

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009508.D
 Acq On : 11 Jul 2022 14:25
 Operator : KP/MD
 Sample : N3593-15
 Misc : 6.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:02:55 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)

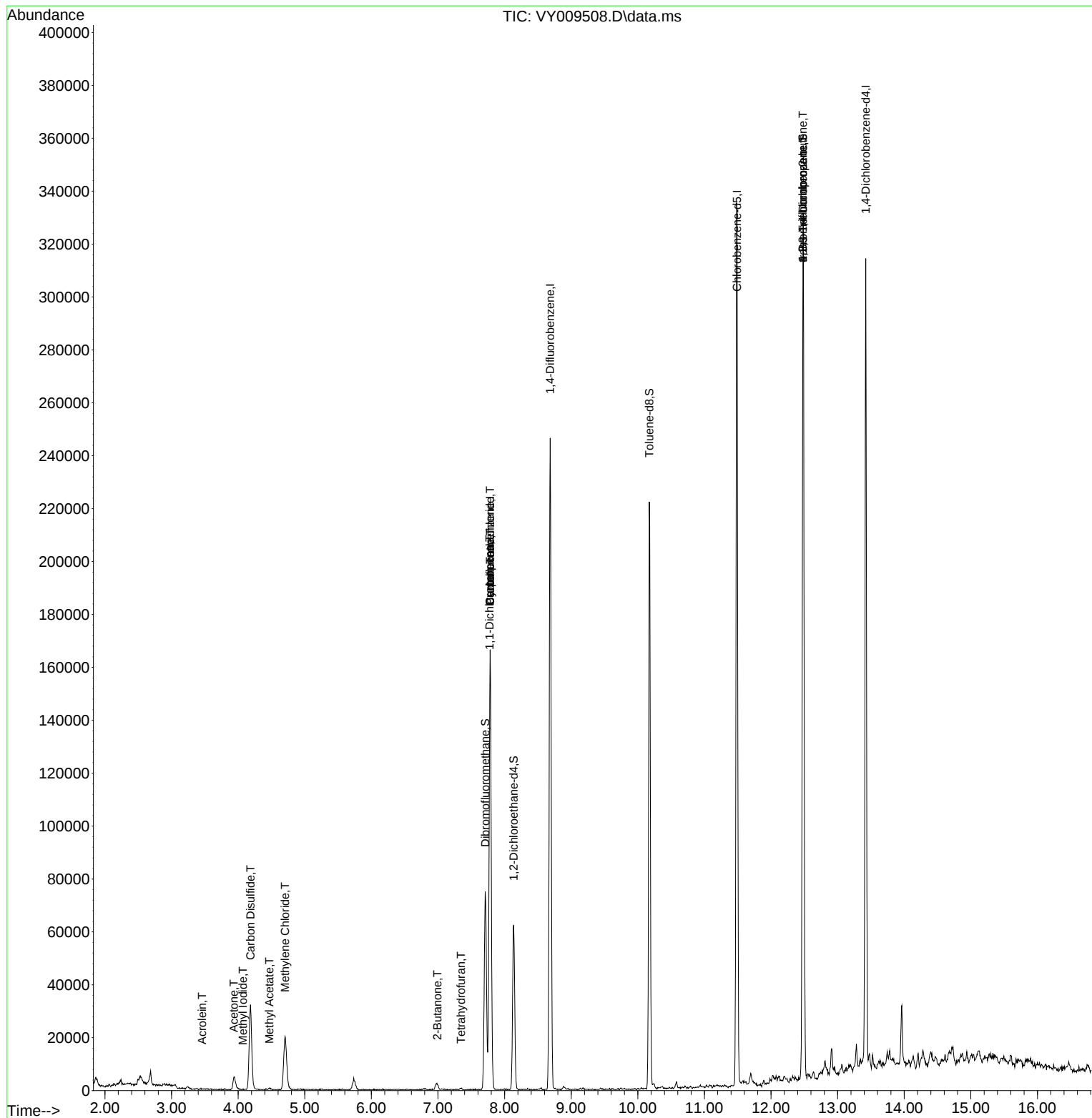
Internal Standards						
1) Pentafluorobenzene	7.783	168	128629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47307	52.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.080%	
35) Dibromofluoromethane	7.710	113	51302	46.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.260%	
50) Toluene-d8	10.173	98	140592	45.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 90.700%	
62) 4-Bromofluorobenzene	12.477	95	65152	41.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 83.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.070	142	72	4.205	ug/l #	35
11) Tert butyl alcohol	4.942	59	176	Below Cal	#	77
13) Acrolein	3.460	56	21	30.419	ug/l #	14
16) Acetone	3.936	43	8734	27.912	ug/l	99
17) Carbon Disulfide	4.186	76	63817	21.058	ug/l	100
18) Methyl Acetate	4.466	43	926	1.008	ug/l #	74
20) Methylene Chloride	4.704	84	14882	5.874	ug/l #	85
23) Vinyl Acetate	6.039	43	25	Below Cal	#	75
25) 2-Butanone	6.990	43	2421	4.783	ug/l #	89
29) Tetrahydrofuran	7.344	42	411	1.255	ug/l #	57
31) Cyclohexane	7.783	56	2701	1.280	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	9532	5.265	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12740	6.579	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	35319	44.080	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35319	90.216	ug/l #	9

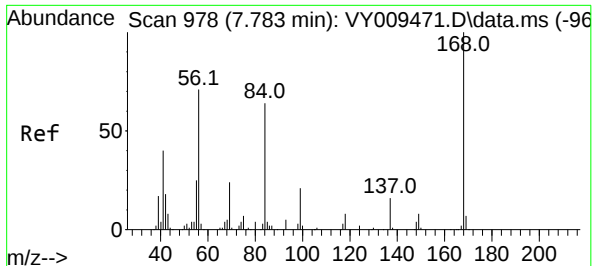
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
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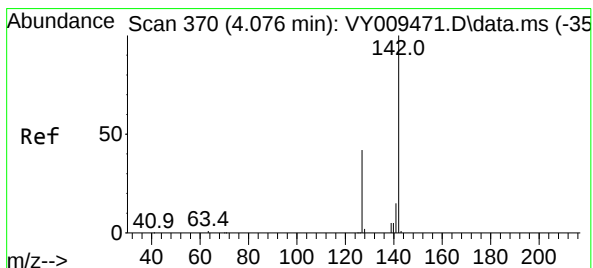
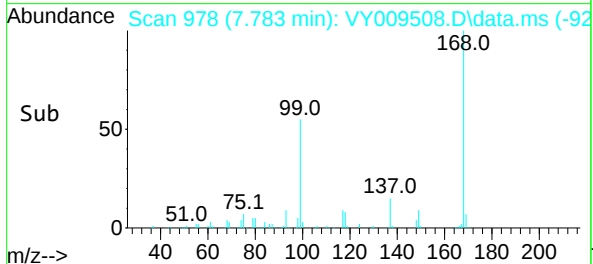
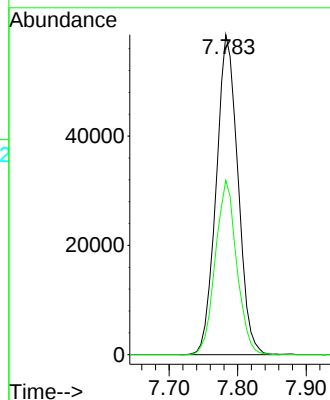
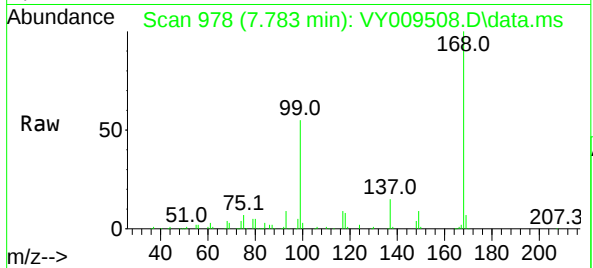




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

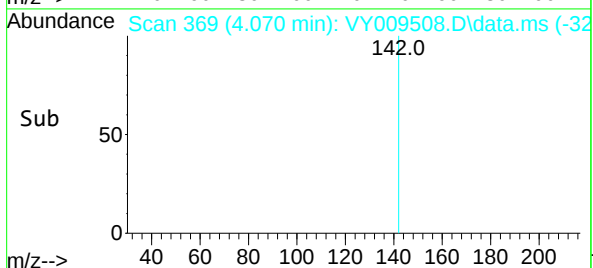
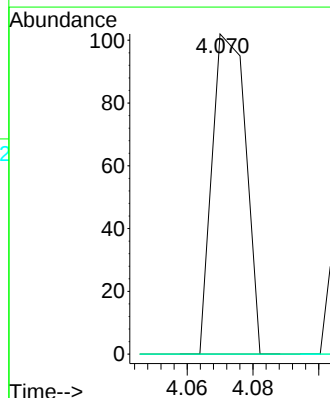
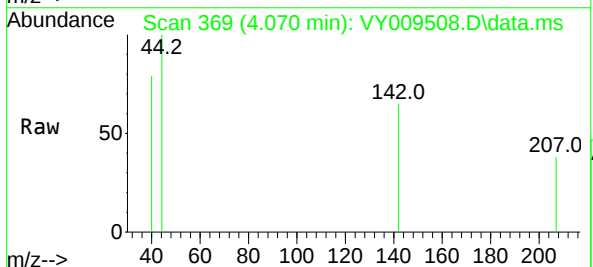
Instrument :
MSVOA_Y
ClientSampleId :

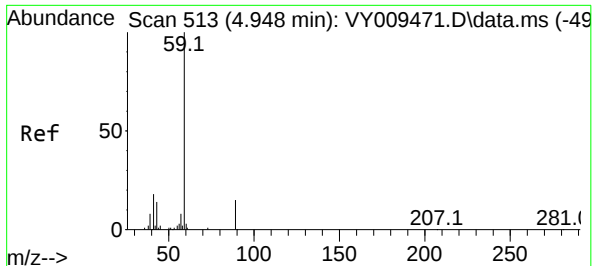
Tgt Ion:168 Resp: 128629
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#10
Methyl Iodide
Concen: 4.205 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 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: VY009508.D

Acq: 11 Jul 2022 14:25

Instrument :

MSVOA_Y

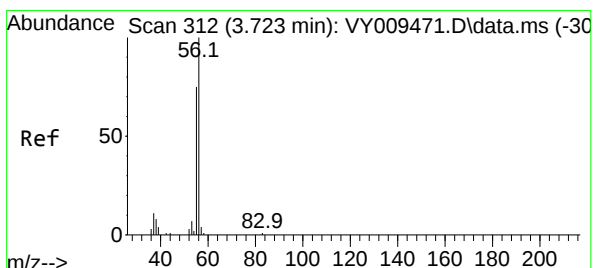
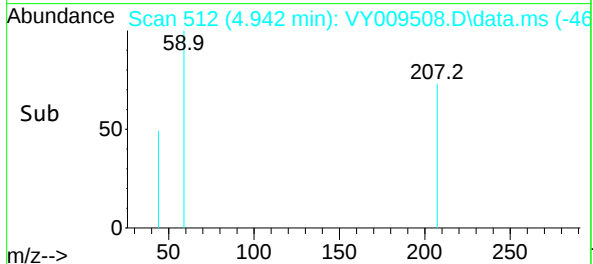
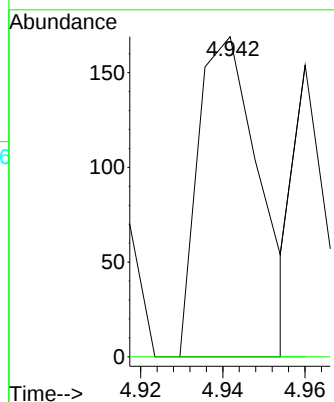
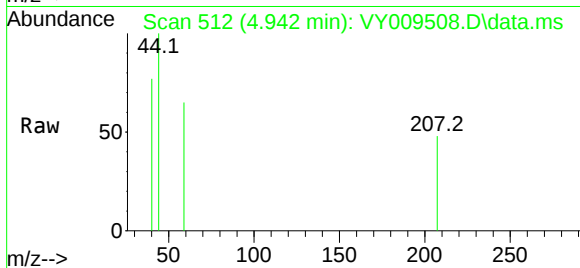
ClientSampleId :

Tgt Ion: 59 Resp: 176

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 30.419 ug/l

RT: 3.460 min Scan# 269

Delta R.T. -0.263 min

Lab File: VY009508.D

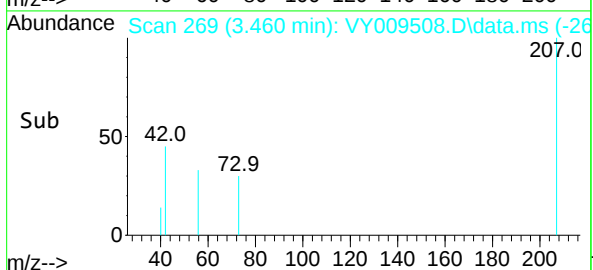
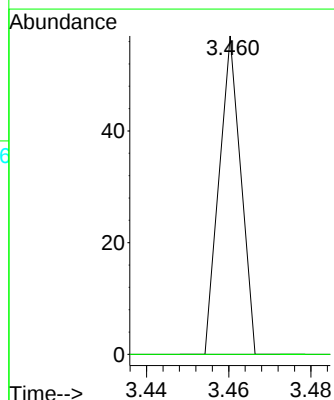
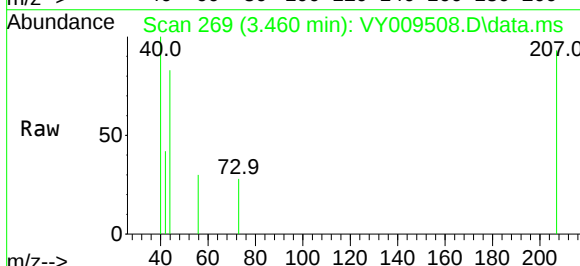
Acq: 11 Jul 2022 14:25

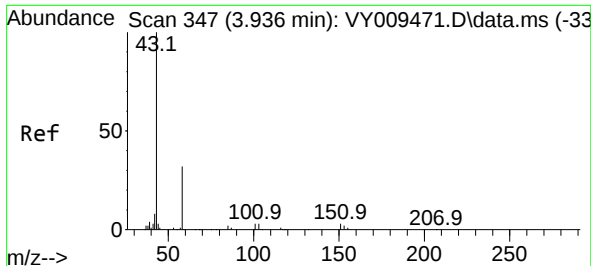
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

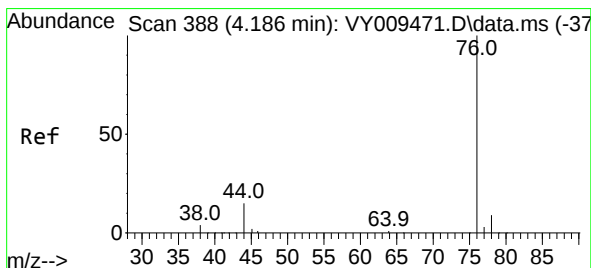
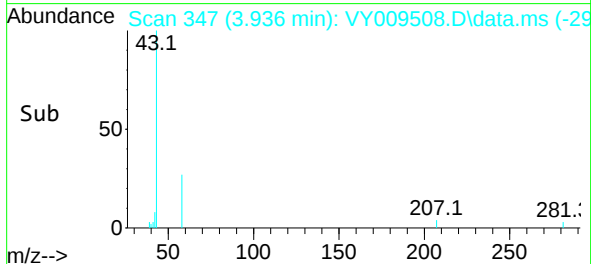
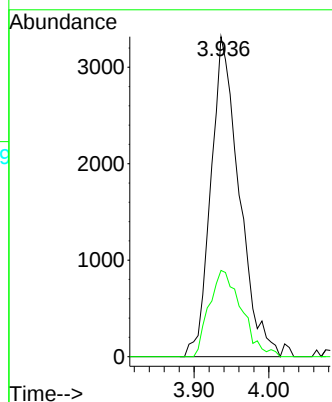
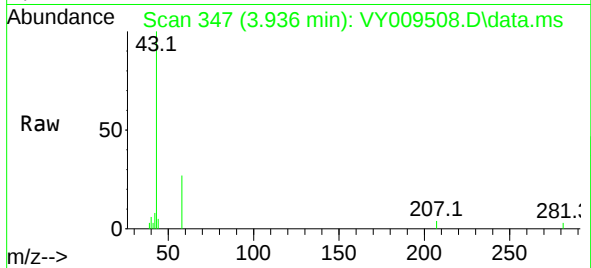




#16
Acetone
Concen: 27.912 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

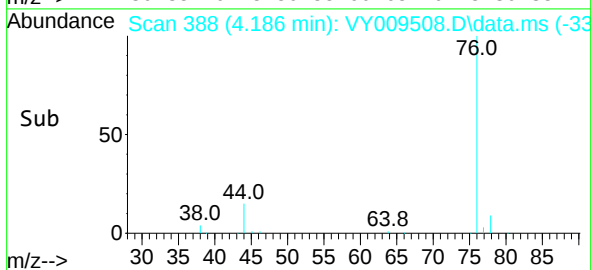
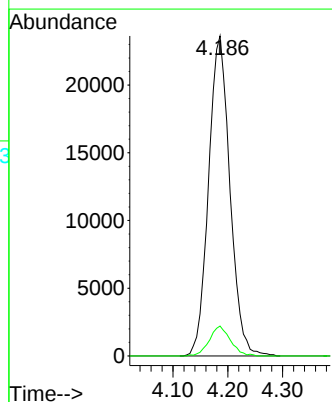
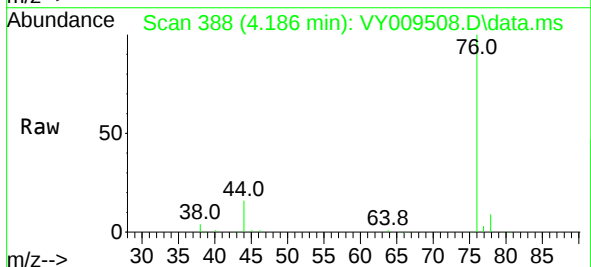
Instrument :
MSVOA_Y
ClientSampleId :

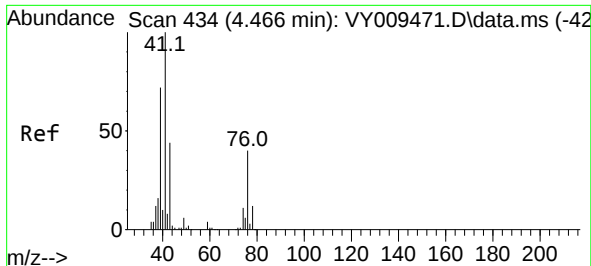
Tgt Ion: 43 Resp: 8734
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0



#17
Carbon Disulfide
Concen: 21.058 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

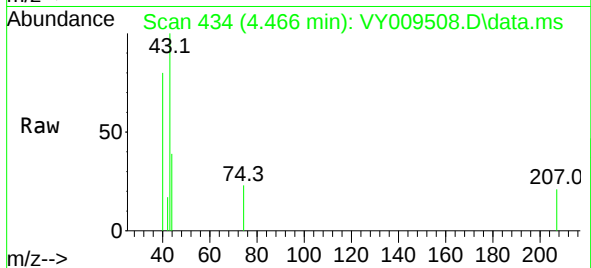
Tgt Ion: 76 Resp: 63817
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



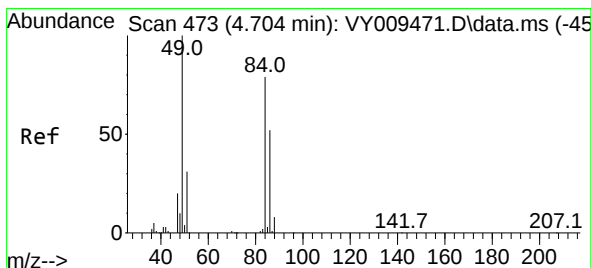
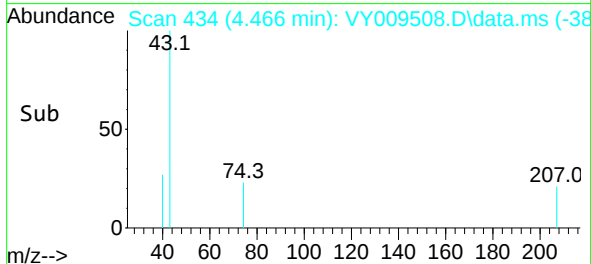
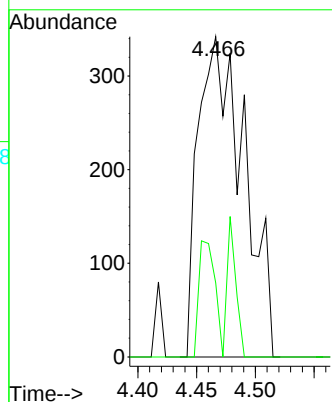


#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :

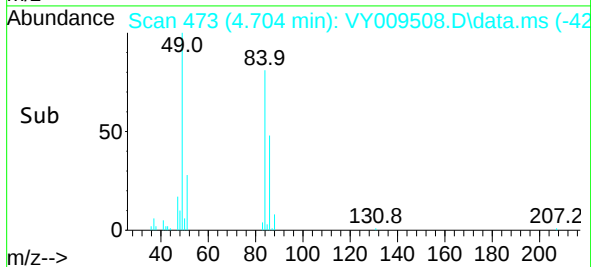
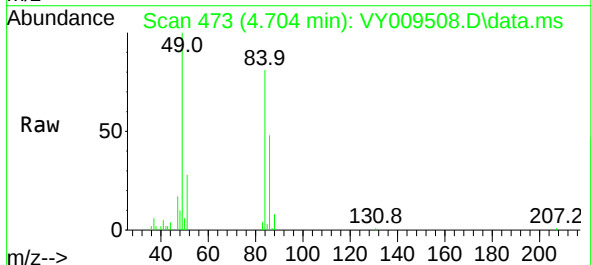
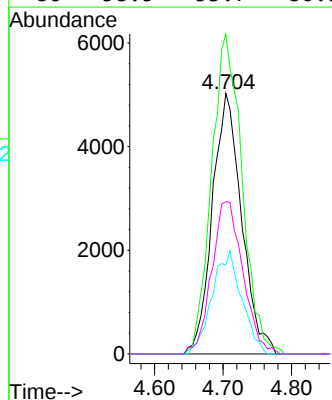


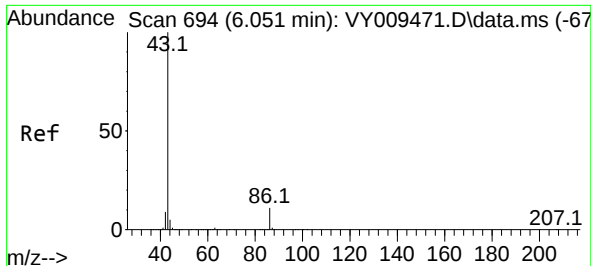
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
74 8.4 16.6 24.8#



#20
Methylene Chloride
Concen: 5.874 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

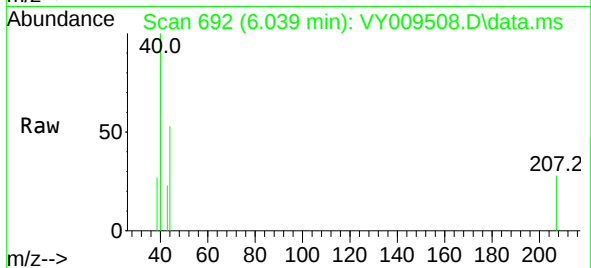
Tgt Ion: 84 Resp: 14882
Ion Ratio Lower Upper
84 100
49 122.8 114.4 171.6
51 34.1 35.3 52.9#
86 58.5 53.7 80.5



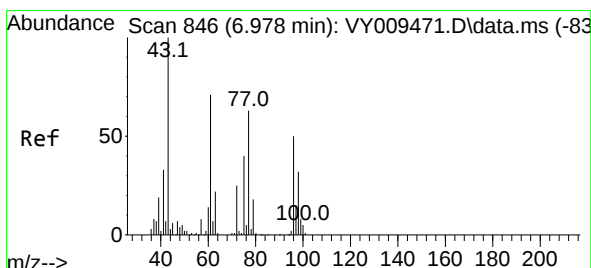
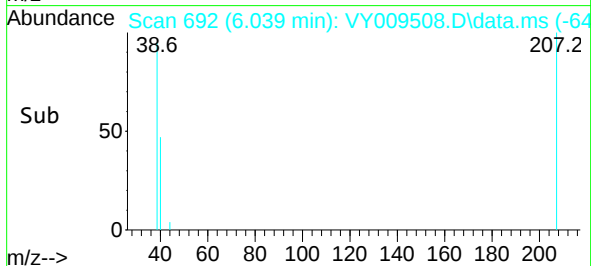
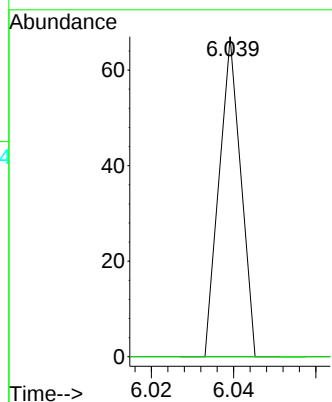


#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.039 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :

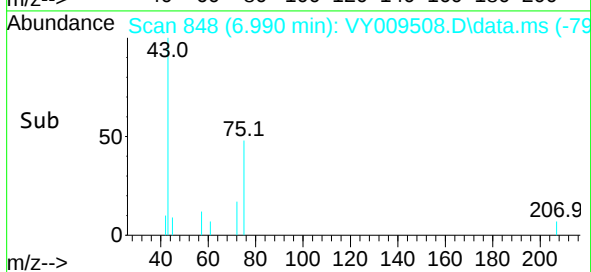
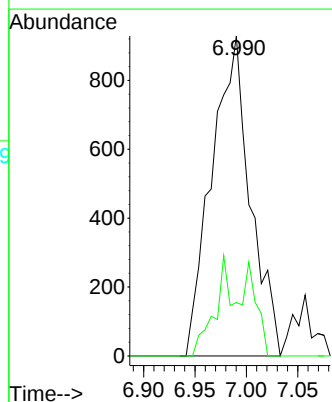
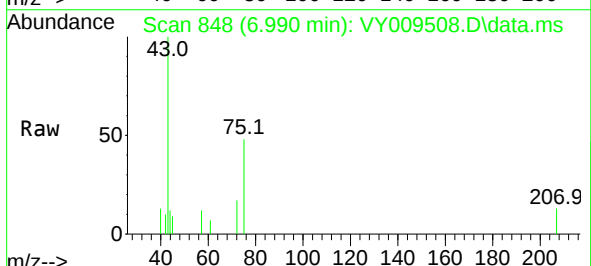


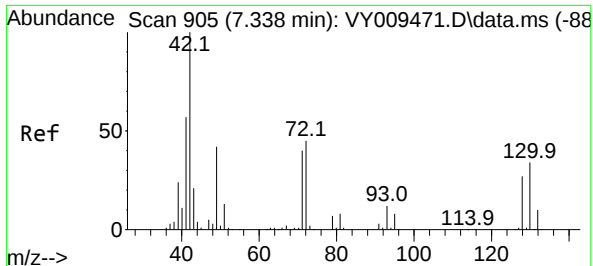
Tgt Ion: 43 Resp: 25
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 4.783 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

Tgt Ion: 43 Resp: 2421
 Ion Ratio Lower Upper
 43 100
 72 16.7 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.255 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009508.D

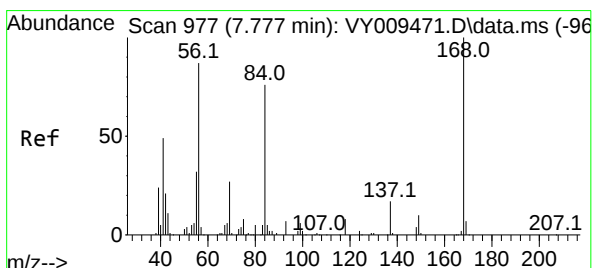
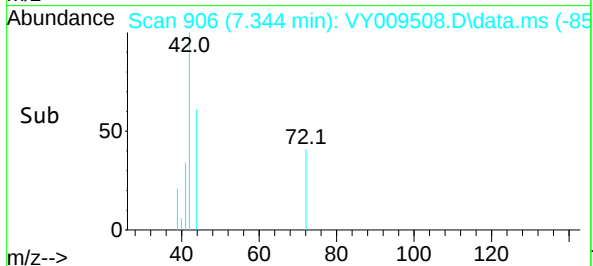
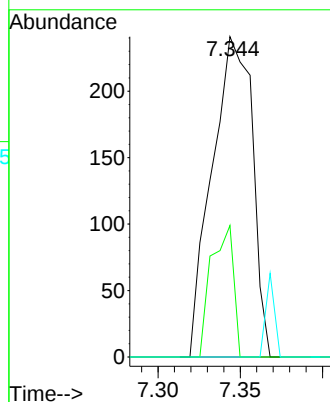
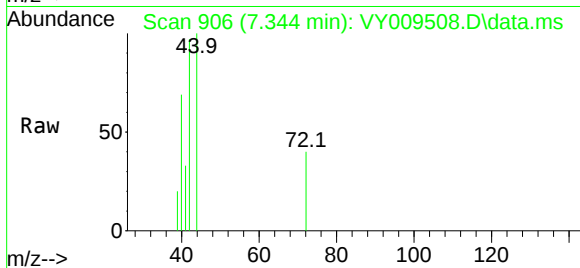
Acq: 11 Jul 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 411
Ion Ratio	Lower Upper
42	100
72	22.6 30.3 45.5#
71	0.0 29.0 43.4#



#31

Cyclohexane

Concen: 1.280 ug/l

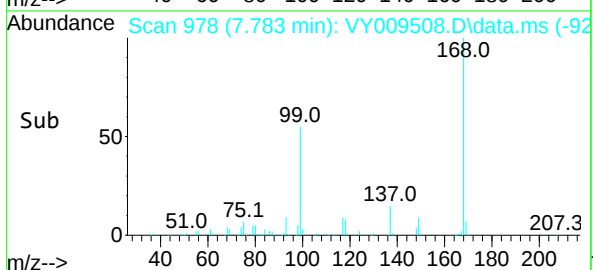
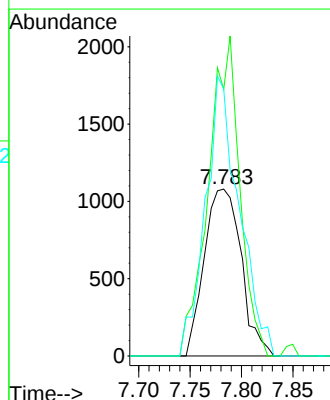
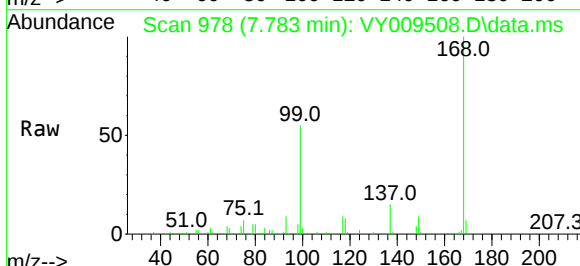
RT: 7.783 min Scan# 978

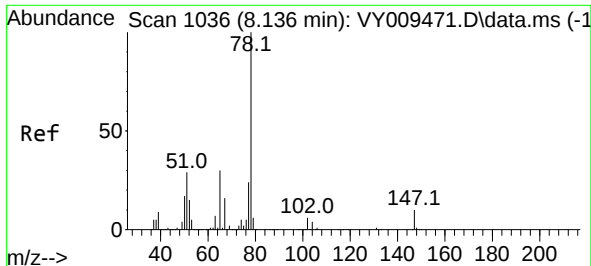
Delta R.T. 0.006 min

Lab File: VY009508.D

Acq: 11 Jul 2022 14:25

Tgt Ion: 56	Resp: 2701
Ion Ratio	Lower Upper
56	100
69	159.6 26.7 40.1#
84	159.9 67.2 100.8#

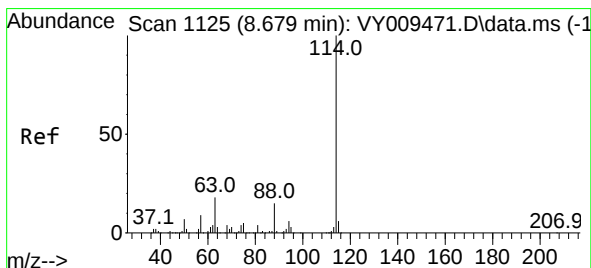
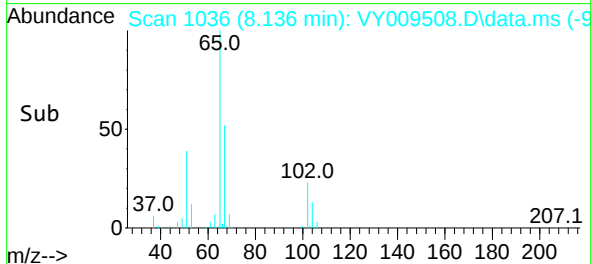
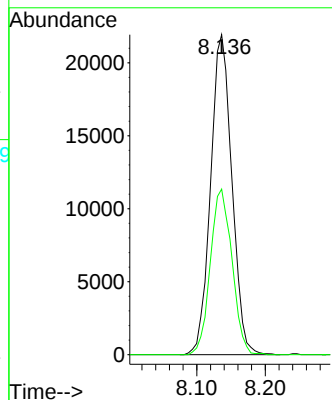
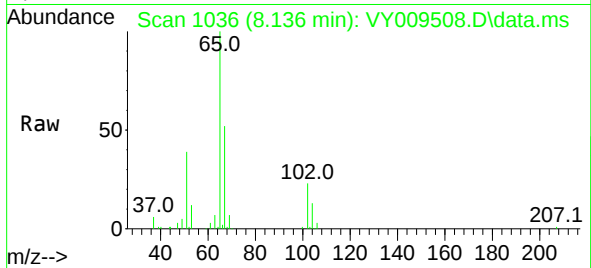




#33
 1,2-Dichloroethane-d4
 Concen: 52.539 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

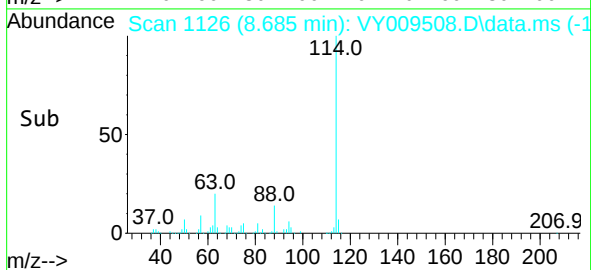
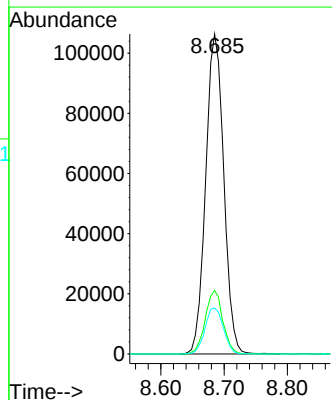
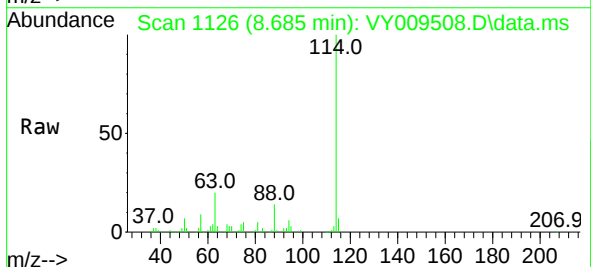
Instrument :
 MSVOA_Y
 ClientSampleId :

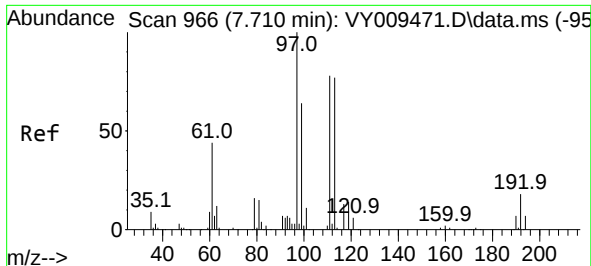
Tgt Ion: 65 Resp: 47307
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

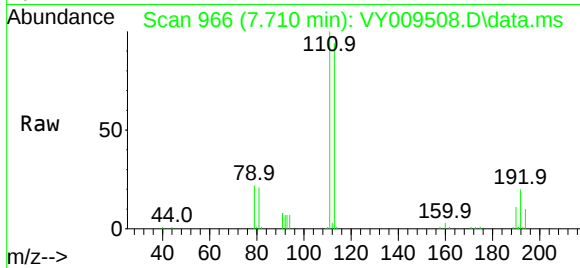
Tgt Ion: 114 Resp: 211358
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.2
 88 14.3 0.0 31.8



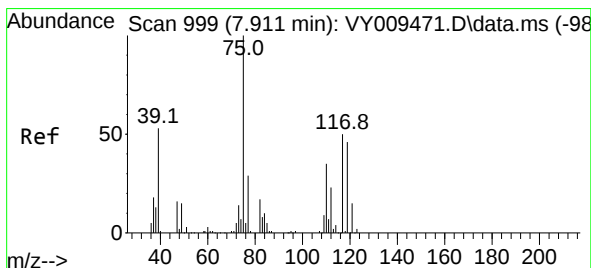
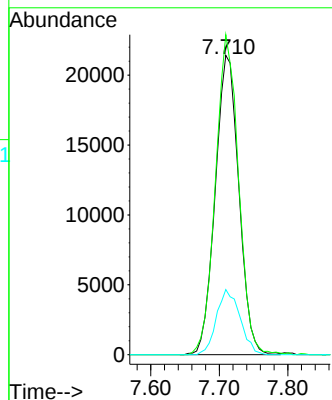
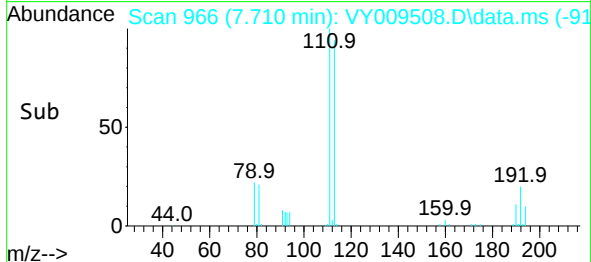


#35
 Dibromofluoromethane
 Concen: 46.131 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :

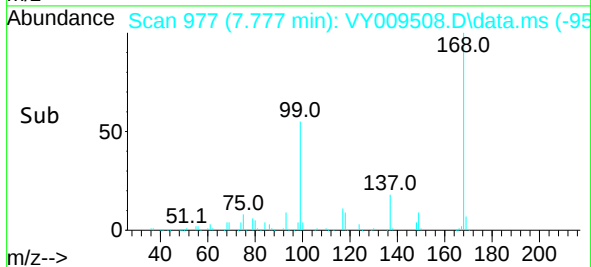
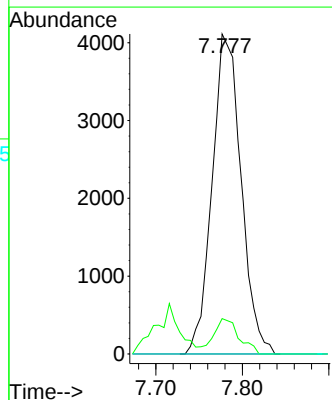
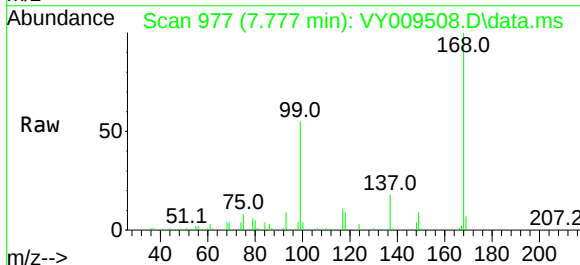


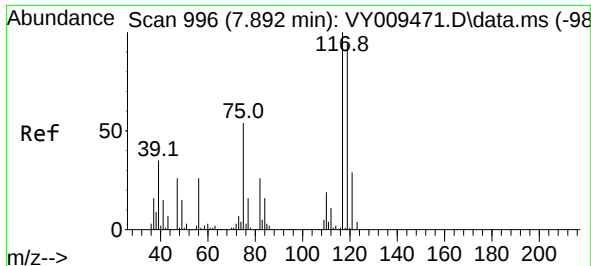
Tgt Ion:113 Resp: 51302
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.6 124.0
 192 21.6 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 5.265 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

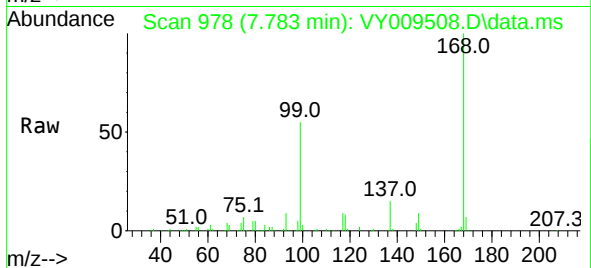
Tgt Ion: 75 Resp: 9532
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.1 51.2#
 77 0.0 24.4 36.6#



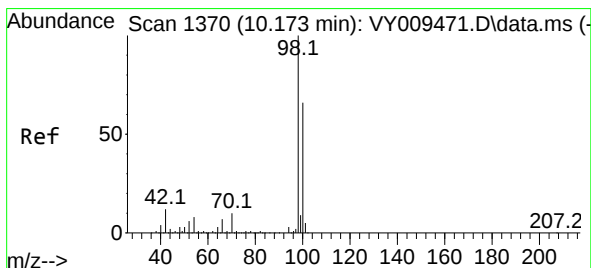
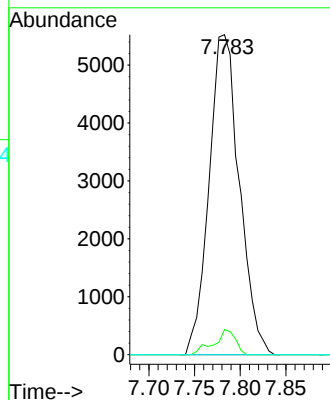
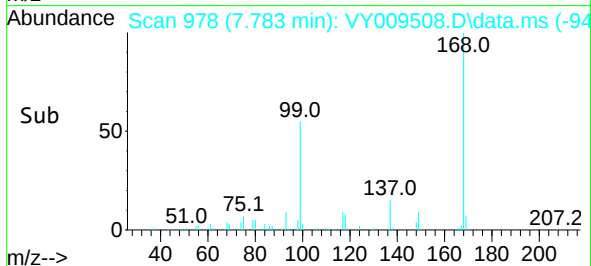


#38
Carbon Tetrachloride
Concen: 6.579 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :

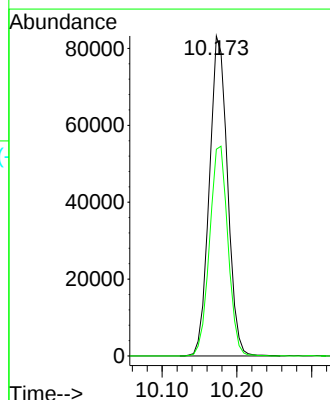
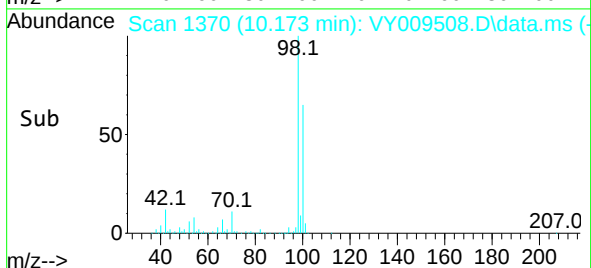
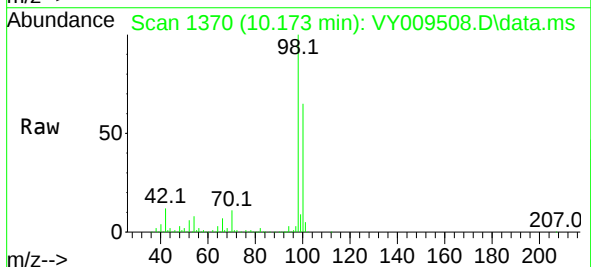


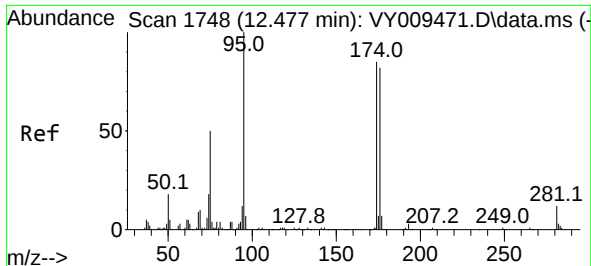
Tgt Ion:117 Resp: 12740
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.355 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

Tgt Ion: 98 Resp: 140592
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2

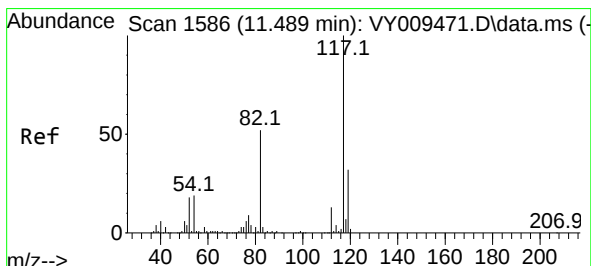
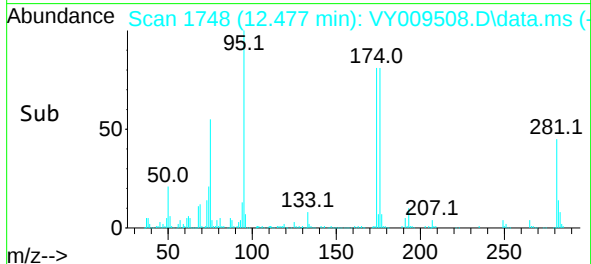
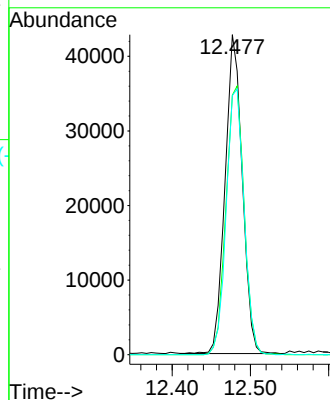
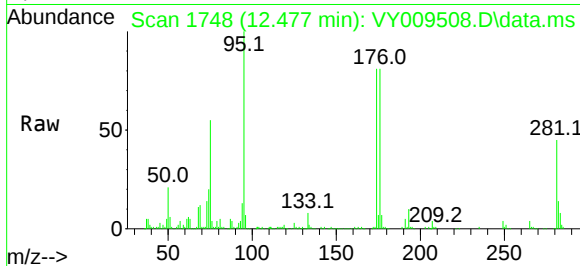




#62
4-Bromofluorobenzene
Concen: 41.503 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

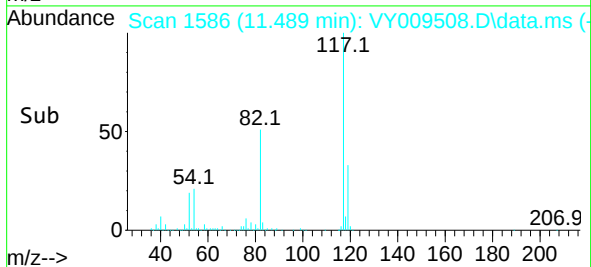
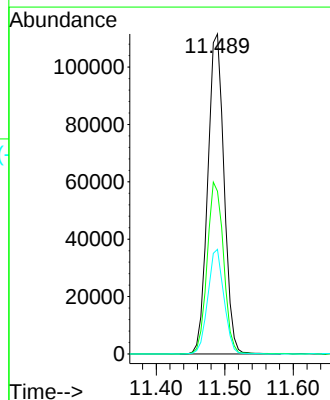
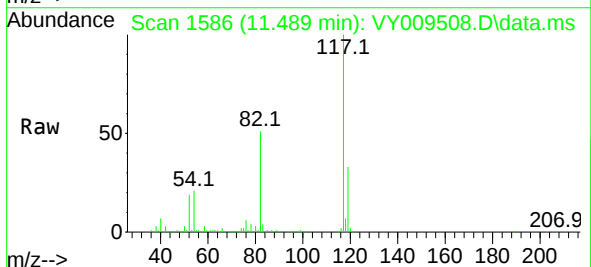
Instrument :
MSVOA_Y
ClientSampleId :

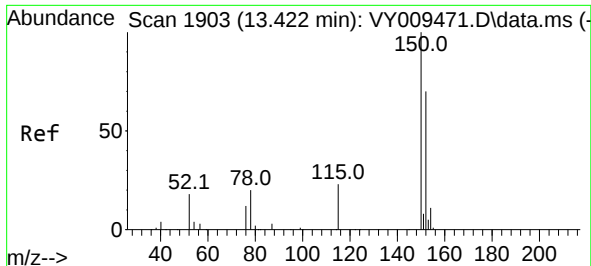
Tgt Ion: 95 Resp: 65152
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009508.D
Acq: 11 Jul 2022 14:25

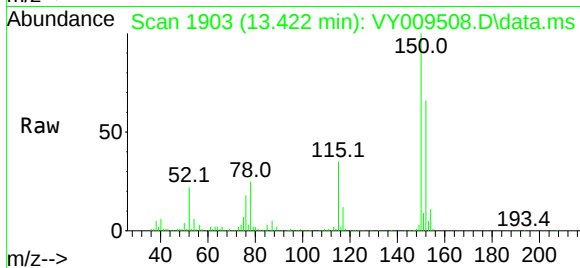
Tgt Ion: 117 Resp: 184475
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.7 25.4 38.0



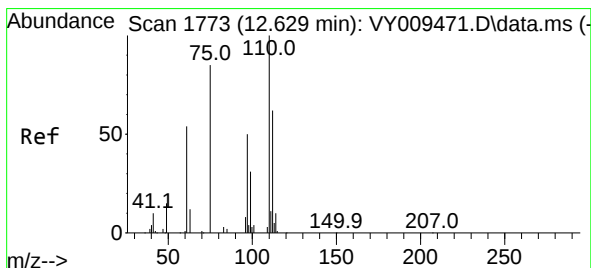
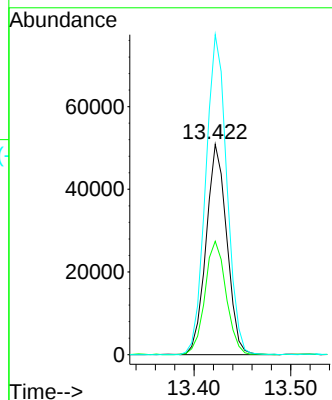
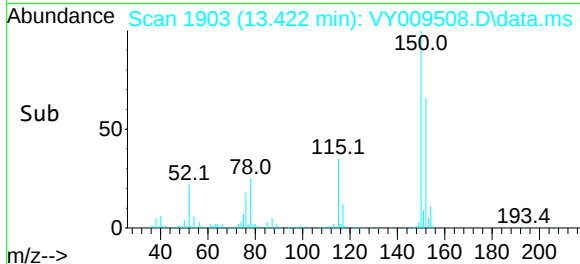


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :

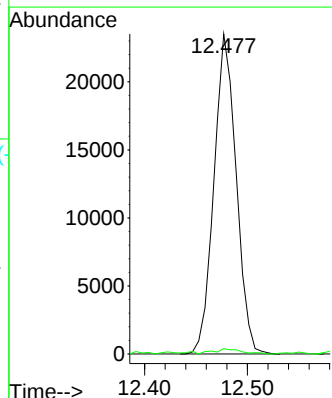
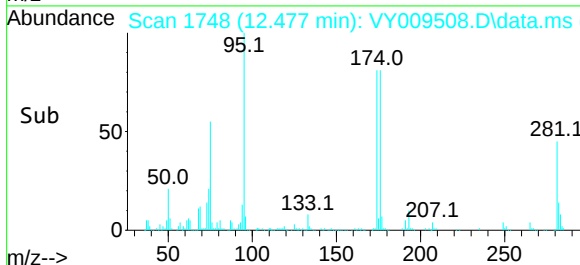
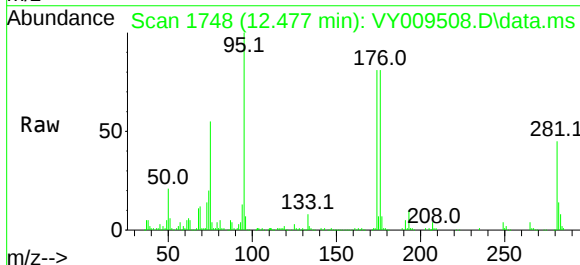


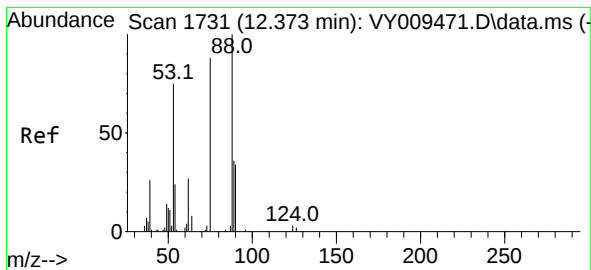
Tgt Ion:152 Resp: 75691
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 155.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.080 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

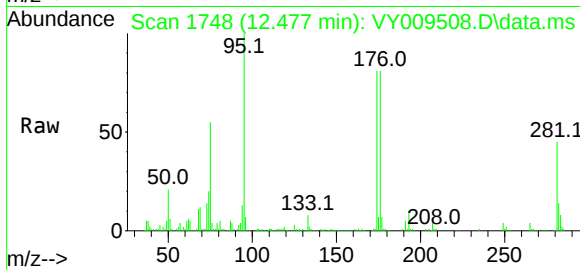
Tgt Ion: 75 Resp: 35319
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.216 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009508.D
 Acq: 11 Jul 2022 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35319
 Ion Ratio Lower Upper
 75 100
 53 1.2 85.3 127.9#
 89 1.3 37.0 55.4#

