

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010585.D
 Acq On : 20 Sep 2022 19:07
 Operator : KP/MD
 Sample : N4697-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 01:22:16 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)

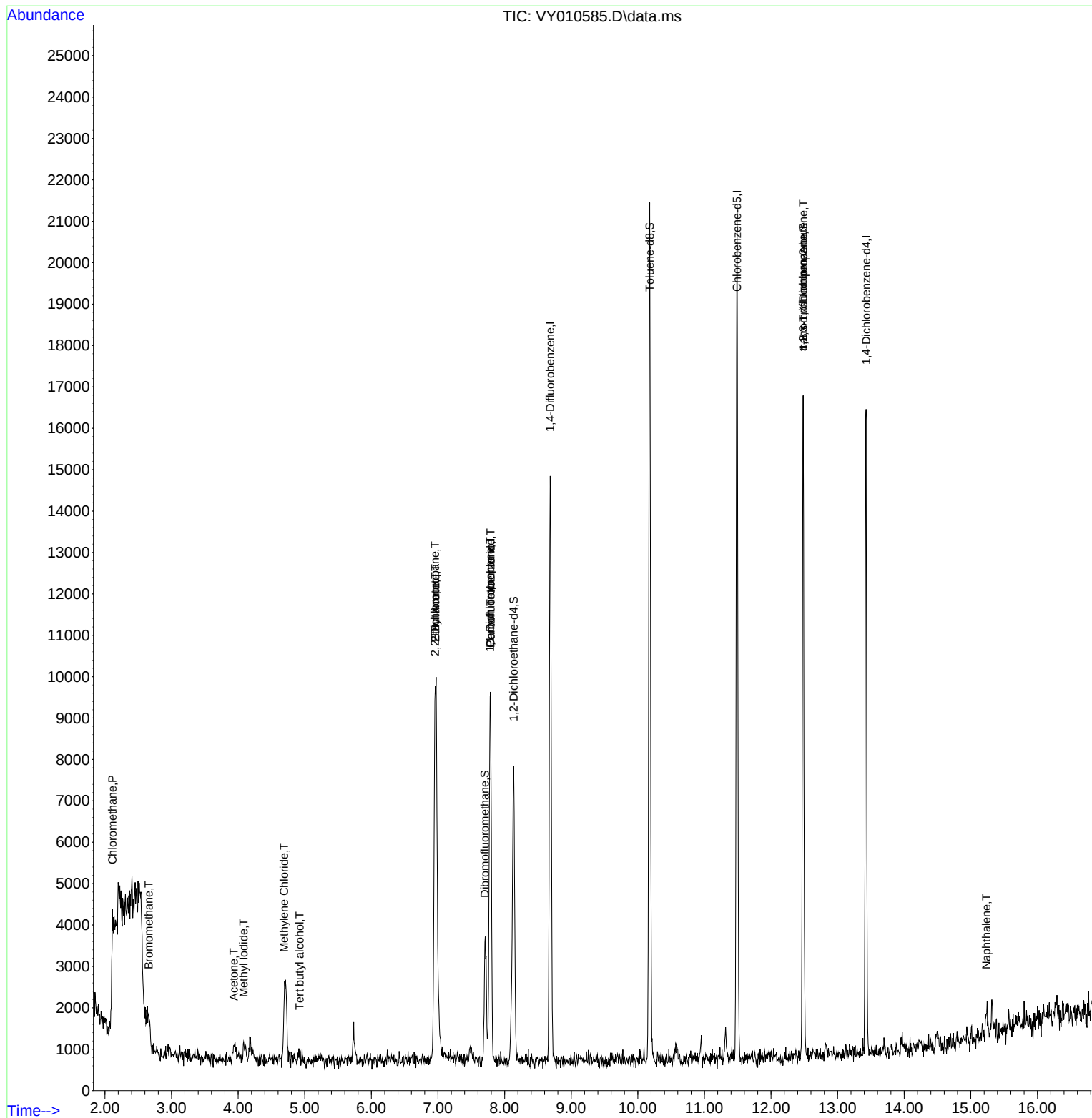
Internal Standards						
1) Pentafluorobenzene	7.789	168	7739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	13164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5188	70.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.180%			
35) Dibromofluoromethane	7.703	113	2230	26.544	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 53.080%#			
50) Toluene-d8	10.178	98	14616	47.256	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.520%			
62) 4-Bromofluorobenzene	12.483	95	4550	38.885	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.780%			
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	333	2.001	ug/l #	84
4) Vinyl Chloride	2.235	62	23	Below Cal	#	43
5) Bromomethane	2.655	94	293	1.624	ug/l	94
10) Methyl Iodide	4.082	142	813	11.499	ug/l #	62
11) Tert butyl alcohol	4.923	59	170	15.179	ug/l #	77
16) Acetone	3.936	43	765	50.679	ug/l #	67
18) Methyl Acetate	4.326	43	20	Below Cal	#	56
20) Methylene Chloride	4.692	84	1737	12.788	ug/l #	58
25) 2-Butanone	6.959	43	257	10.885	ug/l #	54
26) 2,2-Dichloropropane	6.953	77	726	6.468	ug/l #	55
31) Cyclohexane	7.801	56	47	Below Cal	#	17
36) 1,1-Dichloropropene	7.782	75	681	7.275	ug/l #	42
37) Ethyl Acetate	6.959	43	257	4.753	ug/l #	1
38) Carbon Tetrachloride	7.789	117	836	7.767	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2576	62.811	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2576	139.656	ug/l #	7
95) Naphthalene	15.232	128	1026	7.306	ug/l #	72

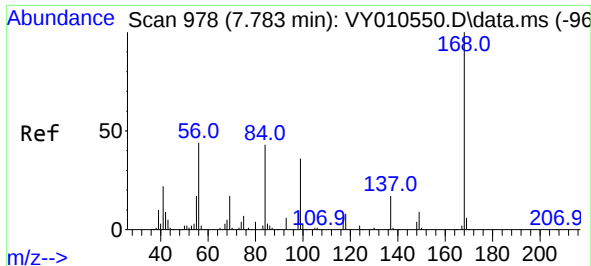
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
Data File : VY010585.D
Acq On : 20 Sep 2022 19:07
Operator : KP/MD
Sample : N4697-13
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

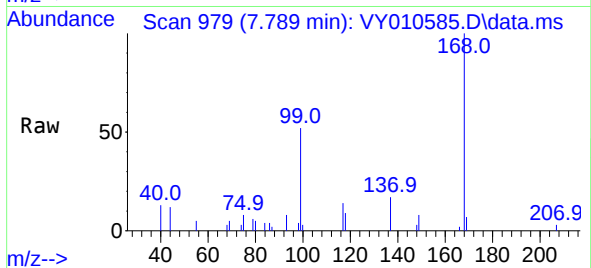
Quant Time: Sep 21 01:22:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration



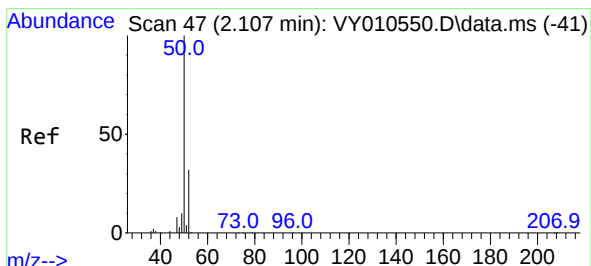
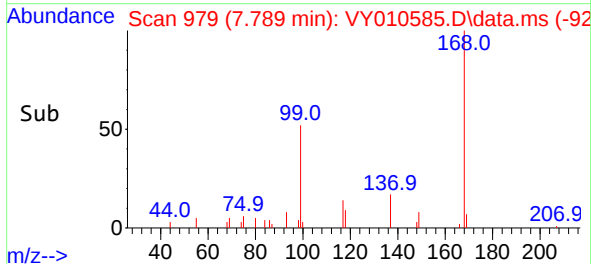
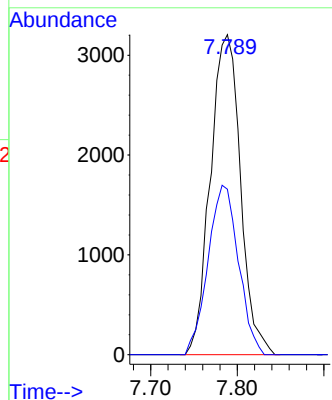


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

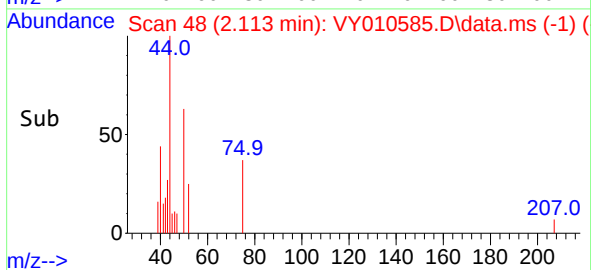
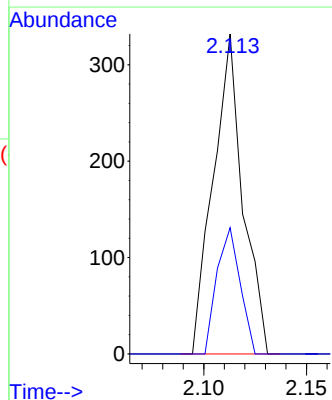
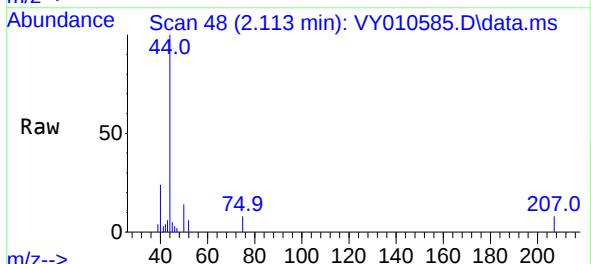


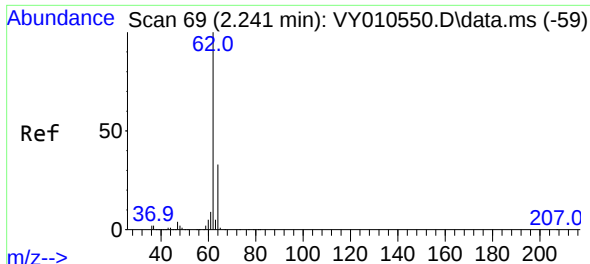
Tgt Ion:168 Resp: 7739
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#3
Chloromethane
Concen: 2.001 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 39.5 24.6 37.0#

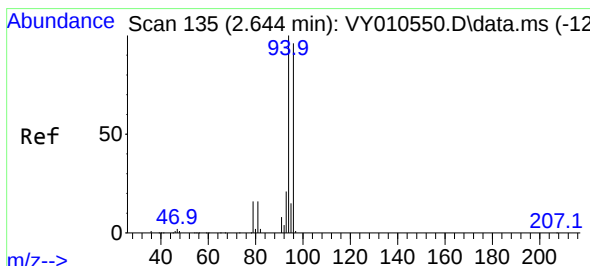
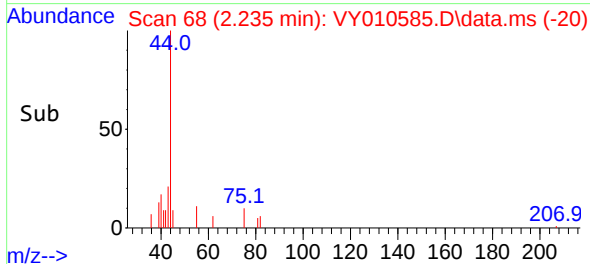
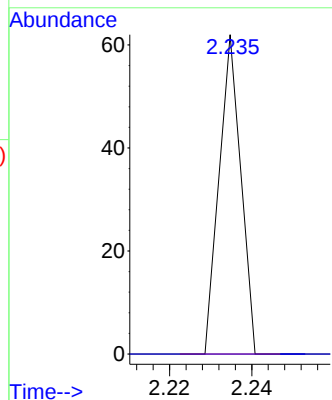
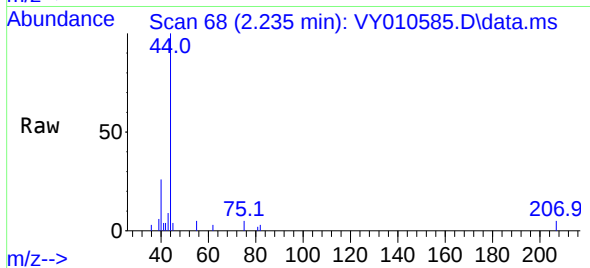




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.235 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY010585.D
 Acq: 20 Sep 2022 19:07

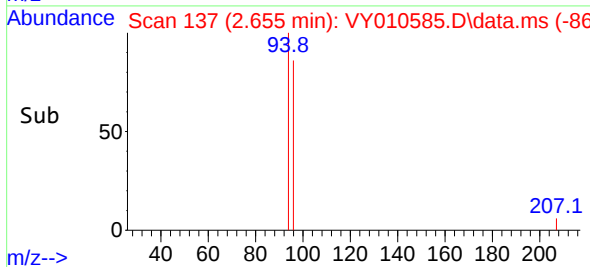
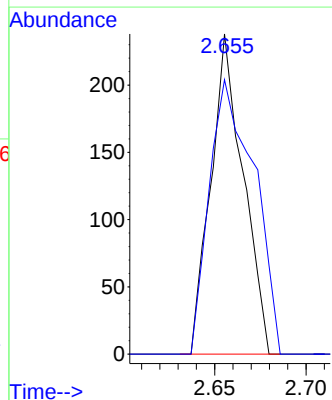
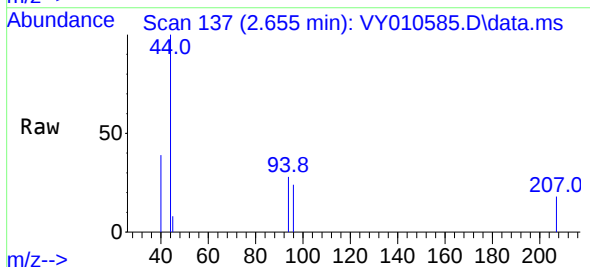
Instrument :
 MSVOA_Y
 ClientSampleId :

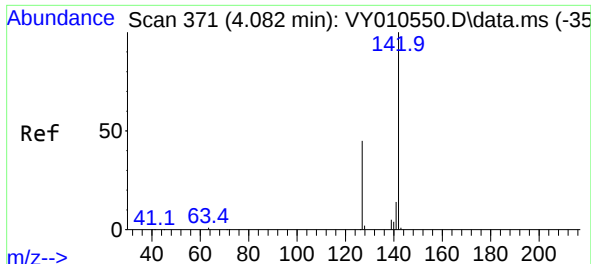
Tgt Ion: 62 Resp: 23
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 1.624 ug/l
 RT: 2.655 min Scan# 137
 Delta R.T. 0.011 min
 Lab File: VY010585.D
 Acq: 20 Sep 2022 19:07

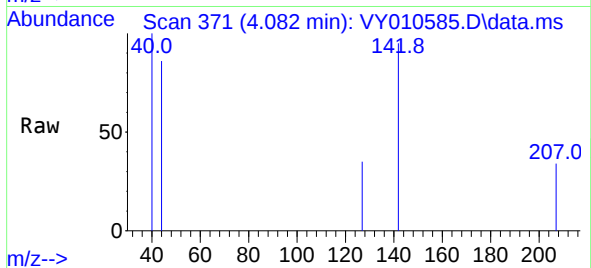
Tgt Ion: 94 Resp: 293
 Ion Ratio Lower Upper
 94 100
 96 85.7 73.5 110.3



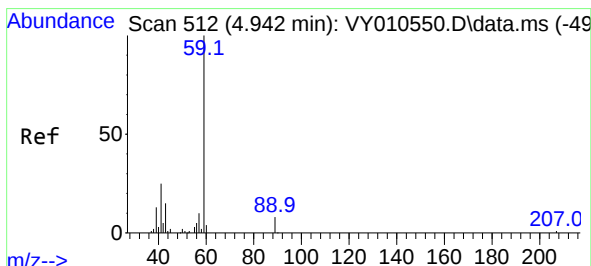
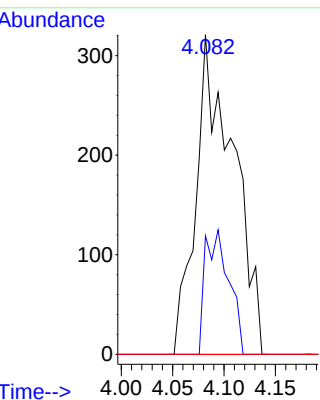
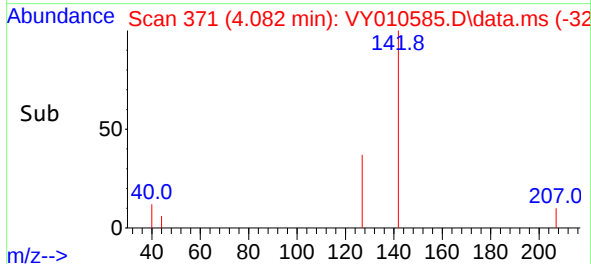


#10
Methyl Iodide
Concen: 11.499 ug/l
RT: 4.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

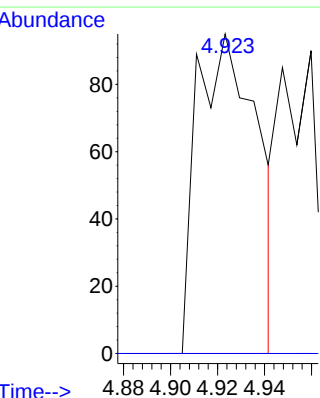
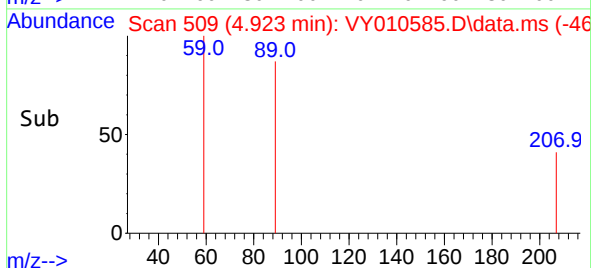
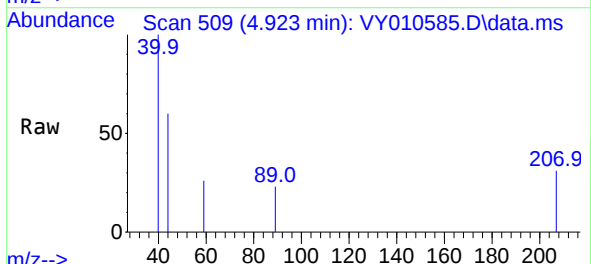


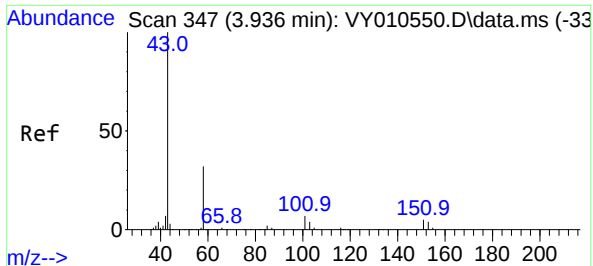
Tgt Ion:142 Resp: 813
Ion Ratio Lower Upper
142 100
127 24.6 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 15.179 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

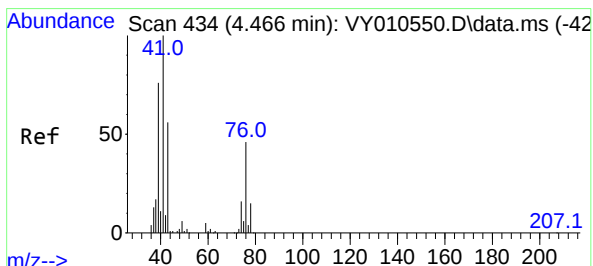
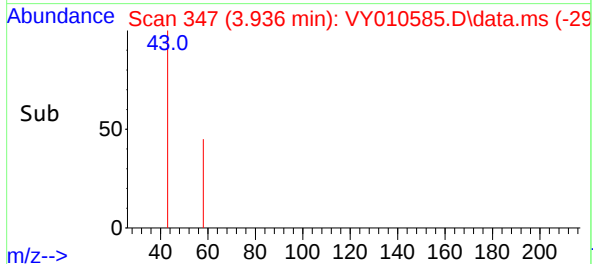
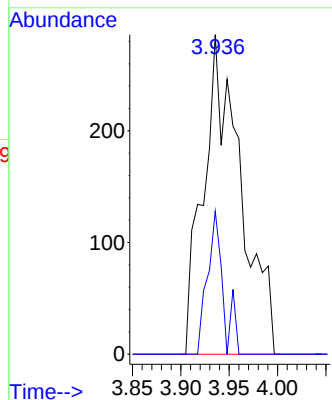
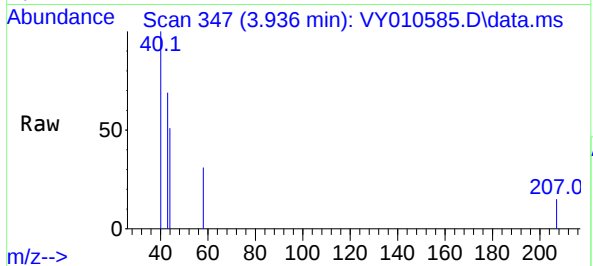




#16
Acetone
Concen: 50.679 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

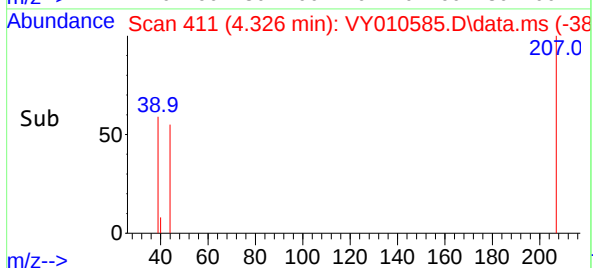
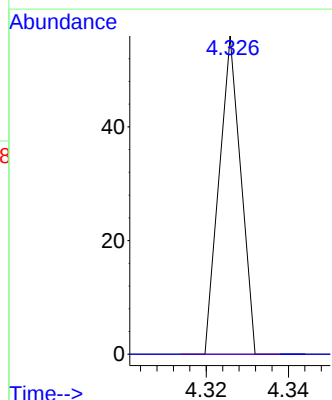
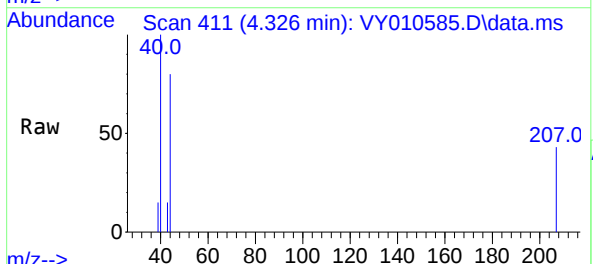
Instrument :
MSVOA_Y
ClientSampleId :

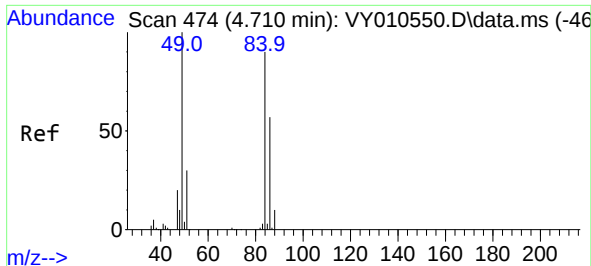
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 44.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.326 min Scan# 411
Delta R.T. -0.140 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

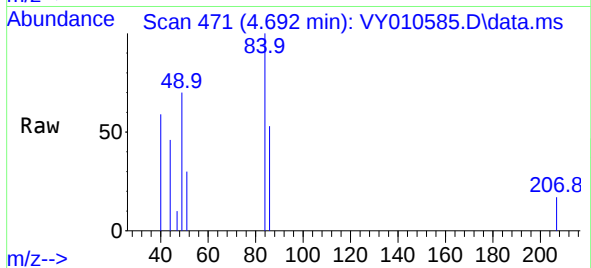
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





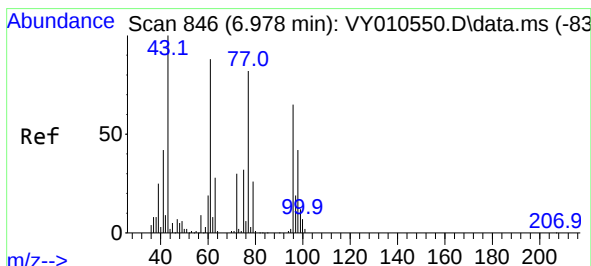
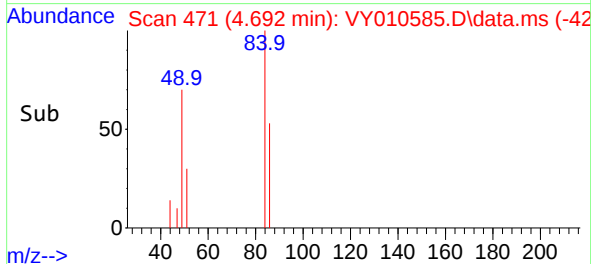
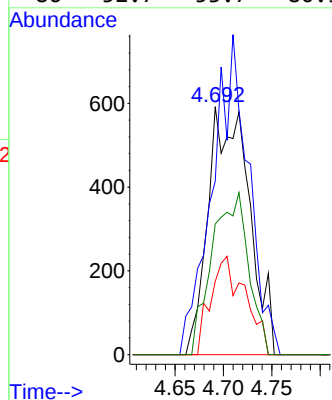
#20
Methylene Chloride
Concen: 12.788 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1737

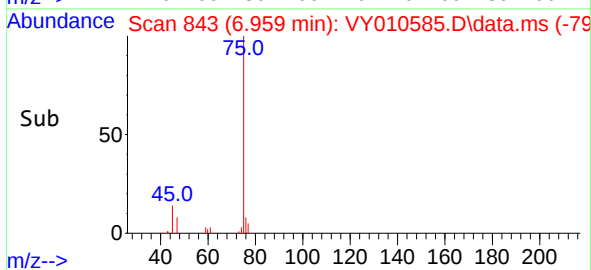
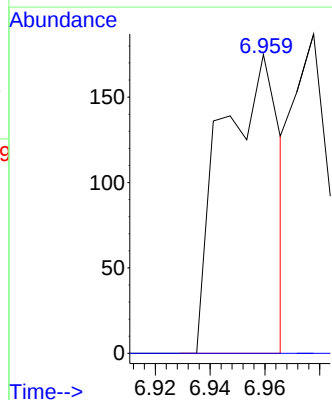
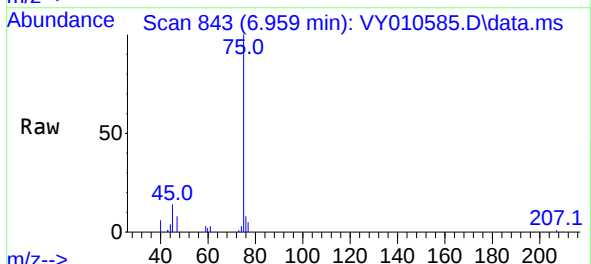
Ion	Ratio	Lower	Upper
84	100		
49	69.9	114.4	171.6#
51	29.6	35.3	52.9#
86	52.7	53.7	80.5#

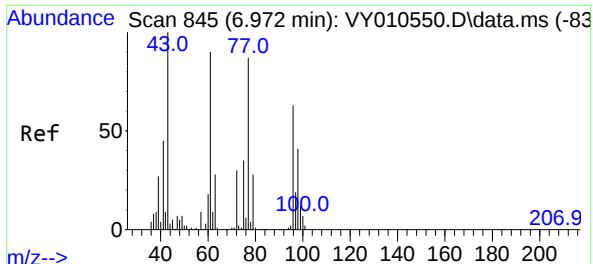


#25
2-Butanone
Concen: 10.885 ug/l
RT: 6.959 min Scan# 843
Delta R.T. -0.019 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 43 Resp: 257

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 6.468 ug/l

RT: 6.953 min Scan# 84

Delta R.T. -0.019 min

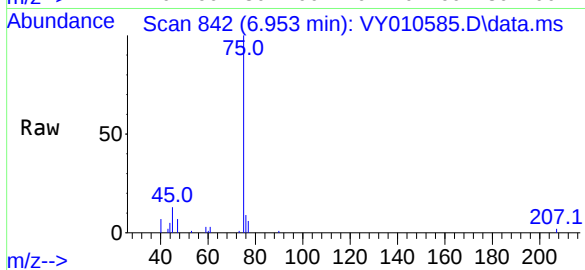
Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

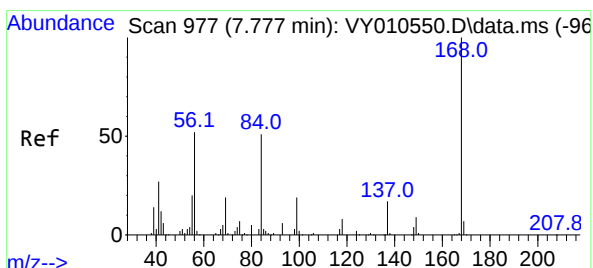
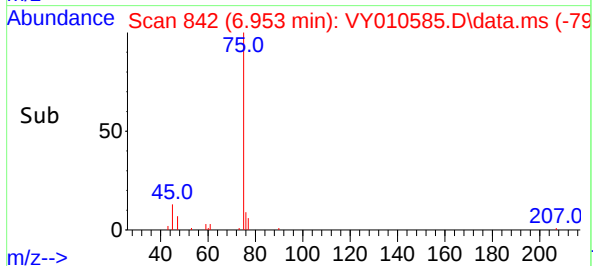
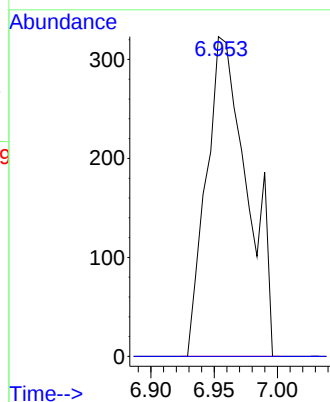


Tgt Ion: 77 Resp: 726

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.801 min Scan# 981

Delta R.T. 0.024 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

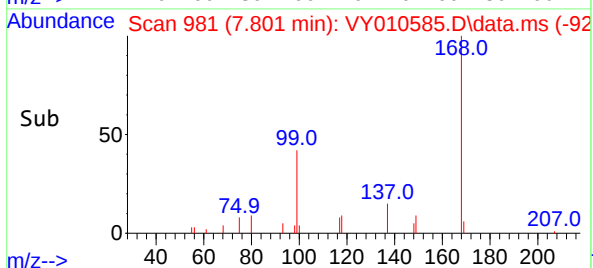
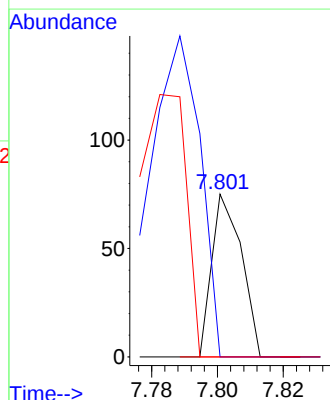
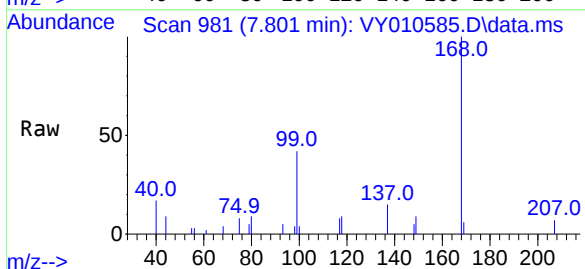
Tgt Ion: 56 Resp: 47

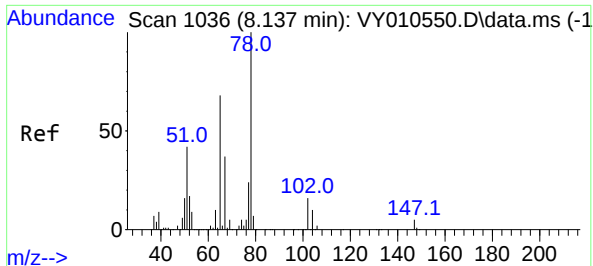
Ion Ratio Lower Upper

56 100

69 0.0 26.7 40.1#

84 0.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 70.088 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Instrument :

MSVOA_Y

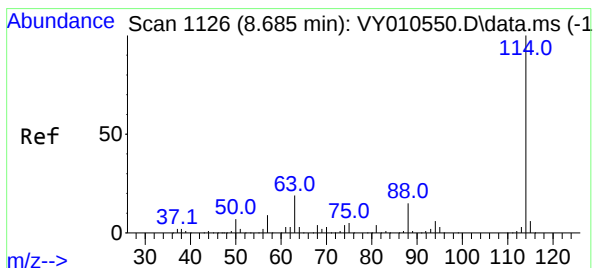
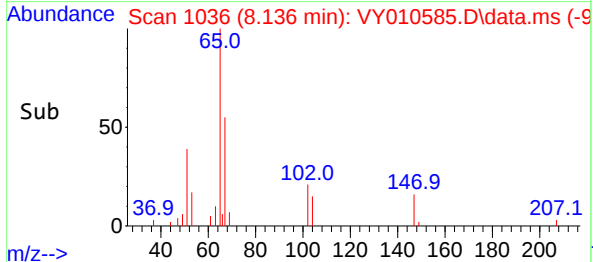
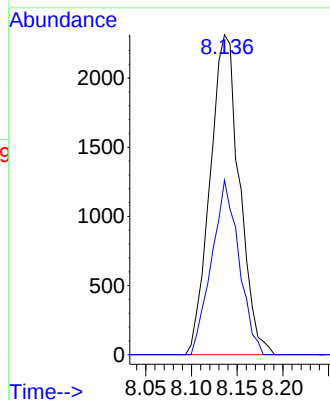
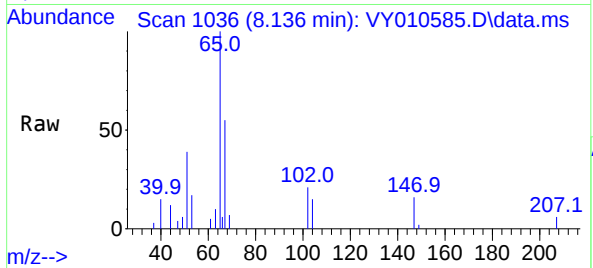
ClientSampleId :

Tgt Ion: 65 Resp: 5188

Ion Ratio Lower Upper

65 100

67 50.5 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: VY010585.D

Acq: 20 Sep 2022 19:07

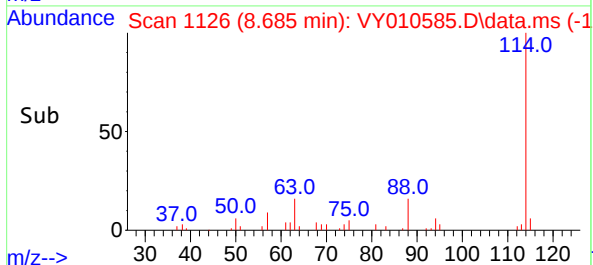
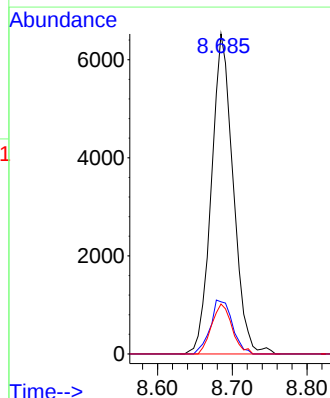
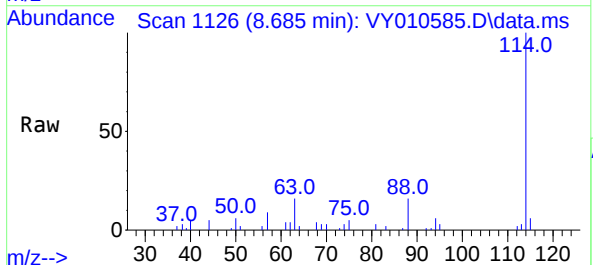
Tgt Ion: 114 Resp: 13164

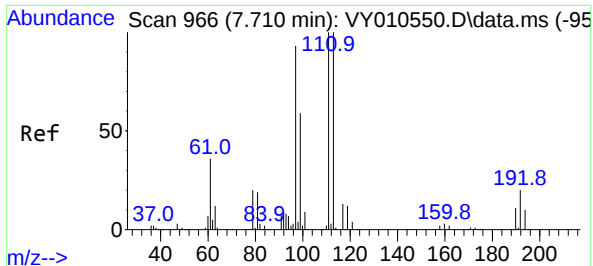
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

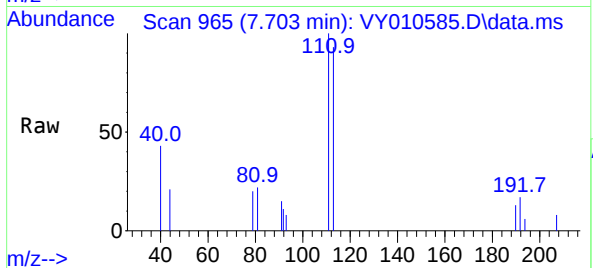
88 15.6 0.0 31.8



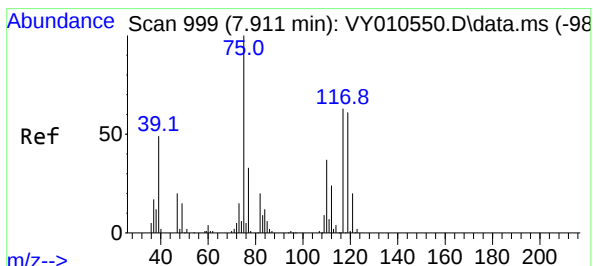
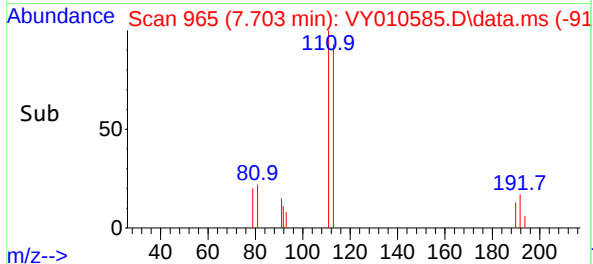
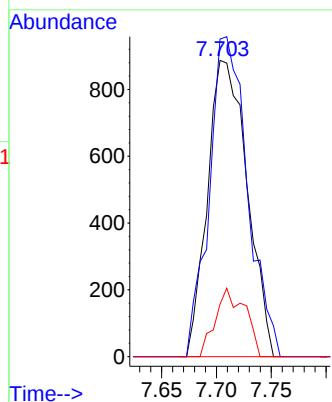


#35
Dibromofluoromethane
Concen: 26.544 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

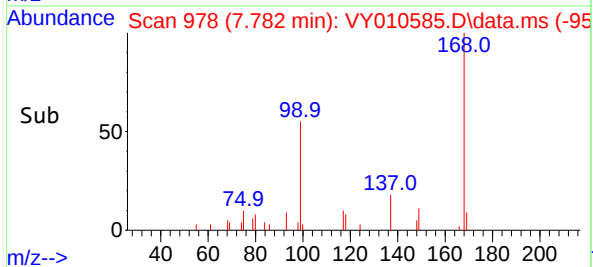
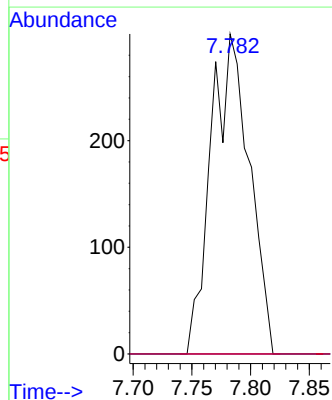
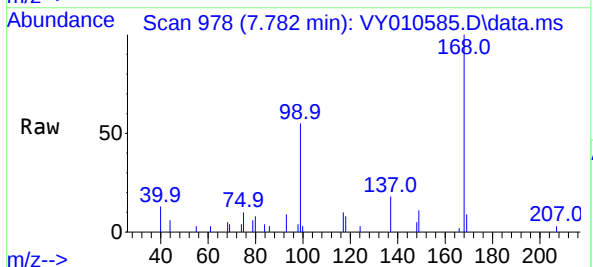


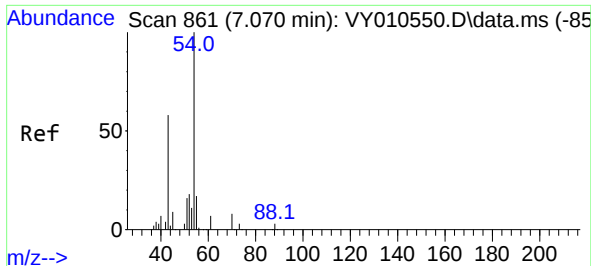
Tgt Ion:113 Resp: 2230
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 7.275 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 75 Resp: 681
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.753 ug/l

RT: 6.959 min Scan# 84

Delta R.T. -0.111 min

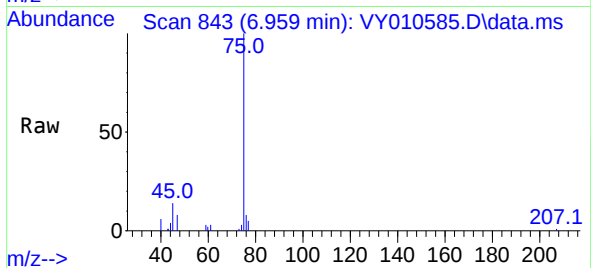
Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :



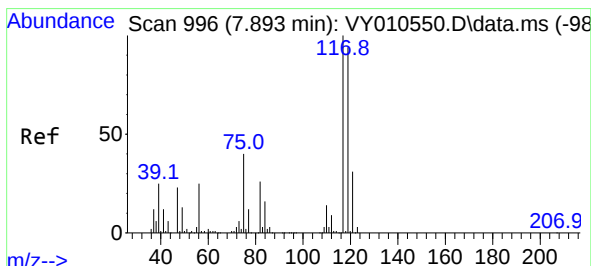
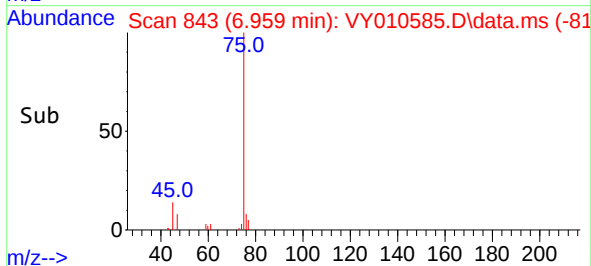
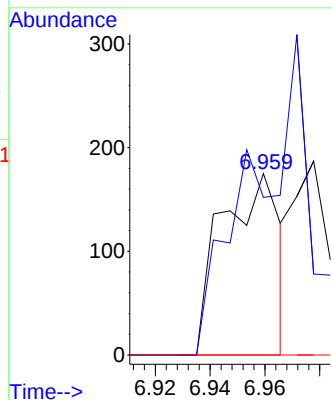
Tgt Ion: 43 Resp: 257

Ion Ratio Lower Upper

43 100

61 177.8 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 7.767 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

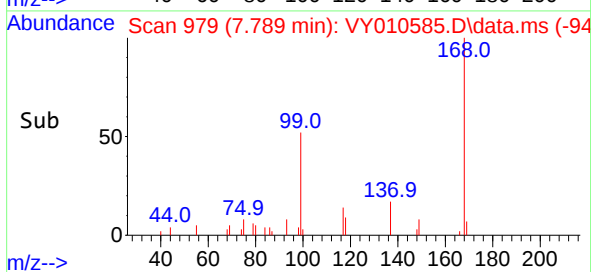
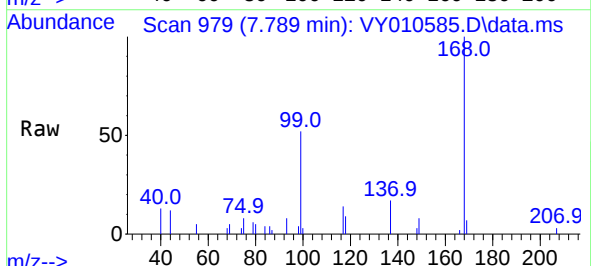
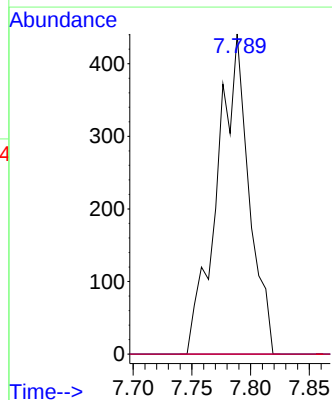
Tgt Ion: 117 Resp: 836

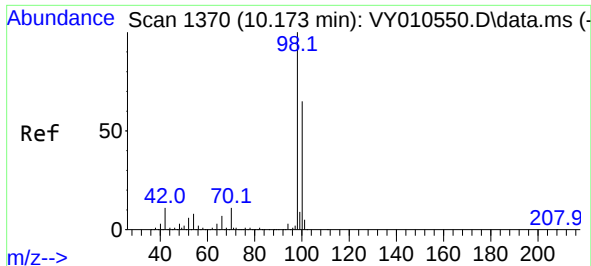
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

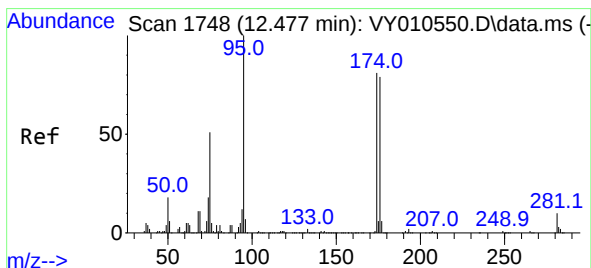
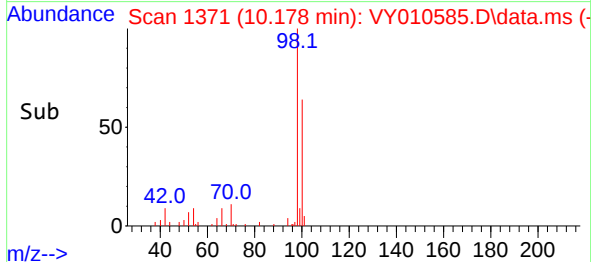
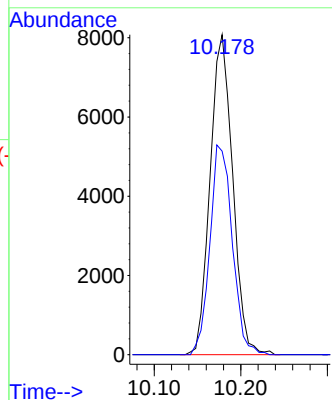
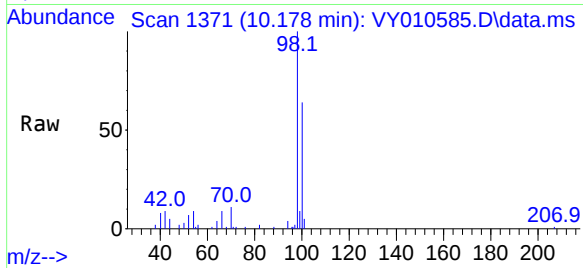




#50
Toluene-d8
Concen: 47.256 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

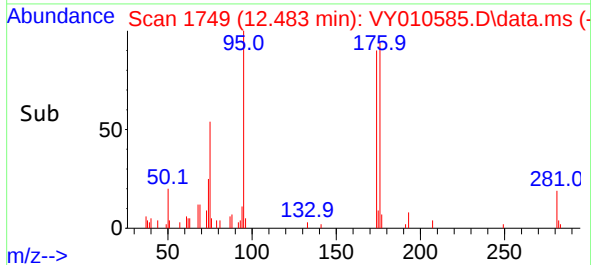
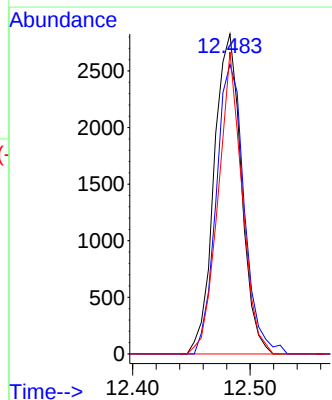
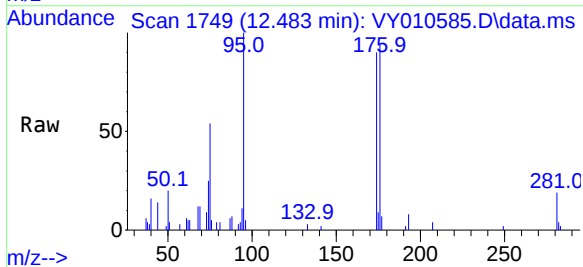
Instrument :
MSVOA_Y
ClientSampleId :

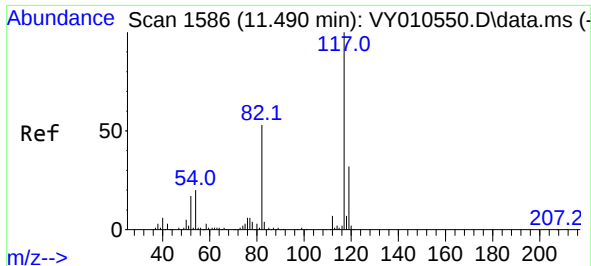
Tgt Ion: 98 Resp: 14616
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.885 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

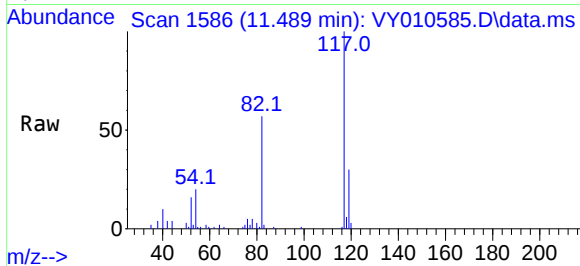
Tgt Ion: 95 Resp: 4550
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 83.3 0.0 175.8



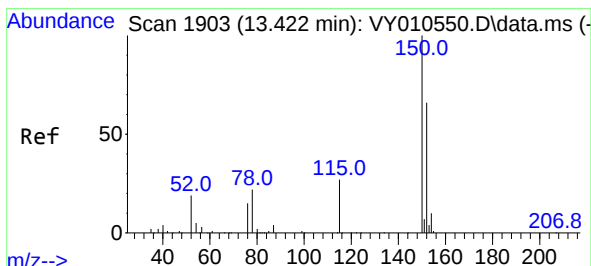
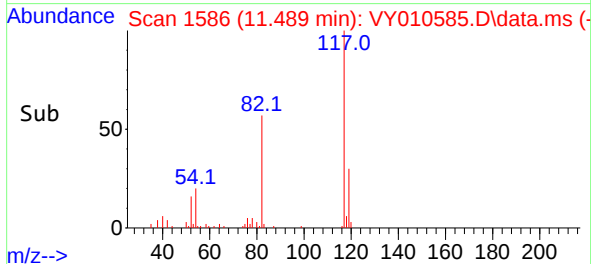
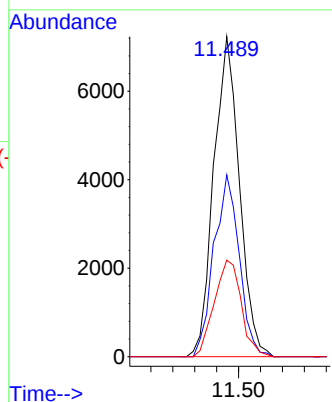


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11752
Delta R.T. -0.001 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

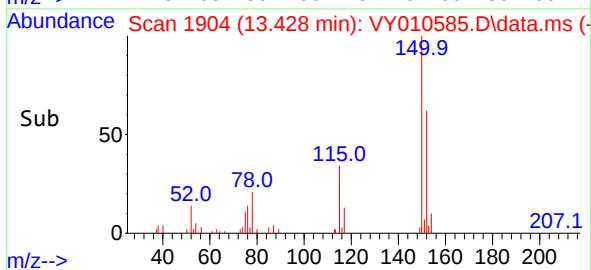
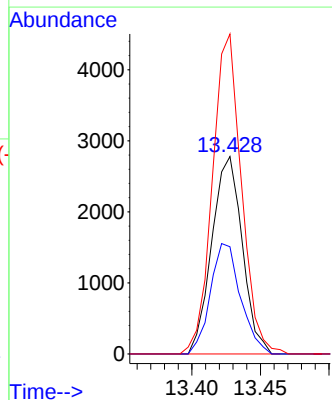
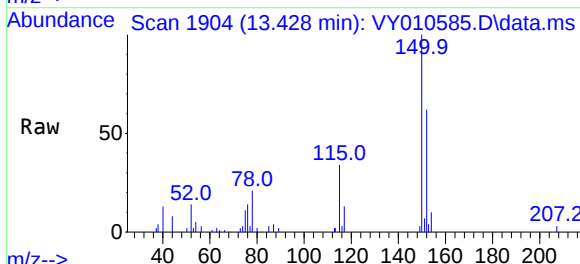


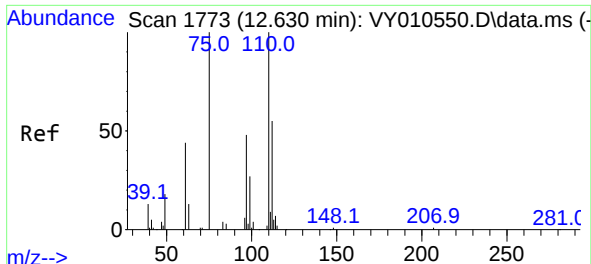
Tgt Ion:	117	Resp:	11752
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.0	64.4
119	30.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion:	152	Resp:	4297
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	154.5	0.0	347.6

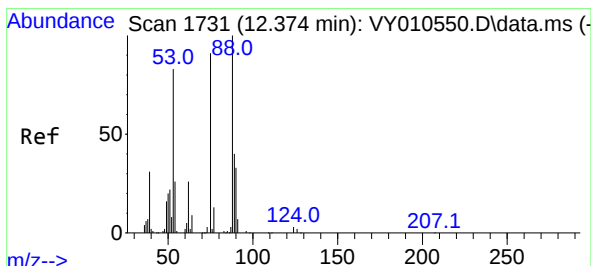
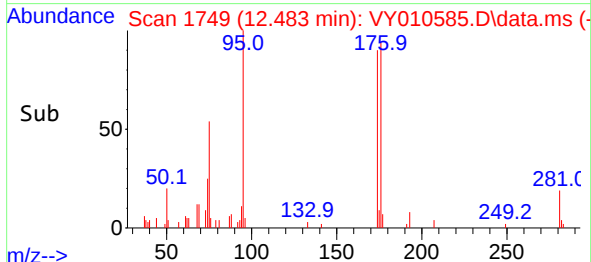
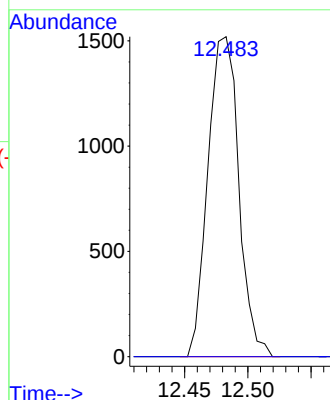
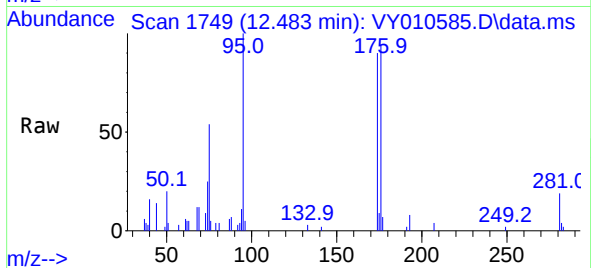




#76
1,2,3-Trichloropropane
Concen: 62.811 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

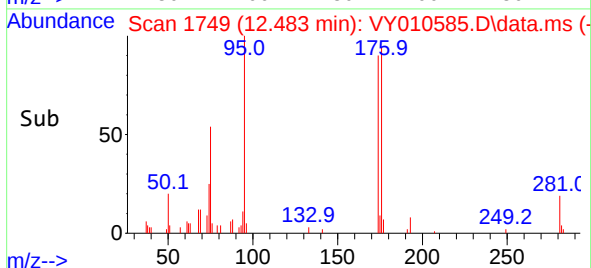
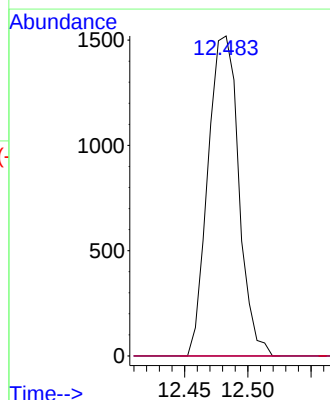
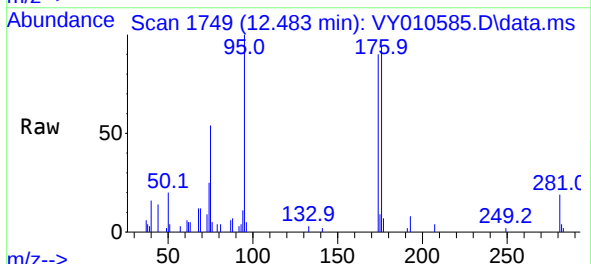
Instrument :
MSVOA_Y
ClientSampleId :

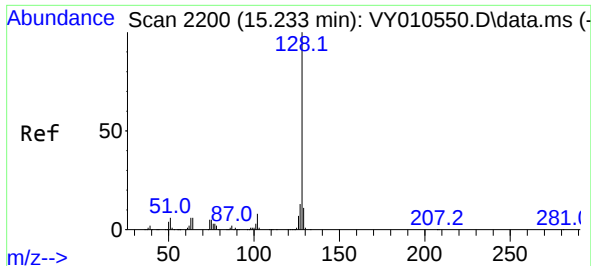
Tgt Ion: 75 Resp: 2576
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 139.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010585.D
Acq: 20 Sep 2022 19:07

Tgt Ion: 75 Resp: 2576
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 7.306 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

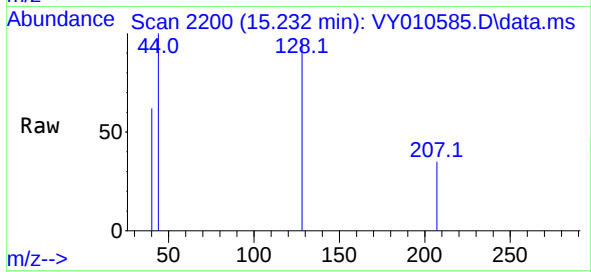
Lab File: VY010585.D

Acq: 20 Sep 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 1026

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 2.5 8.4 12.6#

