

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010569.D
 Acq On : 20 Sep 2022 12:16
 Operator : KP/MD
 Sample : VY0920SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 18:09:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

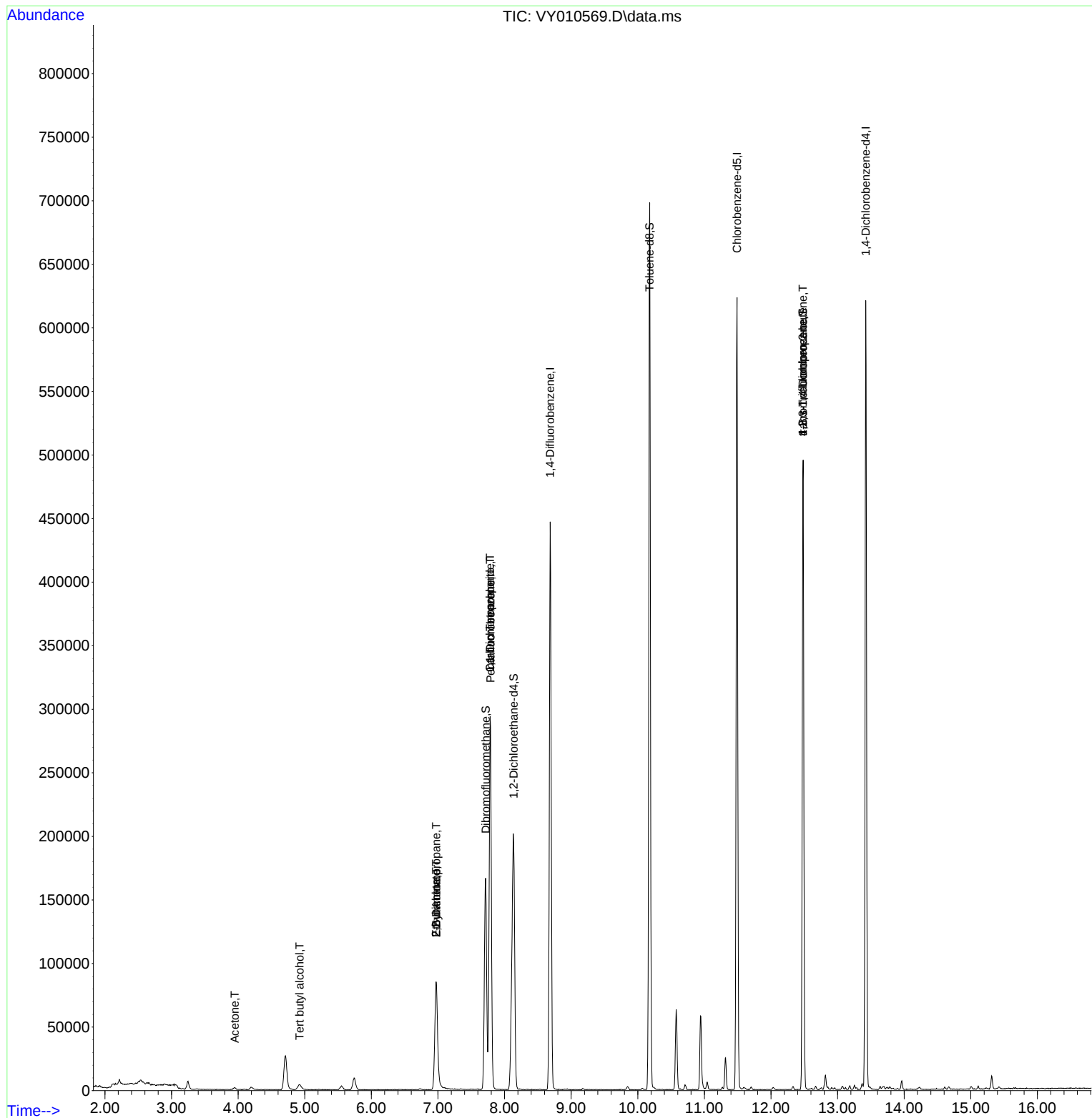
Internal Standards						
1) Pentafluorobenzene	7.789	168	231485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127674	57.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.716	113	119248	49.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.179	98	458630	50.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.477	95	145141	43.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	516	Below Cal	#	67
3) Chloromethane	2.107	50	744	Below Cal		96
4) Vinyl Chloride	2.247	62	113	Below Cal	#	43
5) Bromomethane	2.650	94	513	Below Cal	#	60
11) Tert butyl alcohol	4.924	59	4515	12.168	ug/l #	77
16) Acetone	3.948	43	2749	6.088	ug/l #	89
17) Carbon Disulfide	4.198	76	396	Below Cal	#	75
18) Methyl Acetate	4.259	43	78	Below Cal	#	56
20) Methylene Chloride	4.710	84	21133	Below Cal	#	78
25) 2-Butanone	6.972	43	4959	7.022	ug/l	93
26) 2,2-Dichloropropane	6.972	77	6653	1.982	ug/l #	55
31) Cyclohexane	7.783	56	4652	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	17992	6.638	ug/l #	51
37) Ethyl Acetate	6.972	43	4959	3.168	ug/l #	1
38) Carbon Tetrachloride	7.783	117	22544	7.234	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	75173	49.943	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75173	111.045	ug/l #	7

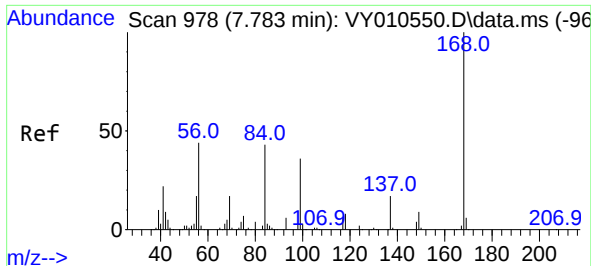
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 18:09:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
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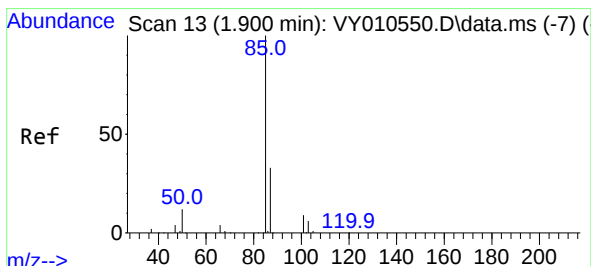
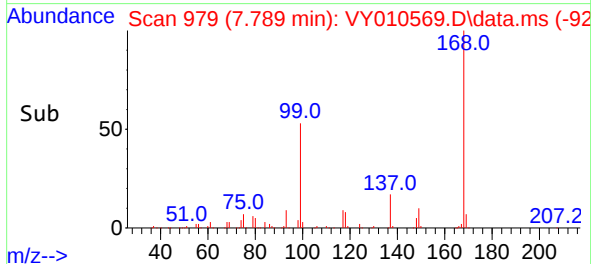
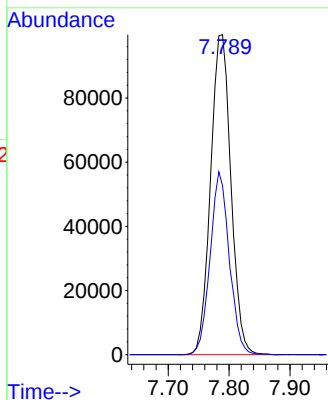
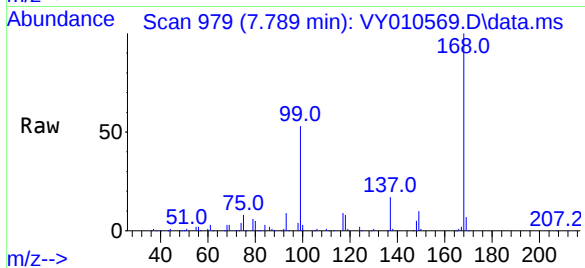




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

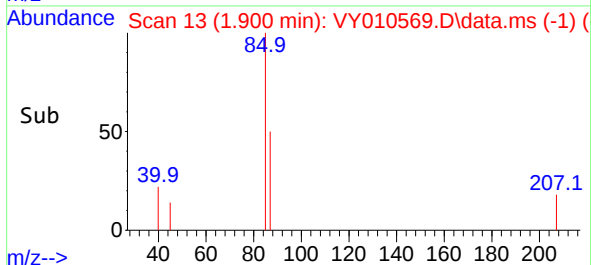
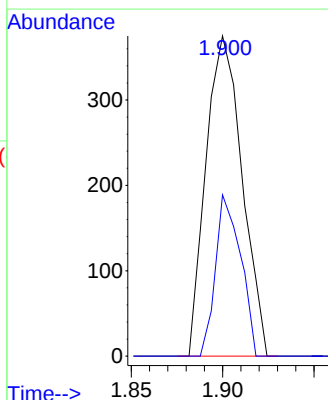
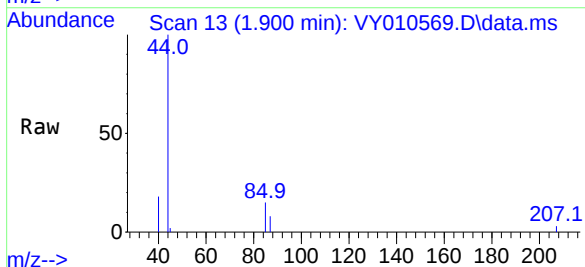
Instrument :
MSVOA_Y
ClientSampleId :

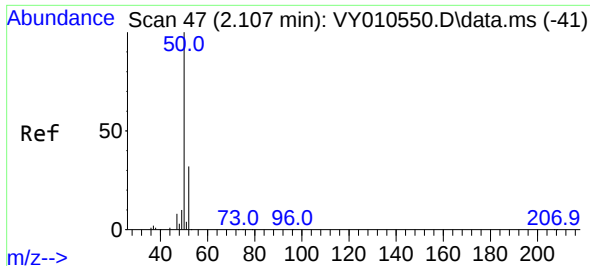
Tgt Ion:168 Resp: 231485
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

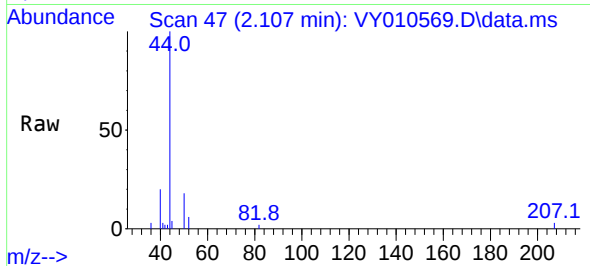
Tgt Ion: 85 Resp: 516
Ion Ratio Lower Upper
85 100
87 50.4 16.1 48.2#



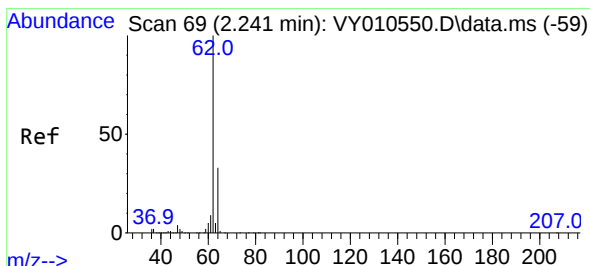
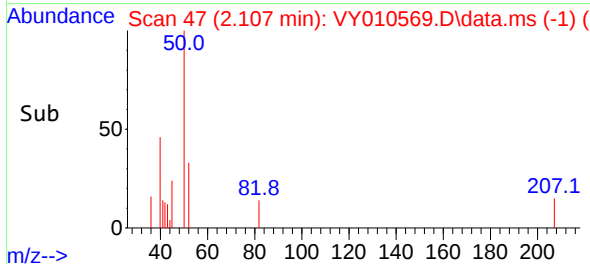
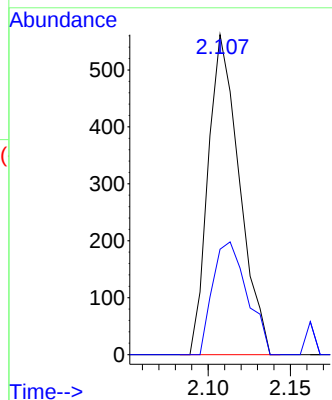


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

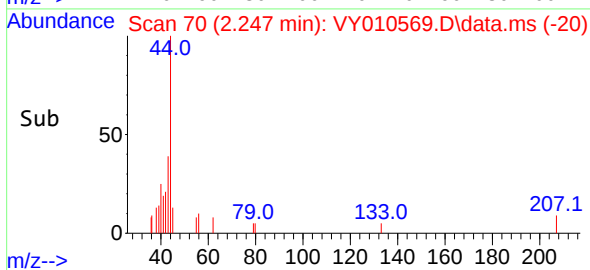
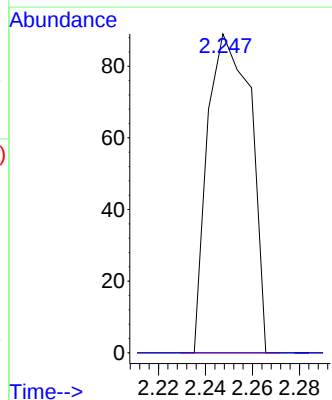
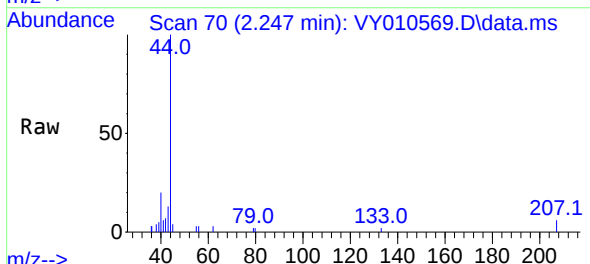


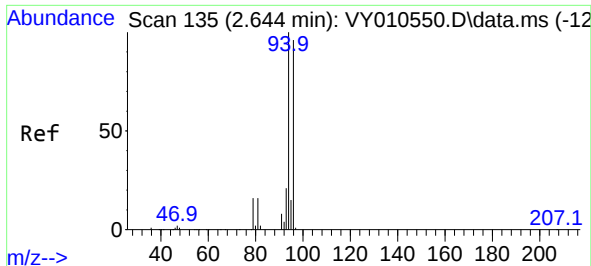
Tgt Ion: 50 Resp: 744
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

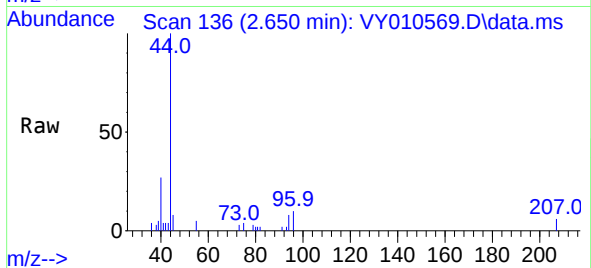
Tgt Ion: 62 Resp: 113
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



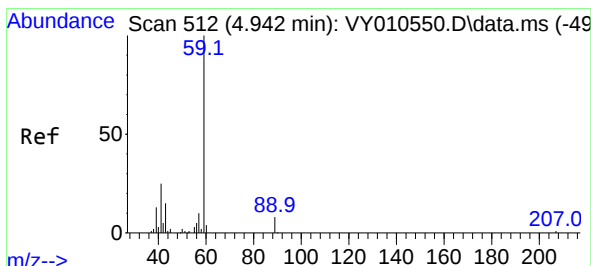
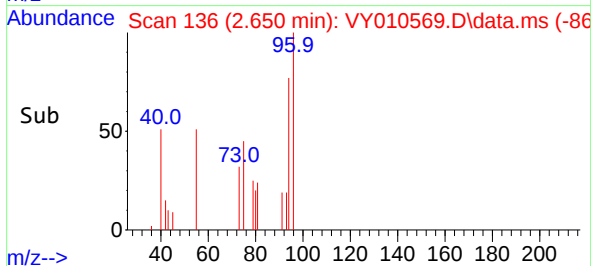
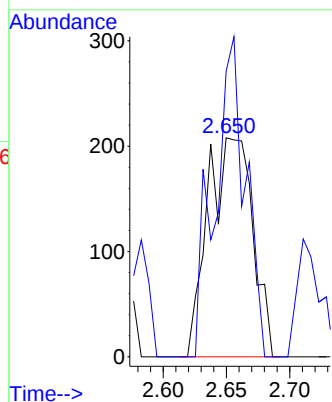


#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

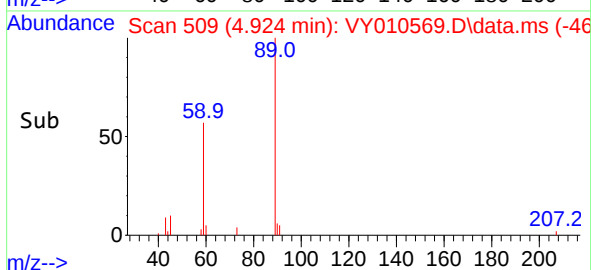
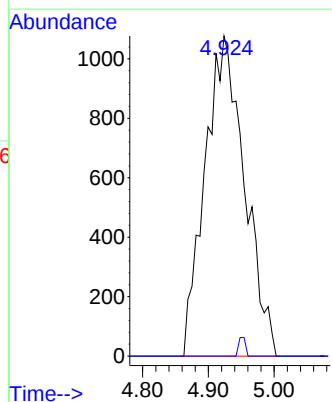
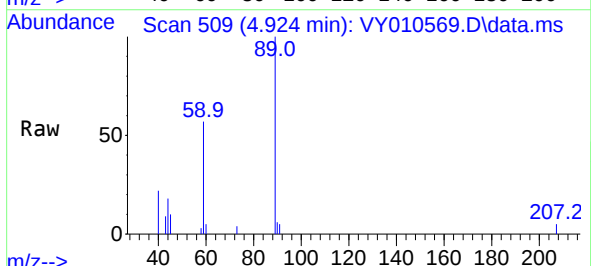


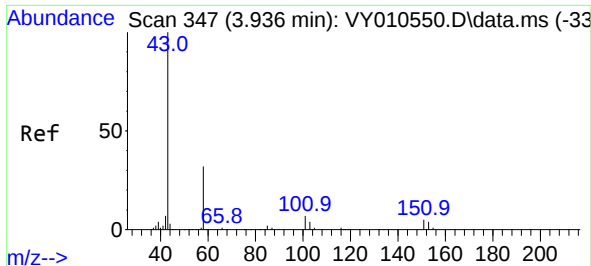
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 130.3 73.5 110.3#



#11
Tert butyl alcohol
Concen: 12.168 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

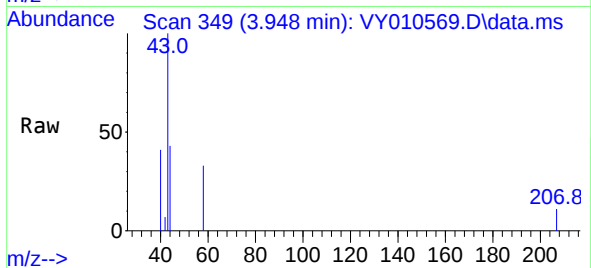
Tgt Ion: 59 Resp: 4515
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



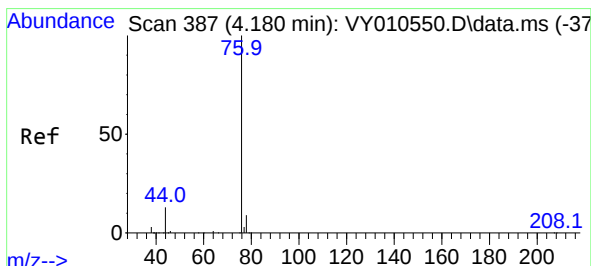
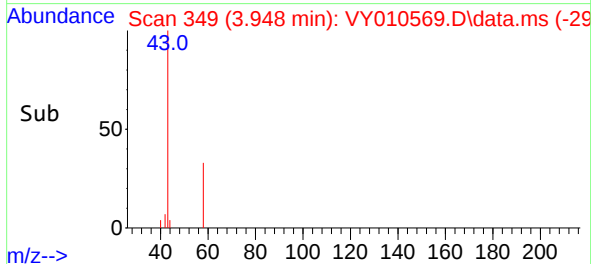
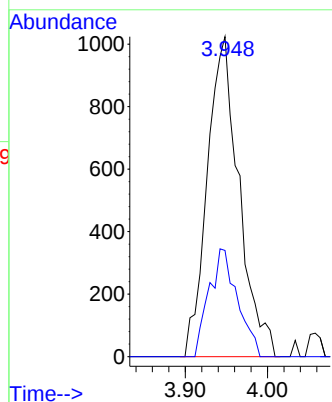


#16
Acetone
Concen: 6.088 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

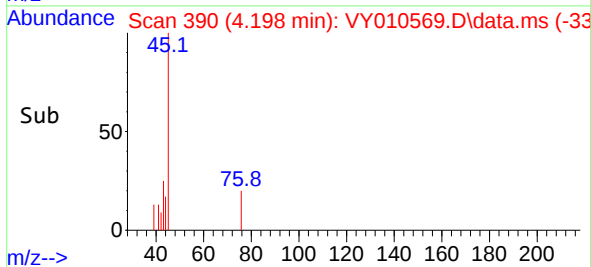
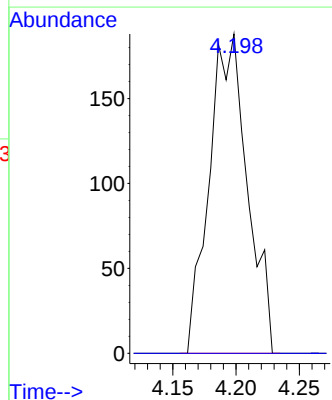
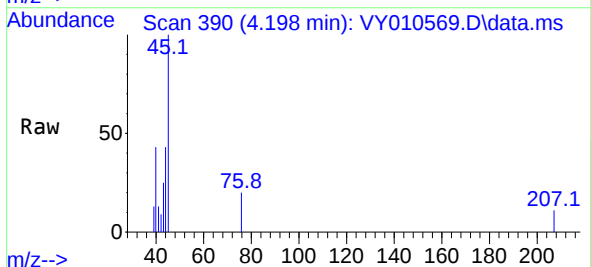


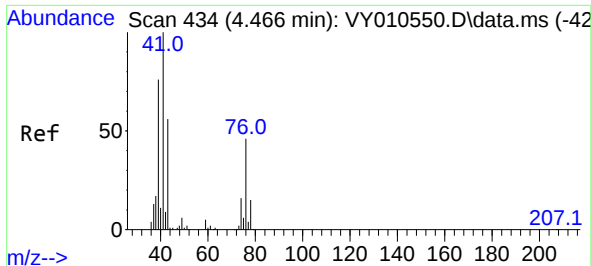
Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion: 76 Resp: 396
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.259 min Scan# 40

Delta R.T. -0.207 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

Instrument :

MSVOA_Y

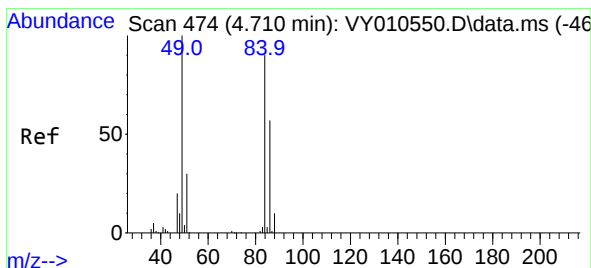
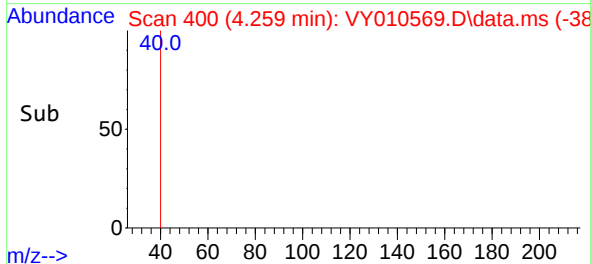
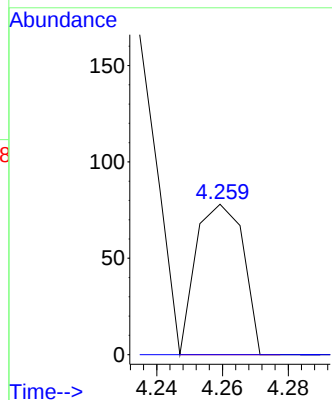
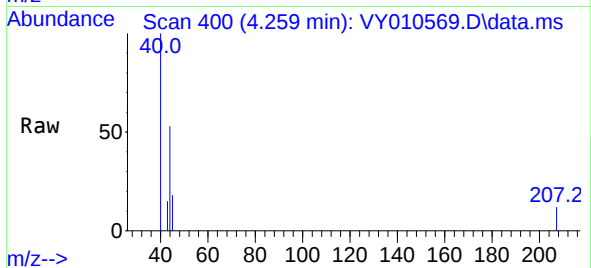
ClientSampleId :

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

Tgt Ion: 84 Resp: 21133

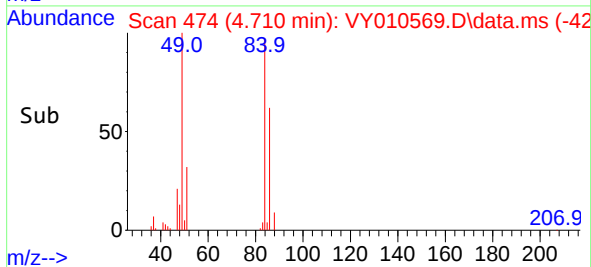
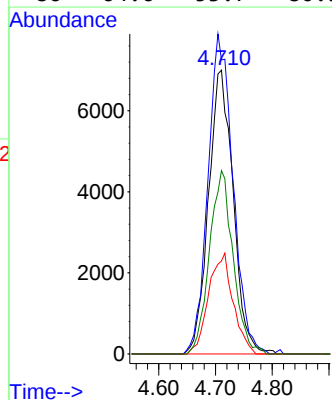
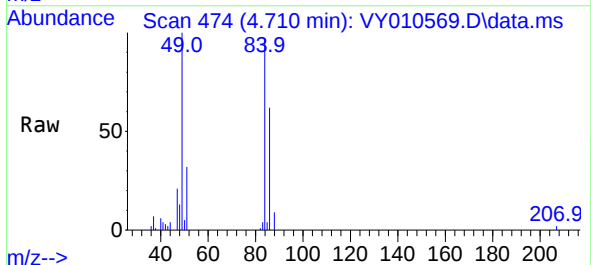
Ion Ratio Lower Upper

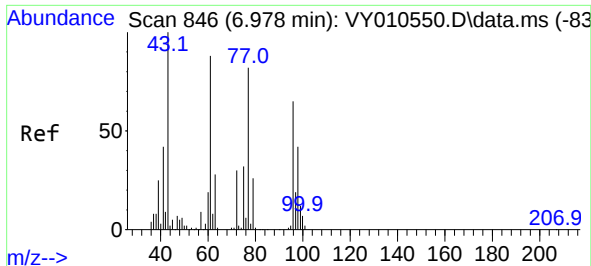
84 100

49 103.6 114.4 171.6#

51 32.7 35.3 52.9#

86 64.6 53.7 80.5





#25

2-Butanone

Concen: 7.022 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

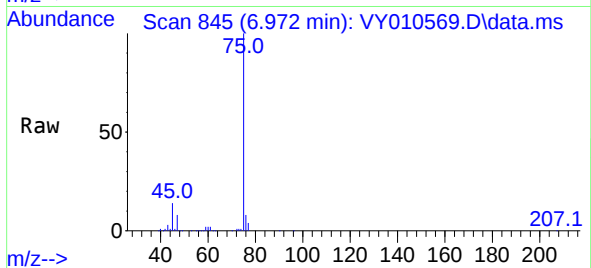
Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

Instrument :

MSVOA_Y

ClientSampleId :

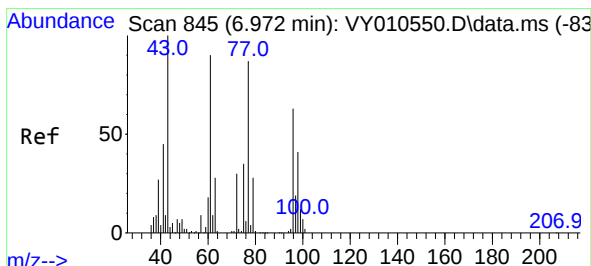
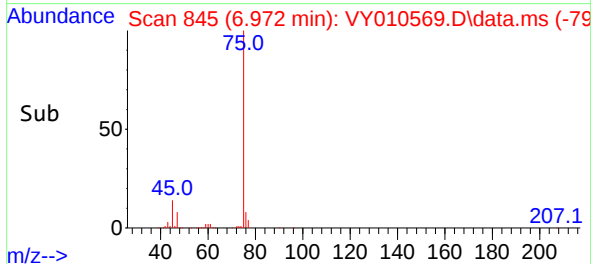
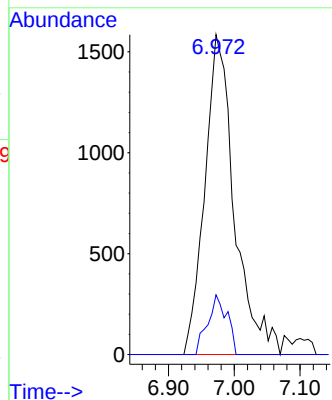


Tgt Ion: 43 Resp: 4959

Ion Ratio Lower Upper

43 100

72 18.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.982 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010569.D

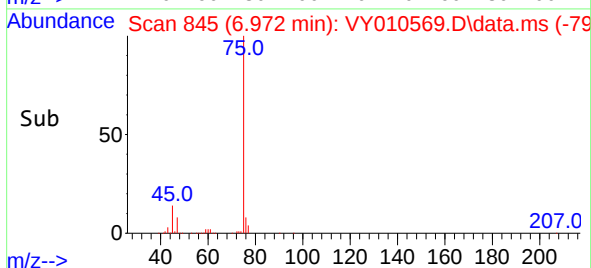
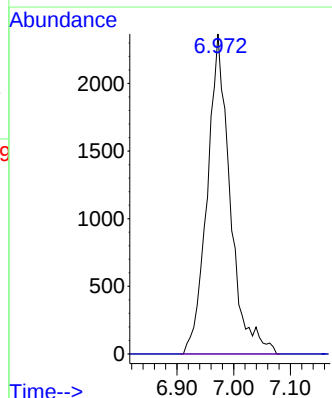
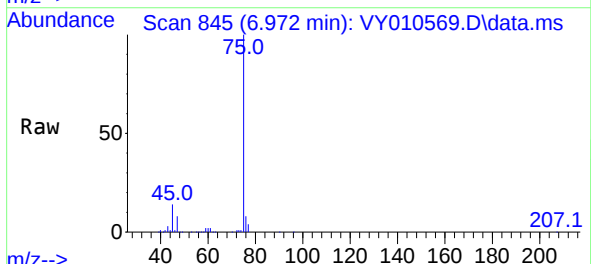
Acq: 20 Sep 2022 12:16

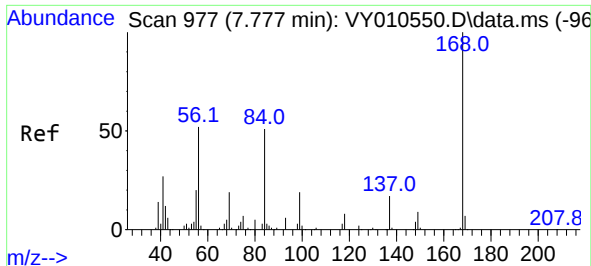
Tgt Ion: 77 Resp: 6653

Ion Ratio Lower Upper

77 100

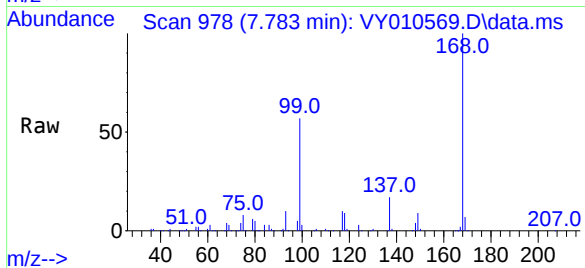
97 0.0 10.4 31.4#



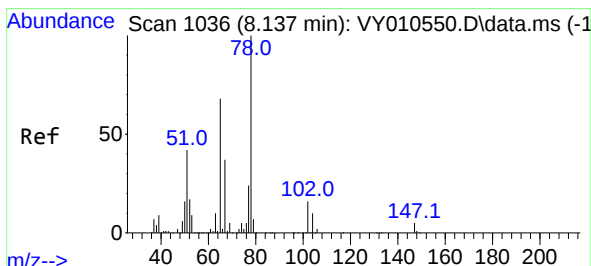
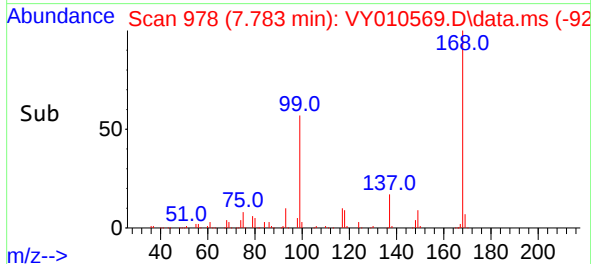
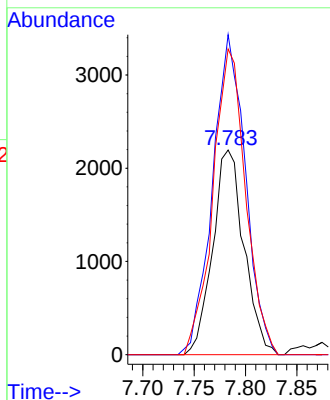


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

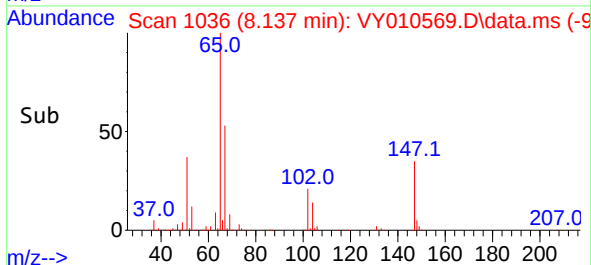
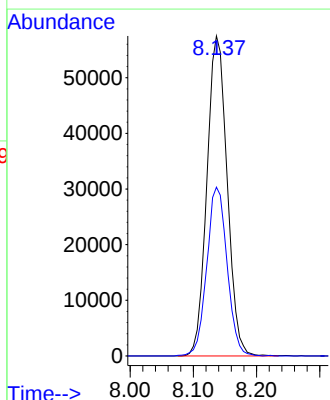
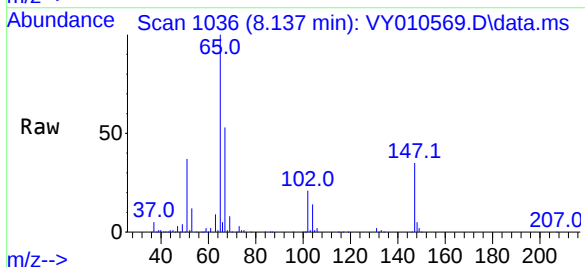


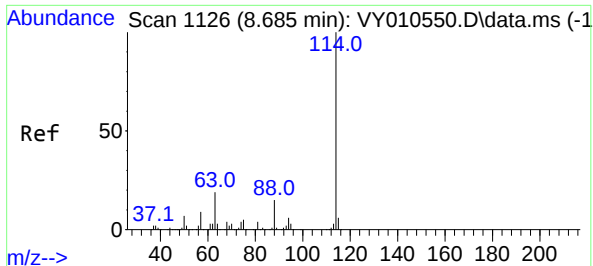
Tgt Ion: 56 Resp: 4652
Ion Ratio Lower Upper
56 100
69 156.4 26.7 40.1#
84 149.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.664 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion: 65 Resp: 127674
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

Instrument :

MSVOA_Y

ClientSampleId :

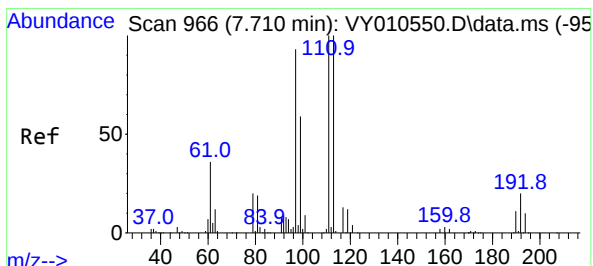
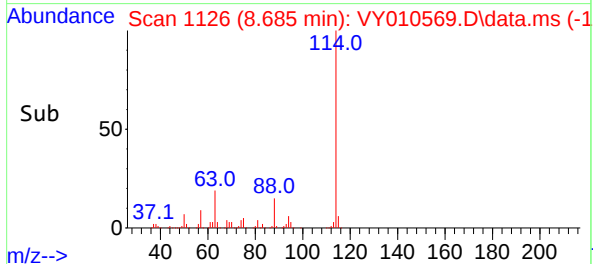
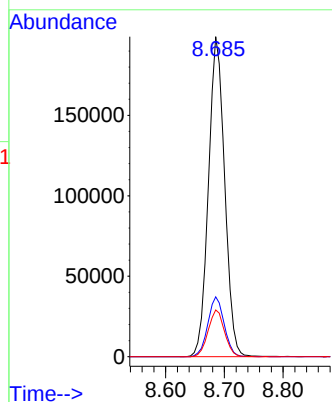
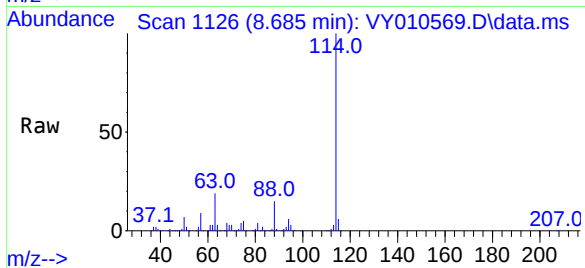
Tgt Ion:114 Resp: 381163

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

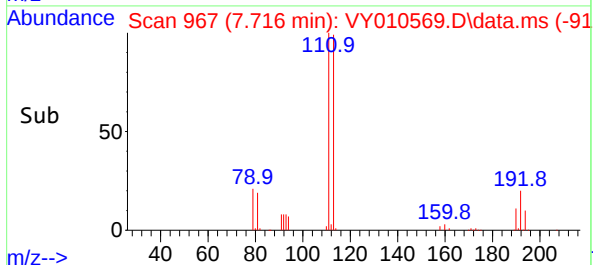
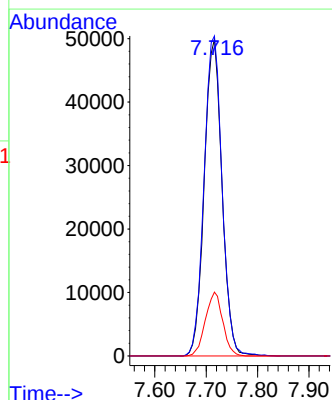
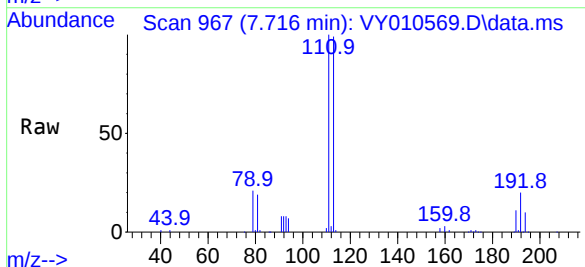
Tgt Ion:113 Resp: 119248

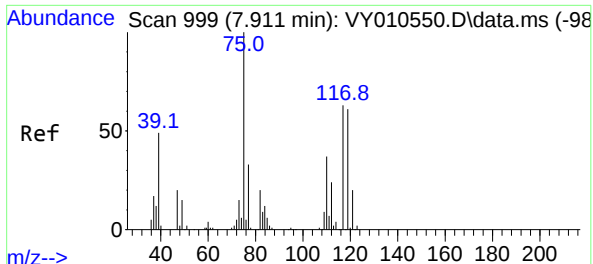
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

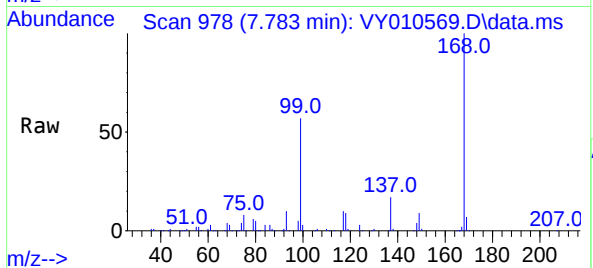
192 19.7 17.6 26.4



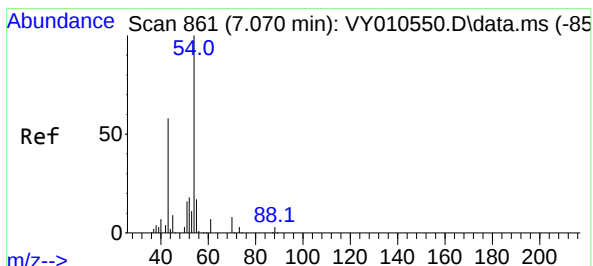
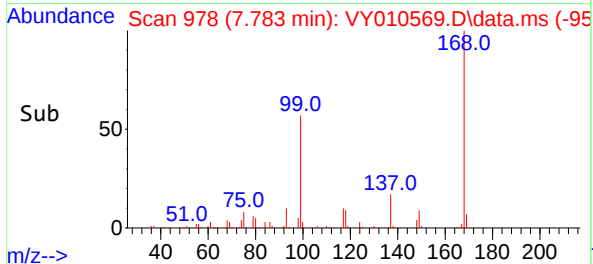
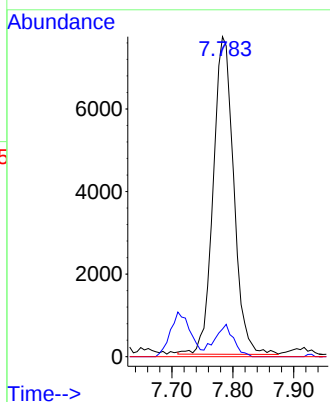


#36
1,1-Dichloropropene
Concen: 6.638 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

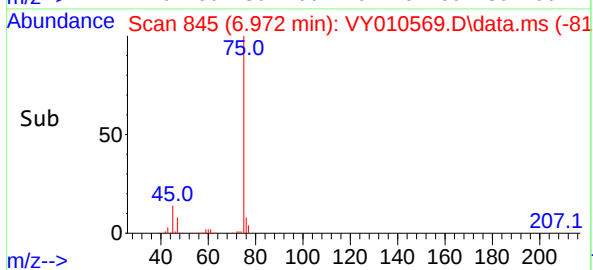
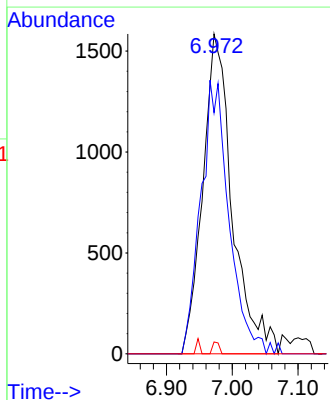
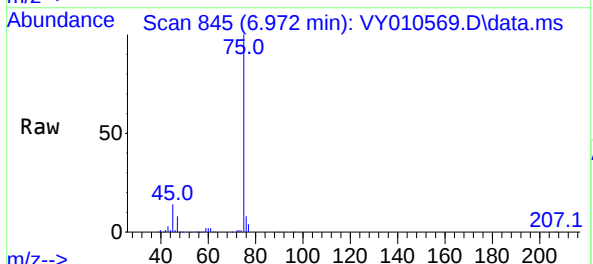


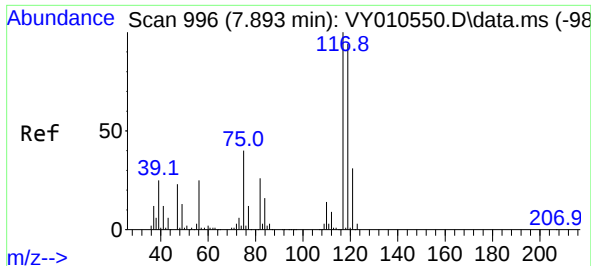
Tgt Ion: 75 Resp: 17992
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.168 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

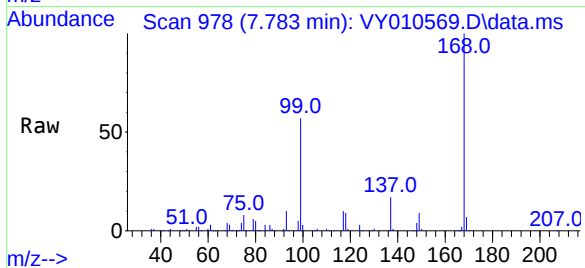
Tgt Ion: 43 Resp: 4959
Ion Ratio Lower Upper
43 100
61 81.4 9.7 14.5#
70 0.8 7.1 10.7#



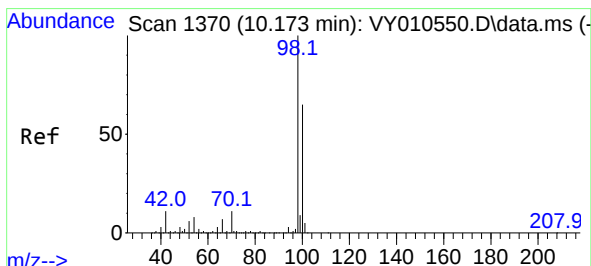
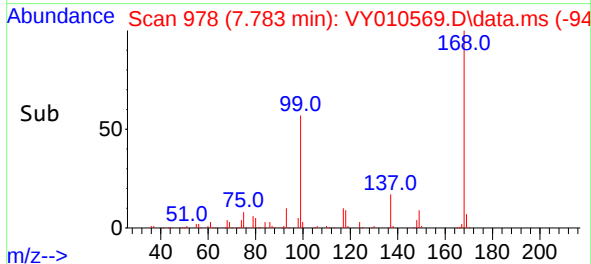
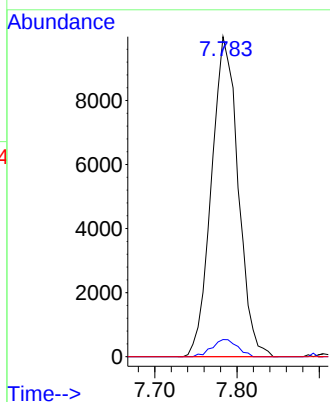


#38
Carbon Tetrachloride
Concen: 7.234 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :

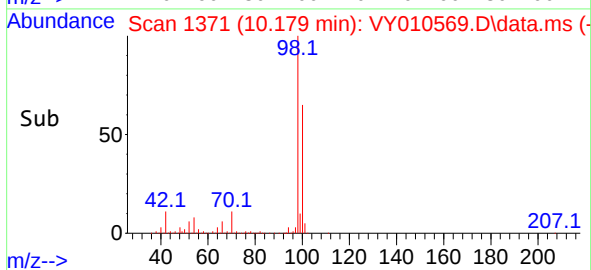
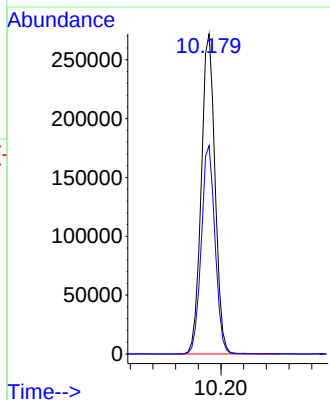
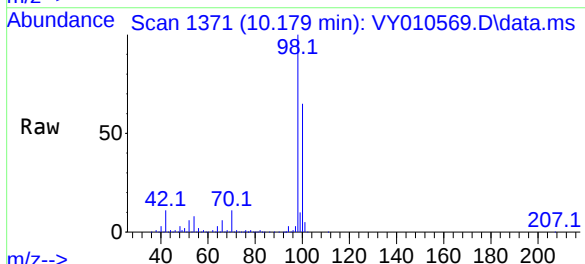


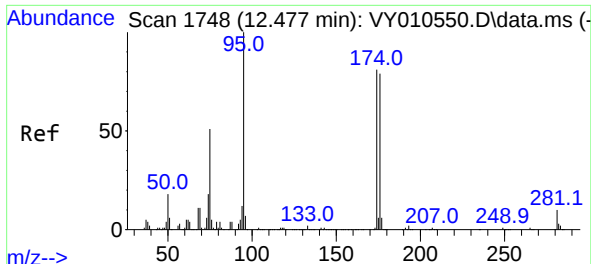
Tgt Ion:117 Resp: 22544
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion: 98 Resp: 458630
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

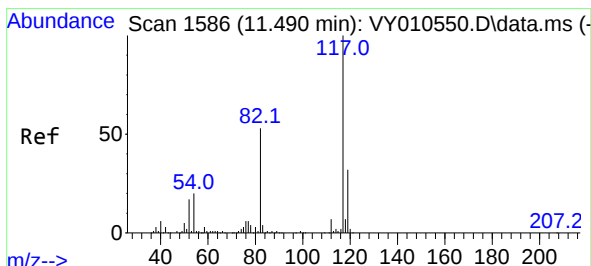
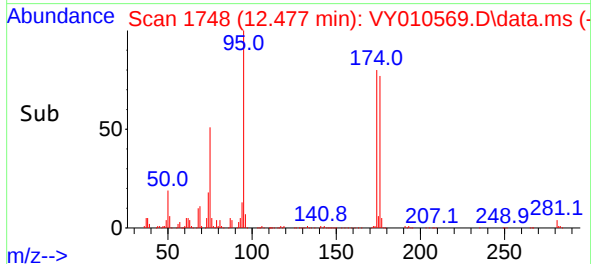
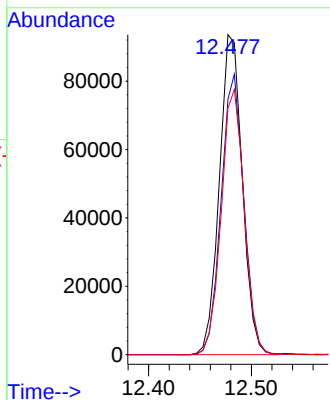
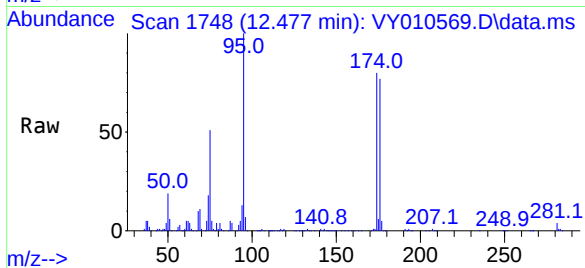




#62
4-Bromofluorobenzene
Concen: 43.129 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

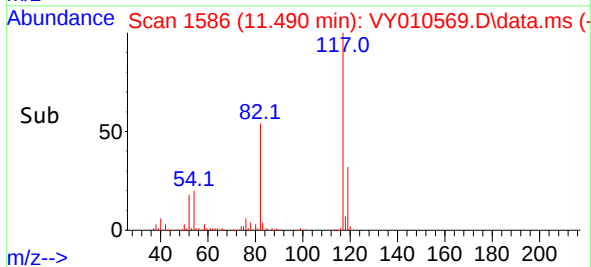
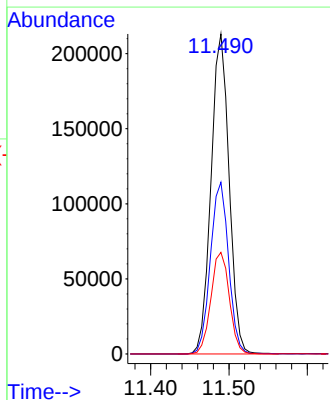
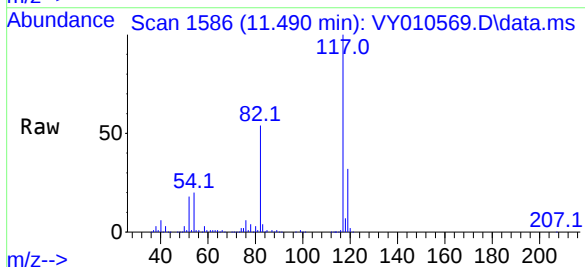
Instrument :
MSVOA_Y
ClientSampleId :

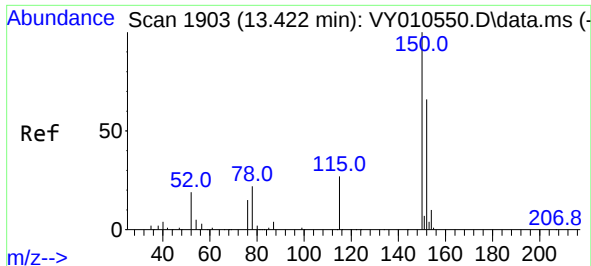
Tgt Ion: 95 Resp: 145141
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

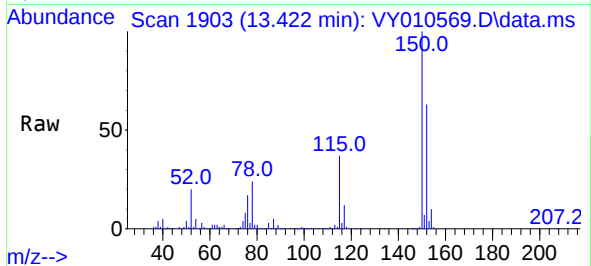
Tgt Ion: 117 Resp: 341670
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 25.4 38.0



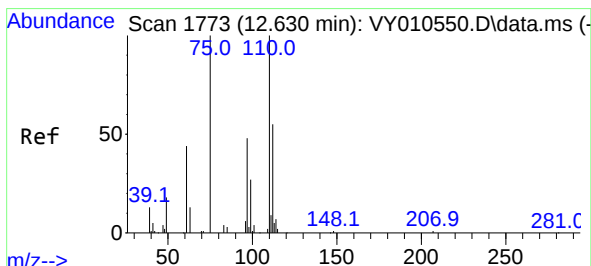
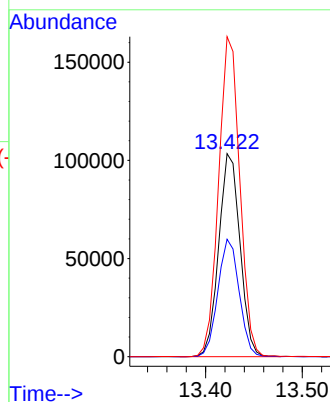
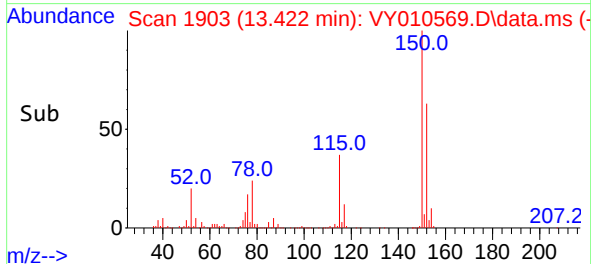


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

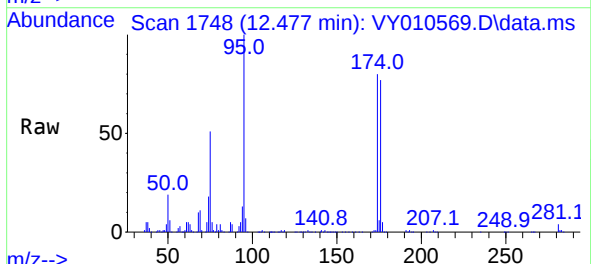
Instrument :
MSVOA_Y
ClientSampleId :



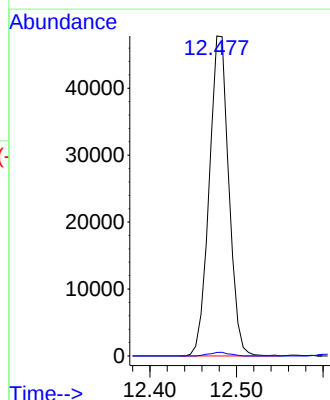
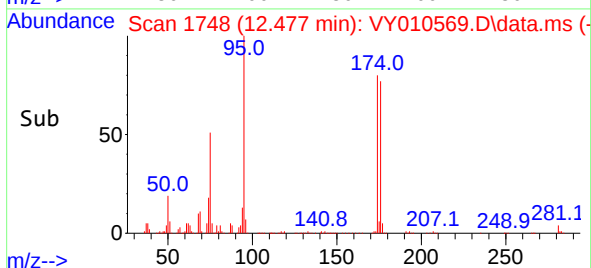
Tgt Ion:152 Resp: 157704
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.2 0.0 347.6

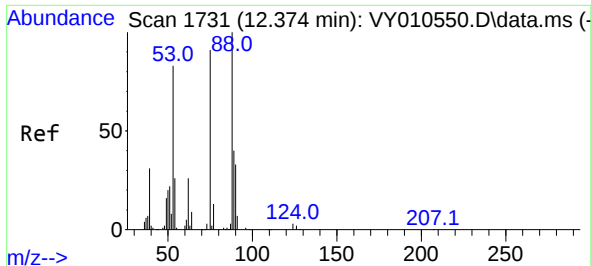


#76
1,2,3-Trichloropropane
Concen: 49.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16



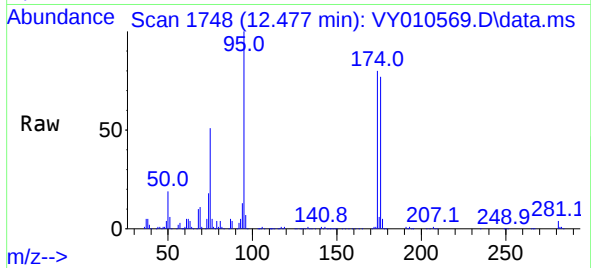
Tgt Ion: 75 Resp: 75173
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.045 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010569.D
 Acq: 20 Sep 2022 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	75173
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#

