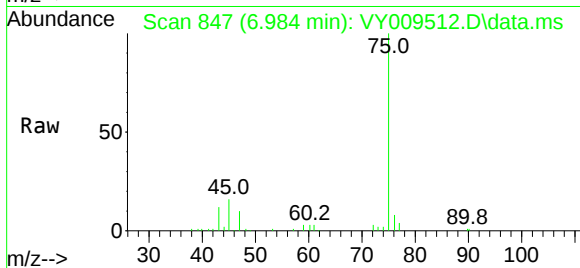
ClientSampleId :

Tgt Ion: 43 Resp: 5672

Ion Ratio Lower Upper

43 100

72 25.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.204 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009512.D

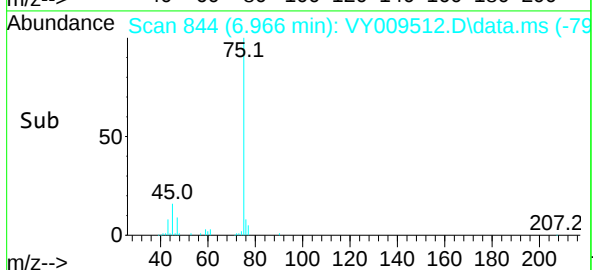
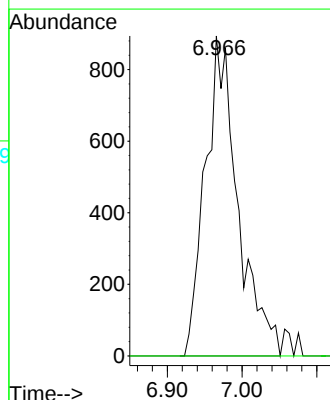
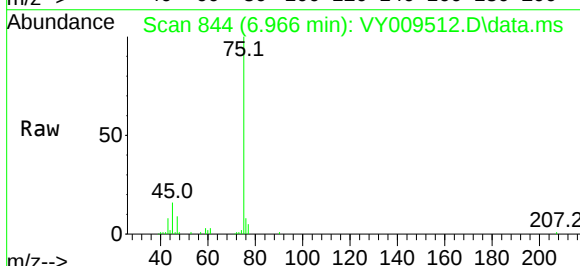
Acq: 11 Jul 2022 15:56

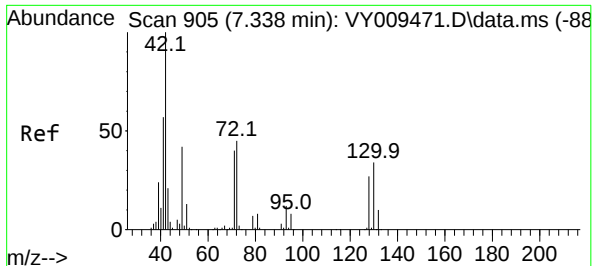
Tgt Ion: 77 Resp: 2711

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#29

Tetrahydrofuran

Concen: 1.106 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.001 min

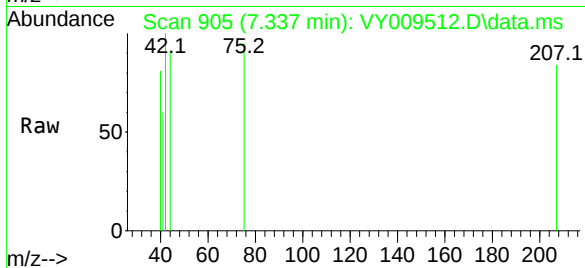
Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :



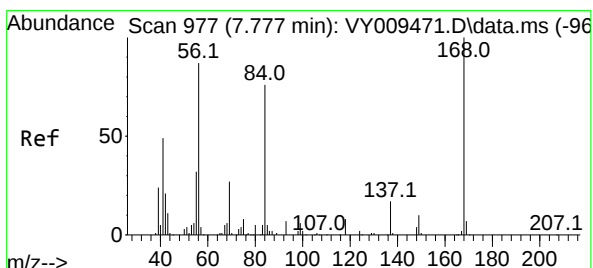
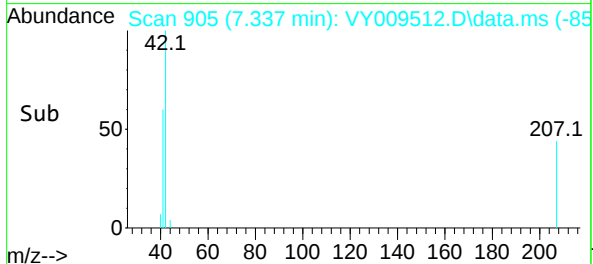
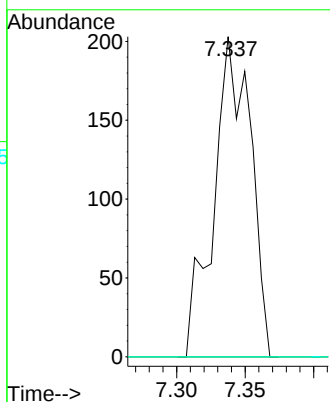
Tgt Ion: 42 Resp: 381

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#31

Cyclohexane

Concen: 1.351 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.001 min

Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

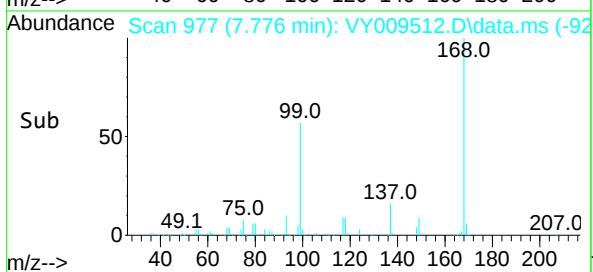
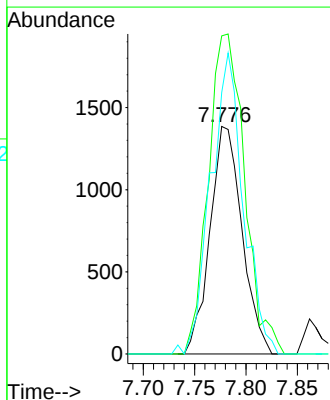
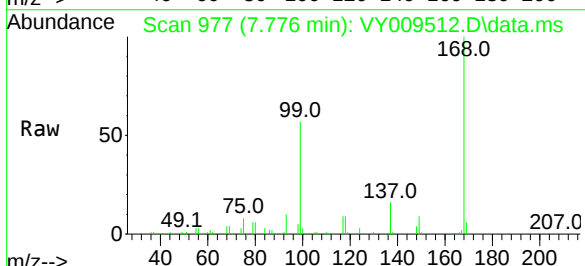
Tgt Ion: 56 Resp: 3001

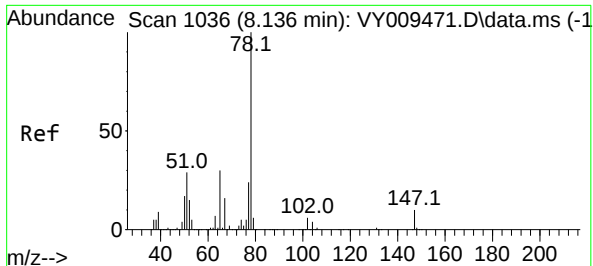
Ion Ratio Lower Upper

56 100

69 139.8 26.7 40.1#

84 114.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.663 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

Instrument :

MSVOA_Y

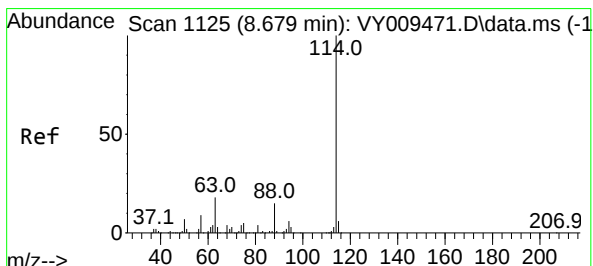
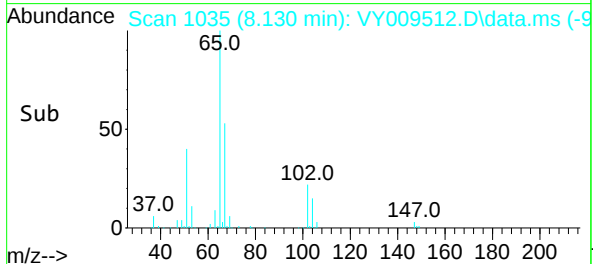
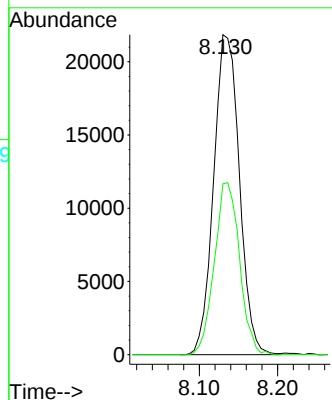
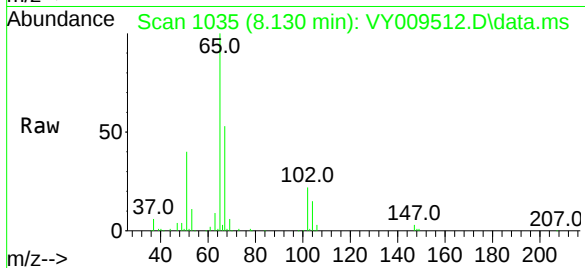
ClientSampleId :

Tgt Ion: 65 Resp: 49883

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009512.D

Acq: 11 Jul 2022 15:56

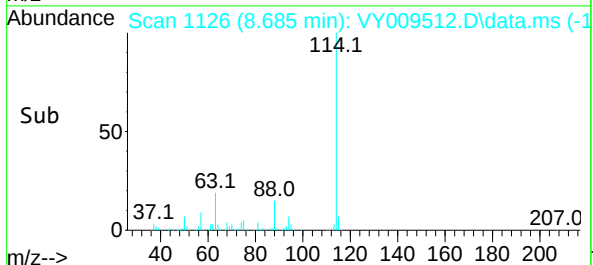
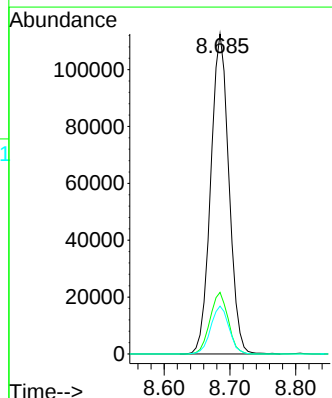
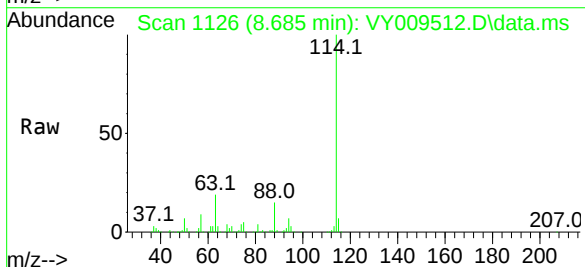
Tgt Ion: 114 Resp: 216183

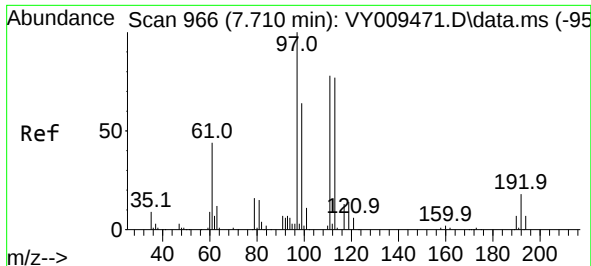
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.9 0.0 31.8

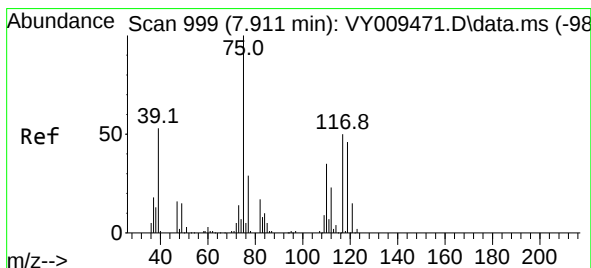
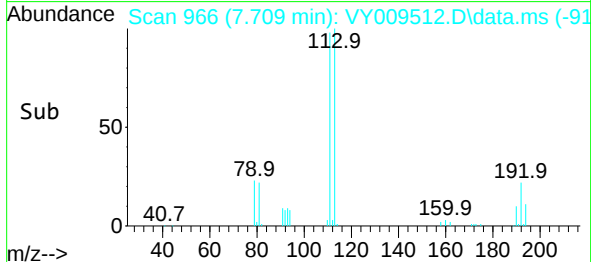
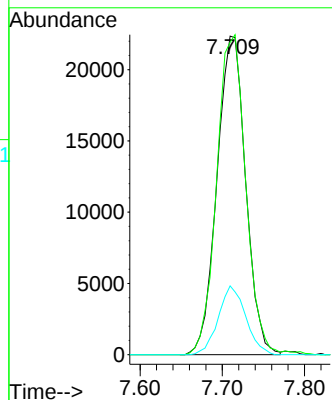
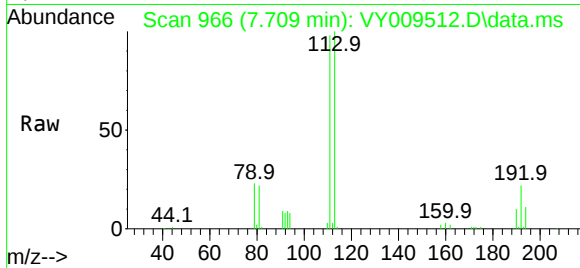




#35
Dibromofluoromethane
Concen: 47.702 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

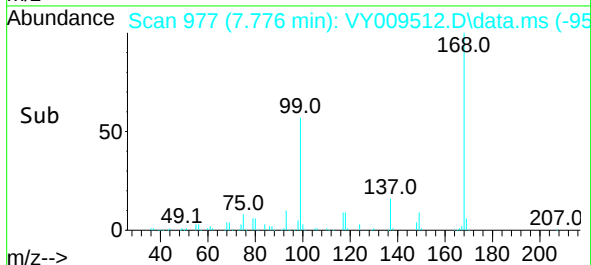
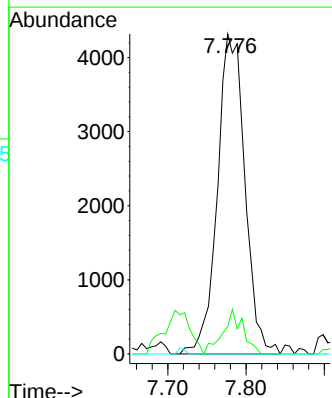
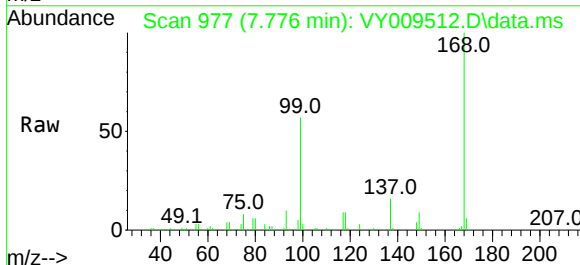
Instrument :
MSVOA_Y
ClientSampleId :

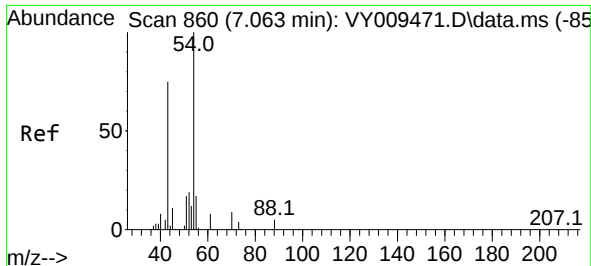
Tgt Ion:113 Resp: 54260
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.683 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.135 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

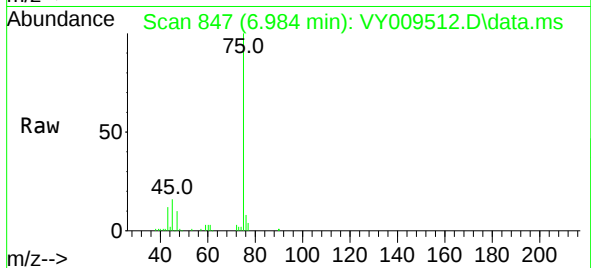
Tgt Ion: 75 Resp: 10524
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



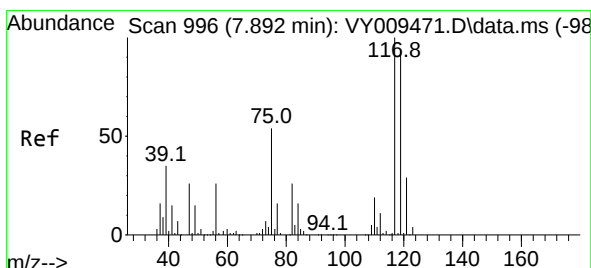
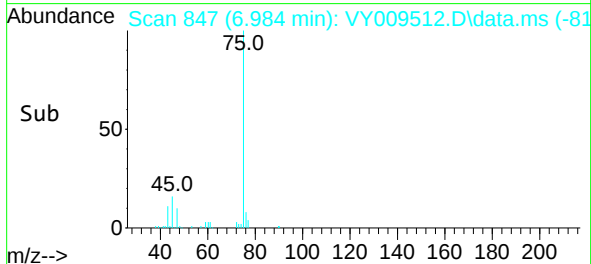
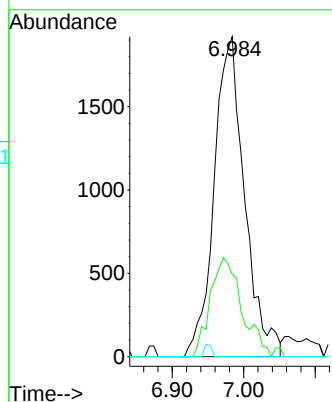


#37
Ethyl Acetate
Concen: 4.886 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

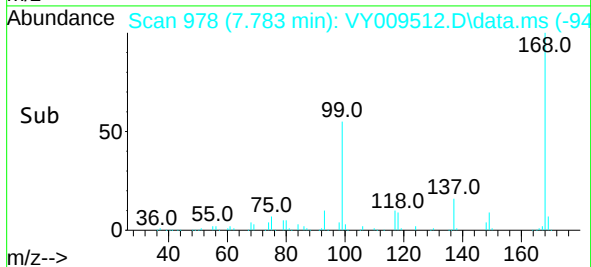
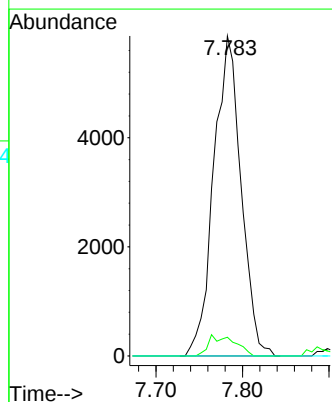
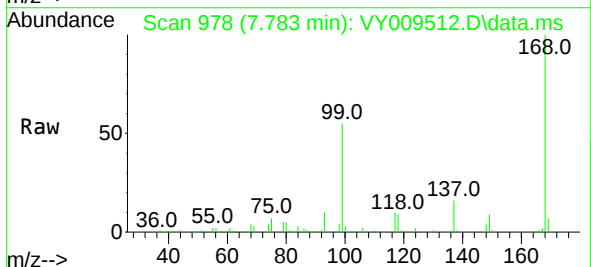


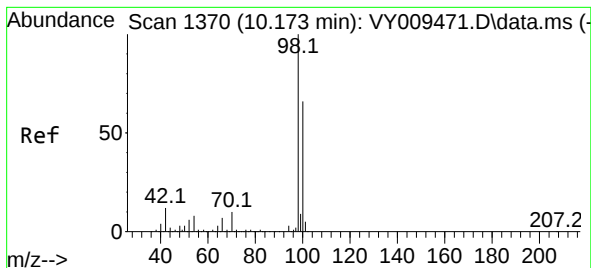
Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
61 32.2 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 117 Resp: 12861
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

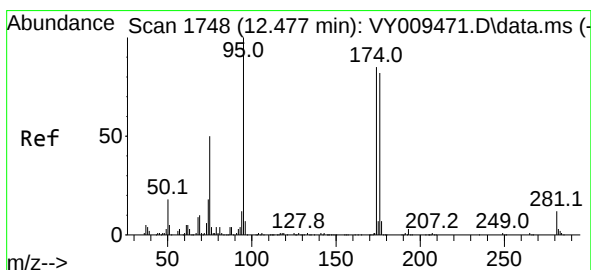
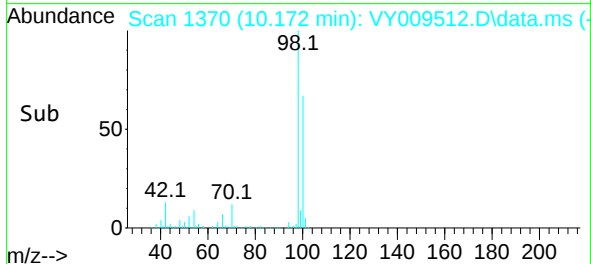
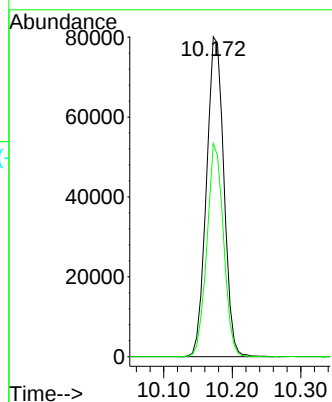
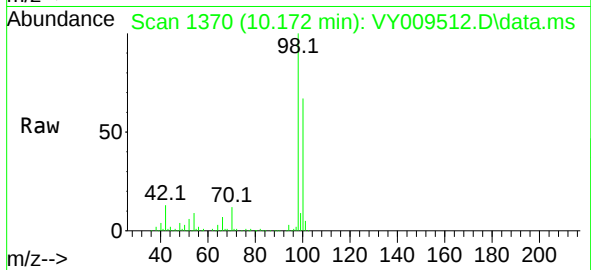




#50
Toluene-d8
Concen: 44.419 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

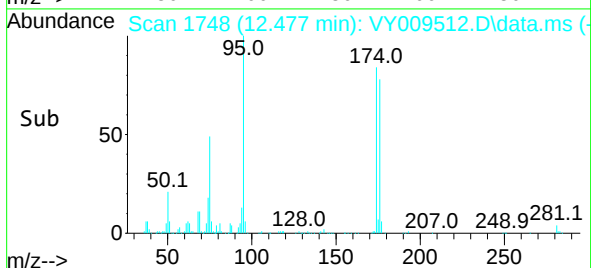
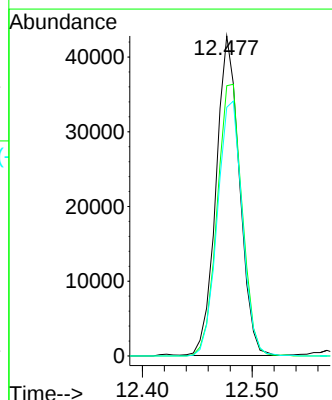
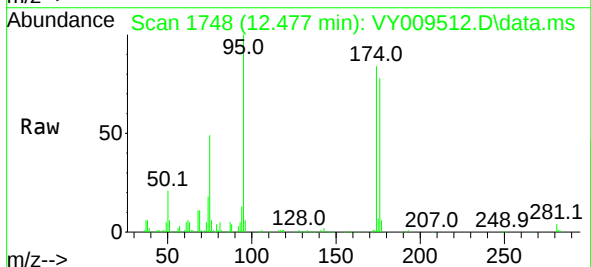
Instrument :
MSVOA_Y
ClientSampleId :

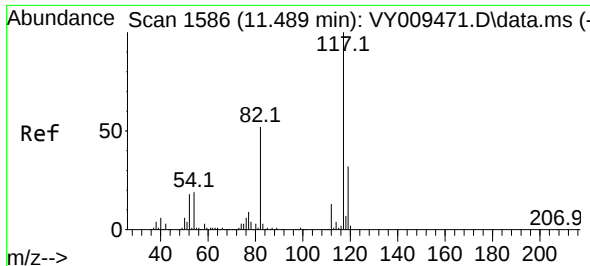
Tgt Ion: 98 Resp: 141359
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.541 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 95 Resp: 63490
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 84.9 0.0 175.8

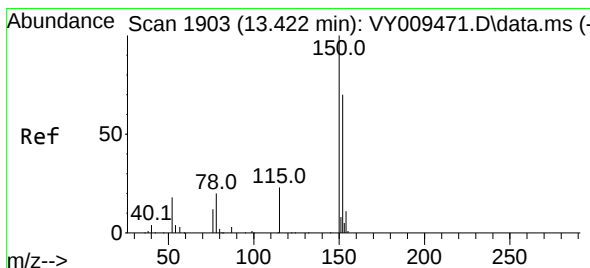
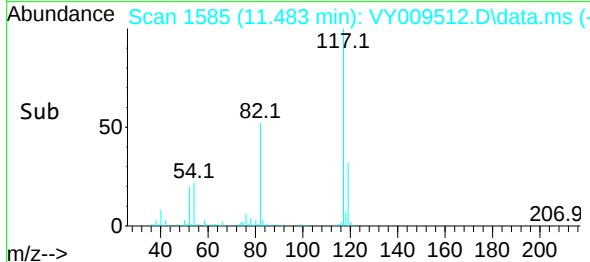
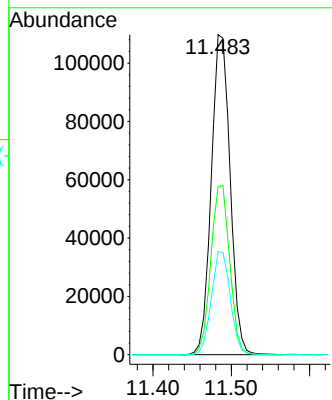
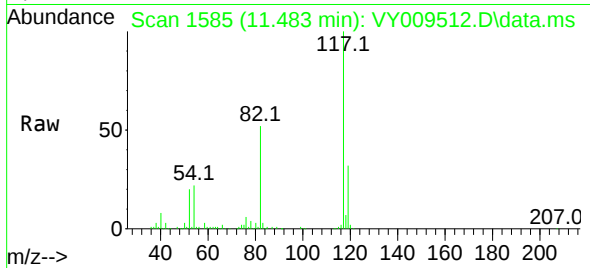




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

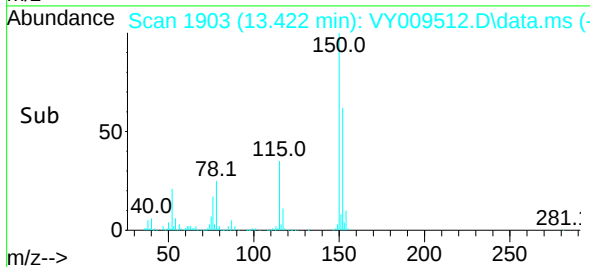
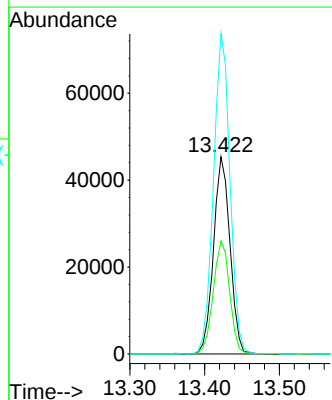
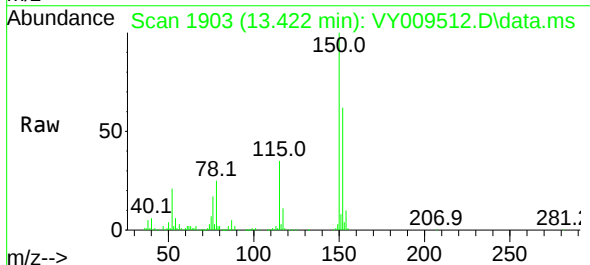
Instrument :
MSVOA_Y
ClientSampleId :

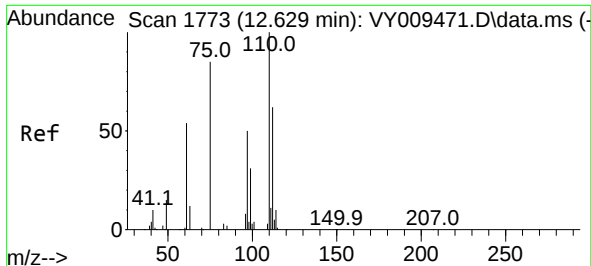
Tgt Ion:117 Resp: 183521
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion:152 Resp: 69546
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 162.0 0.0 347.6

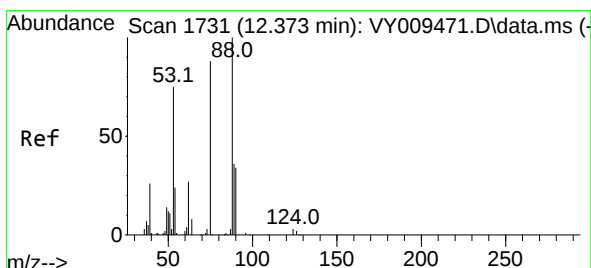
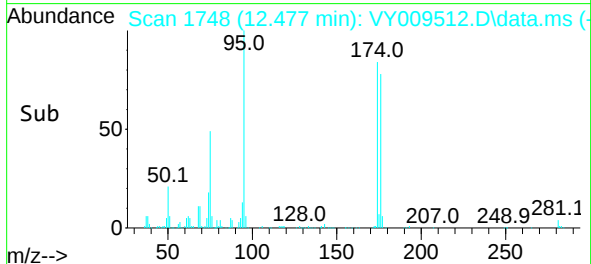
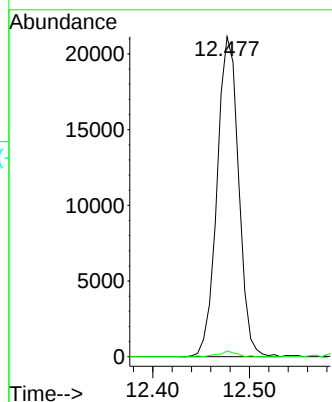
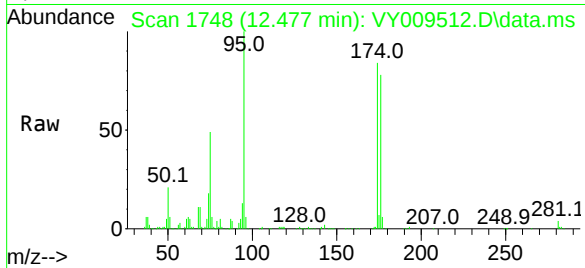




#76
1,2,3-Trichloropropane
Concen: 44.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32729
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 75 Resp: 32729
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

