

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010587.D
 Acq On : 20 Sep 2022 19:54
 Operator : KP/MD
 Sample : N4697-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 01:22:32 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)

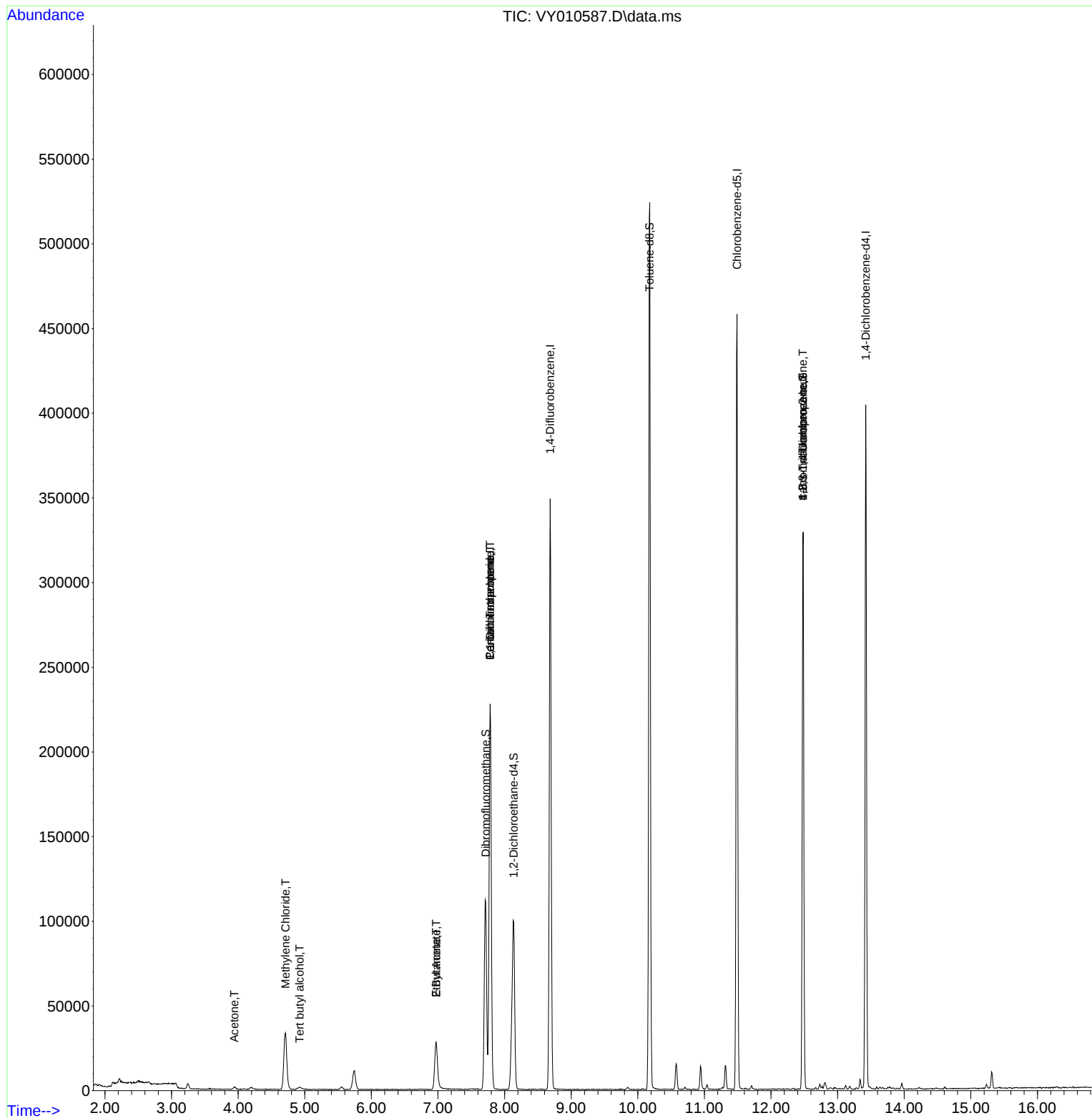
Internal Standards						
1) Pentafluorobenzene	7.783	168	179347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68256	39.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.580%
35) Dibromofluoromethane	7.716	113	81705	43.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.160%
50) Toluene-d8	10.179	98	350947	50.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.477	95	97725	36.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	528	Below Cal		97
3) Chloromethane	2.107	50	421	Below Cal		97
4) Vinyl Chloride	2.333	62	43	Below Cal	#	43
5) Bromomethane	2.650	94	463	Below Cal	#	64
11) Tert butyl alcohol	4.924	59	1918	1.393 ug/l	#	77
16) Acetone	3.942	43	2476	7.078 ug/l		93
17) Carbon Disulfide	4.180	76	59	Below Cal	#	75
18) Methyl Acetate	4.460	43	142	Below Cal	#	56
20) Methylene Chloride	4.710	84	26127	2.848 ug/l	#	82
25) 2-Butanone	6.972	43	1626	2.972 ug/l	#	84
31) Cyclohexane	7.777	56	3563	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	13586	6.430 ug/l	#	51
37) Ethyl Acetate	6.972	43	1626	1.332 ug/l	#	1
38) Carbon Tetrachloride	7.783	117	17853	7.348 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	50765	51.123 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50765	113.669 ug/l	#	7

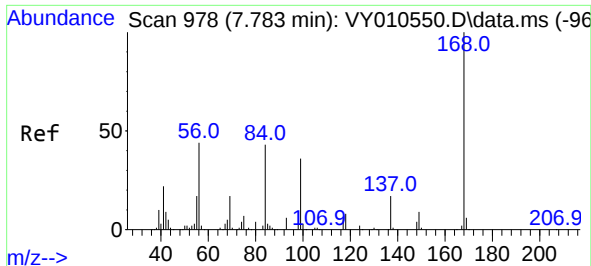
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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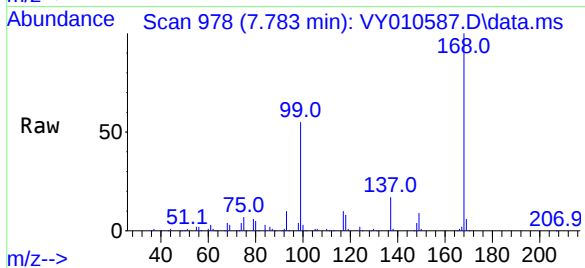
Quant Time: Sep 21 01:22:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration



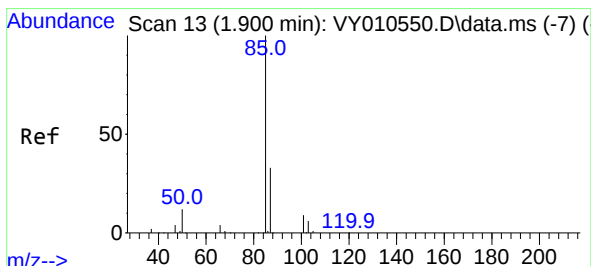
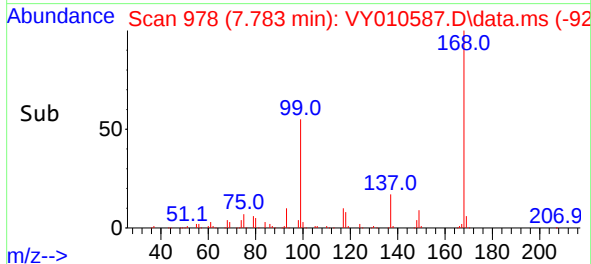
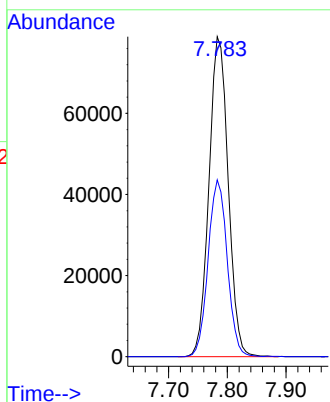


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

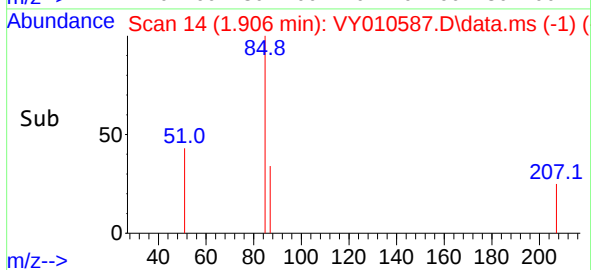
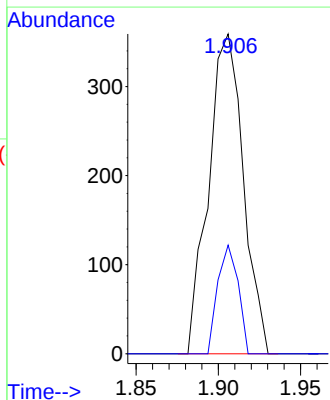
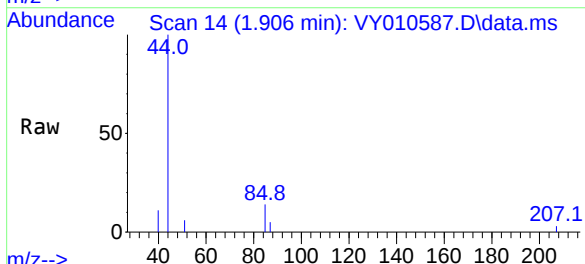


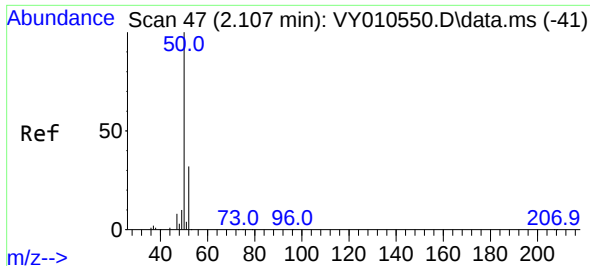
Tgt Ion:168 Resp: 179347
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

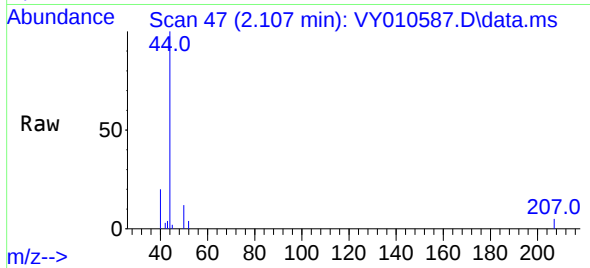
Tgt Ion: 85 Resp: 528
Ion Ratio Lower Upper
85 100
87 34.0 16.1 48.2



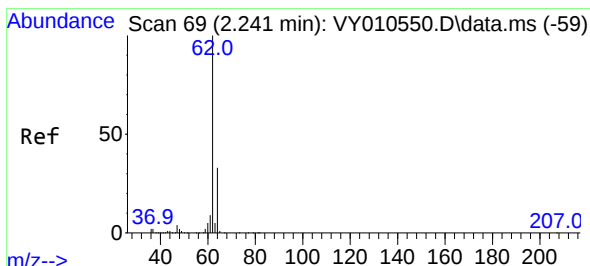
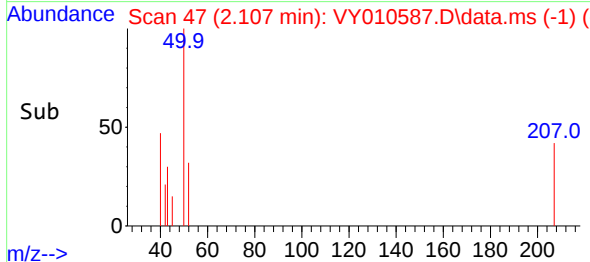
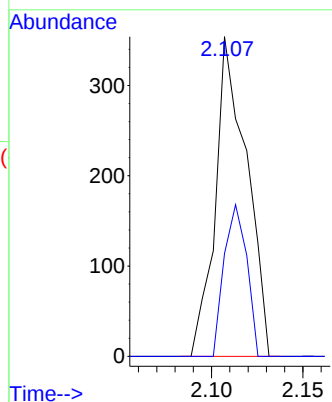


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

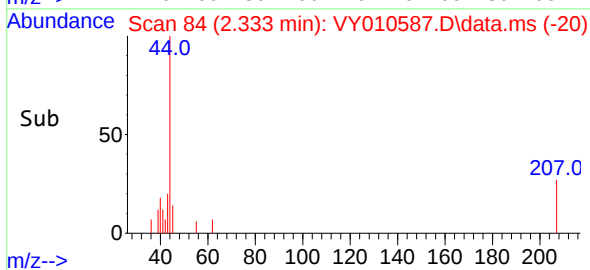
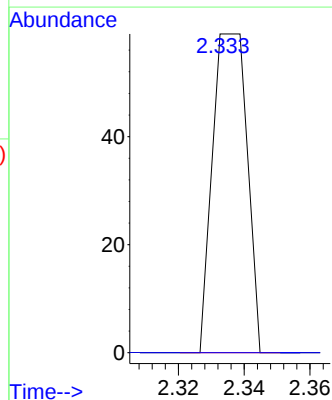
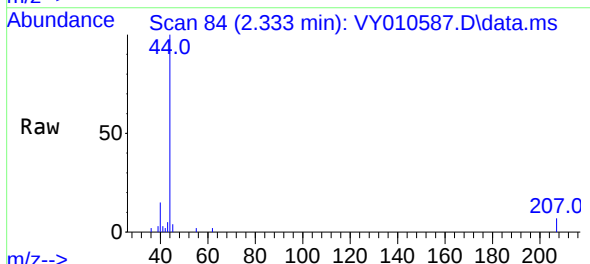


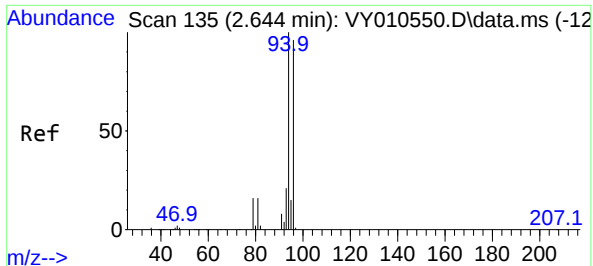
Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.333 min Scan# 84
Delta R.T. 0.092 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

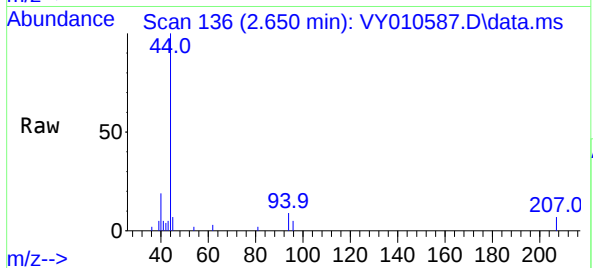
Tgt Ion: 62 Resp: 43
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



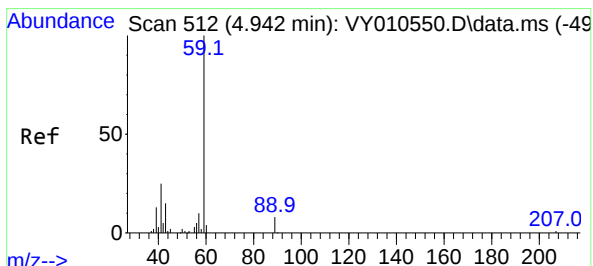
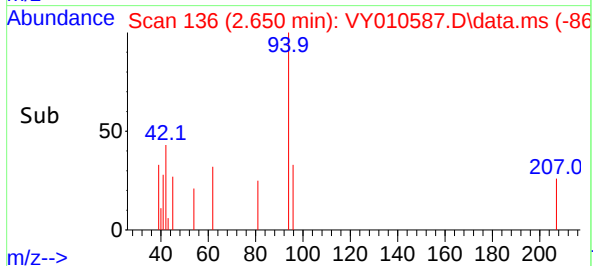
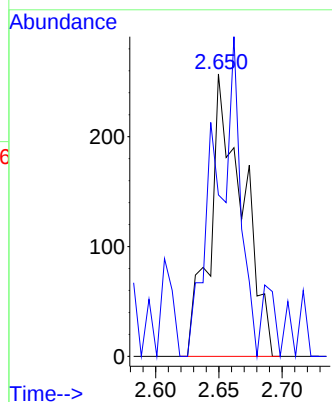


#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

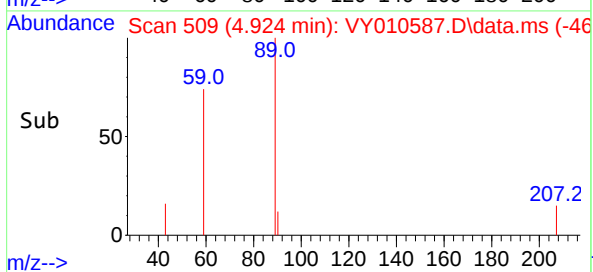
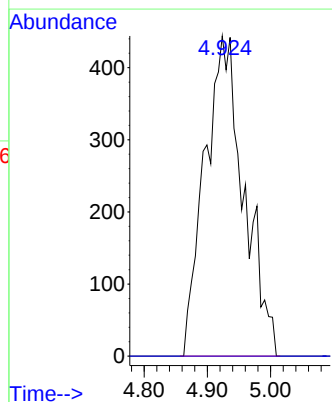
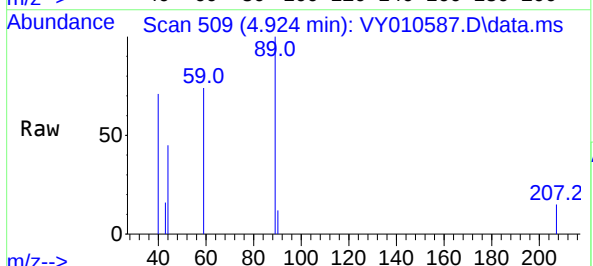


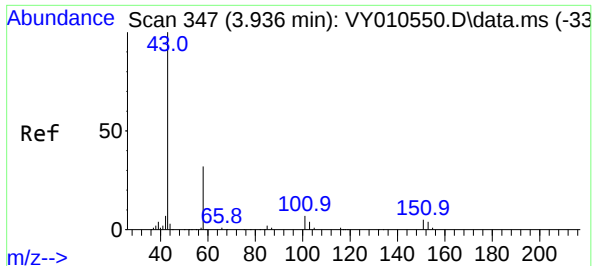
Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 57.2 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.393 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 59 Resp: 1918
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

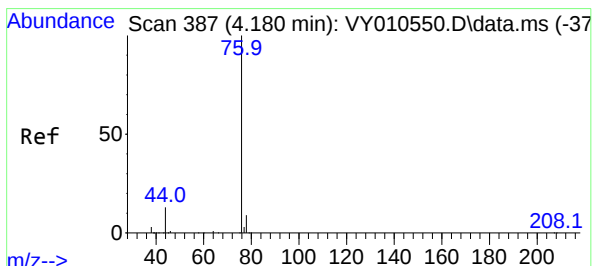
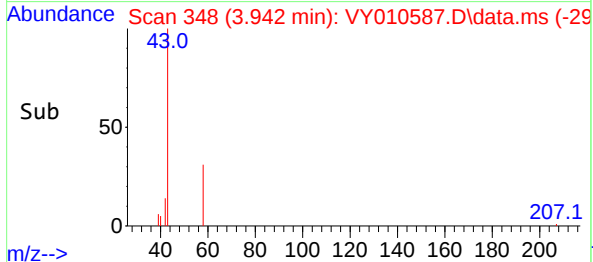
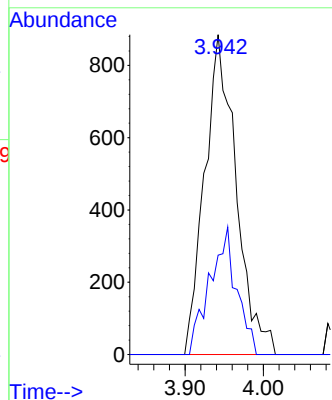
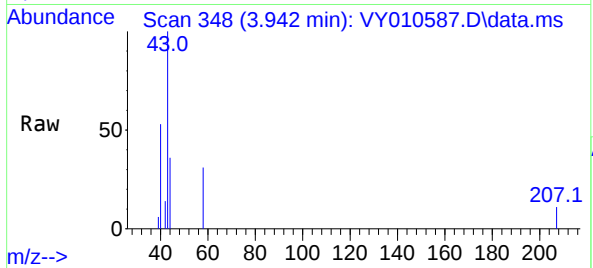




#16
Acetone
Concen: 7.078 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

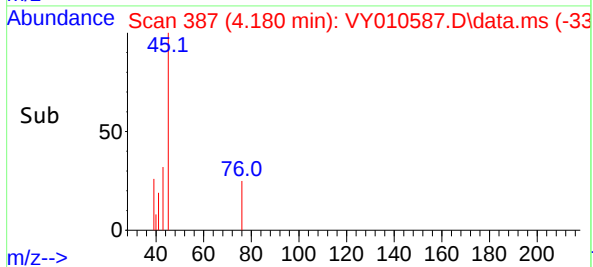
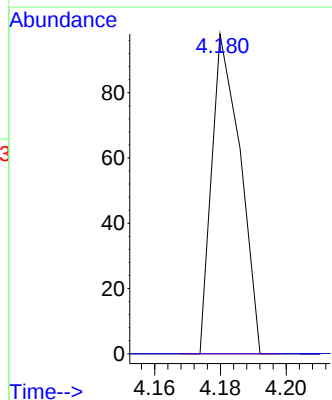
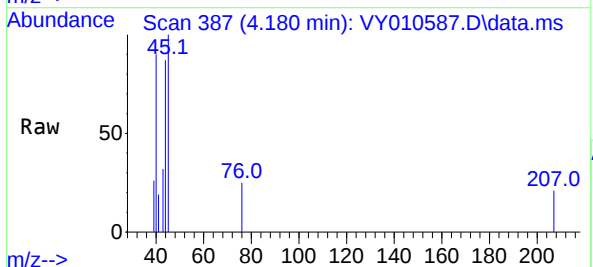
Instrument :
MSVOA_Y
ClientSampleId :

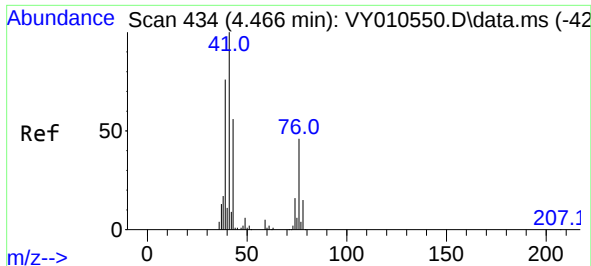
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 76 Resp: 59
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

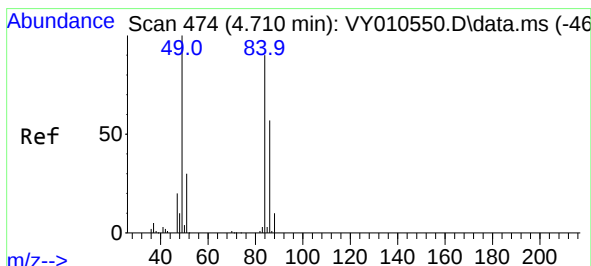
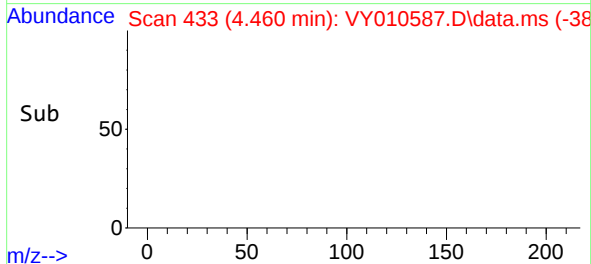
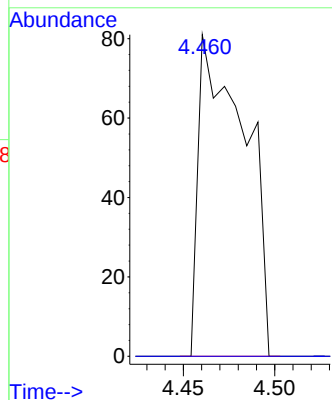
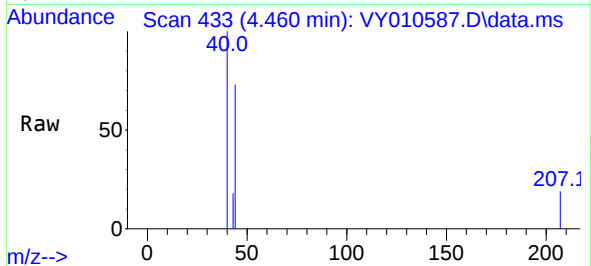




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

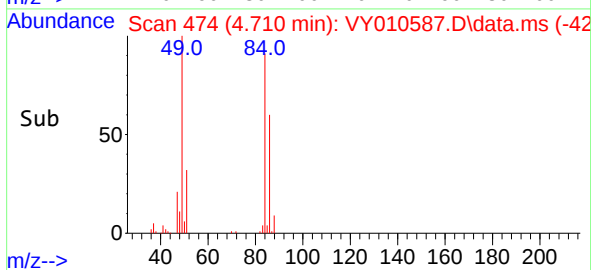
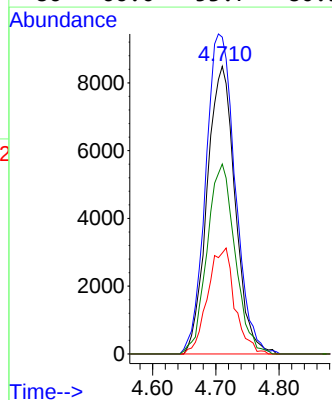
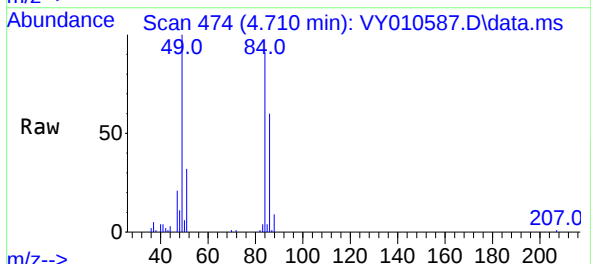
Instrument :
MSVOA_Y
ClientSampleId :

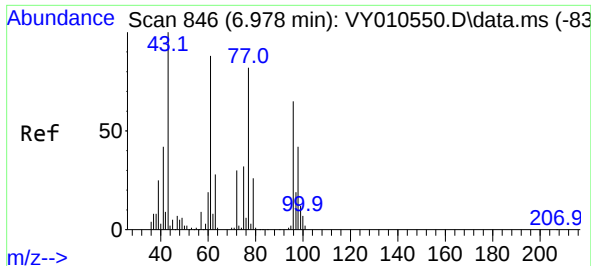
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.848 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 84 Resp: 26127
Ion Ratio Lower Upper
84 100
49 110.1 114.4 171.6#
51 35.1 35.3 52.9#
86 66.0 53.7 80.5





#25

2-Butanone

Concen: 2.972 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

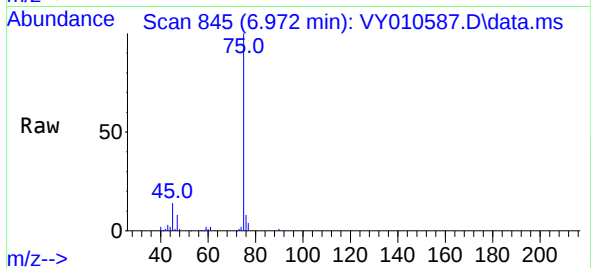
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Acq: 20 Sep 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

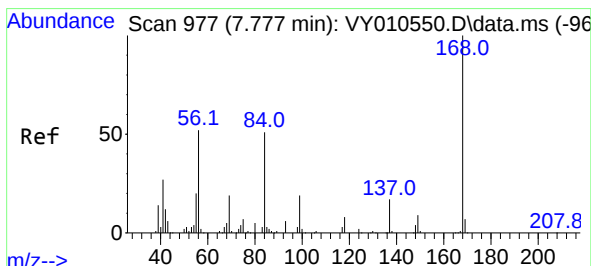
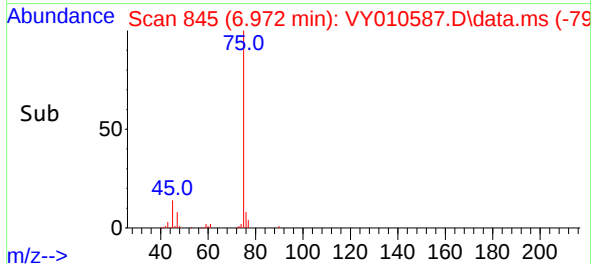
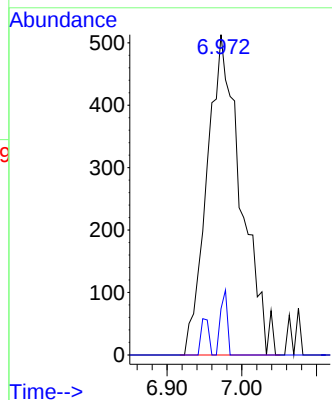


Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

72 14.4 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

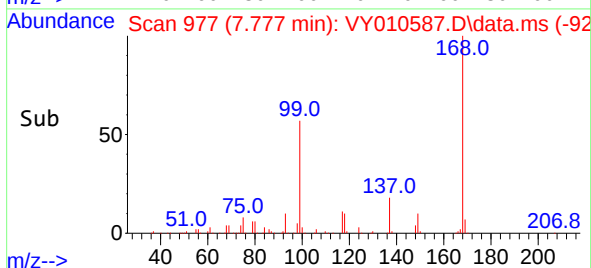
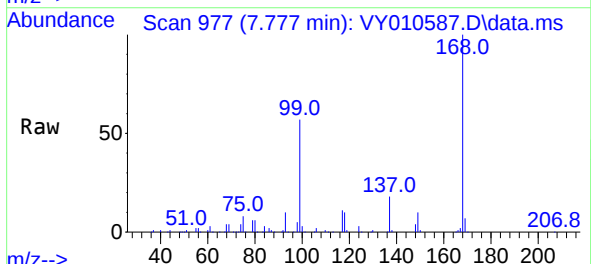
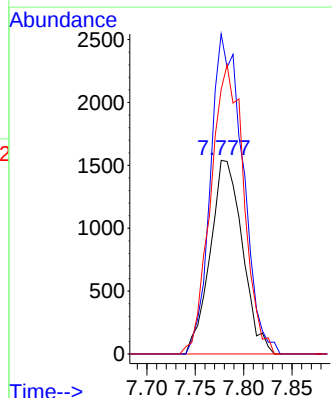
Tgt Ion: 56 Resp: 3563

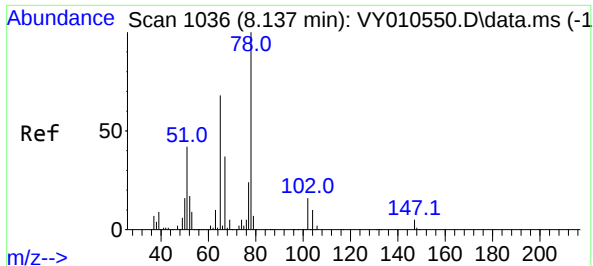
Ion Ratio Lower Upper

56 100

69 165.3 26.7 40.1#

84 136.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 39.790 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

Instrument :

MSVOA_Y

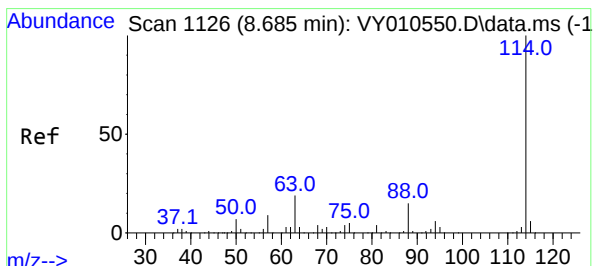
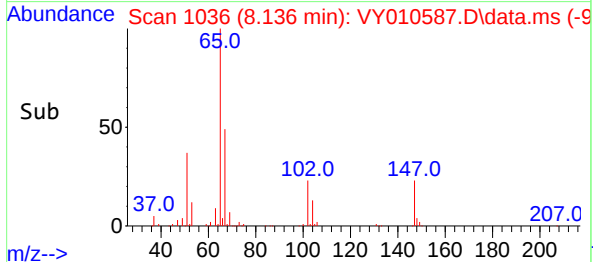
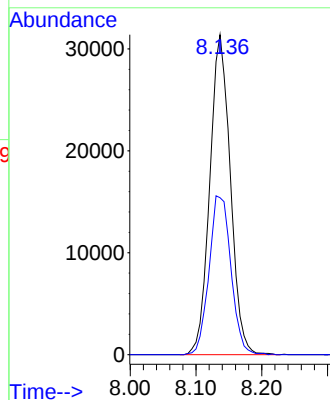
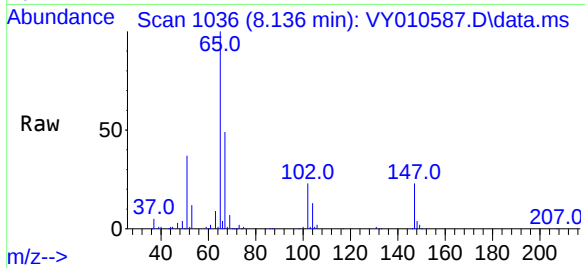
ClientSampleId :

Tgt Ion: 65 Resp: 68256

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# 1126

Delta R.T. 0.000 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

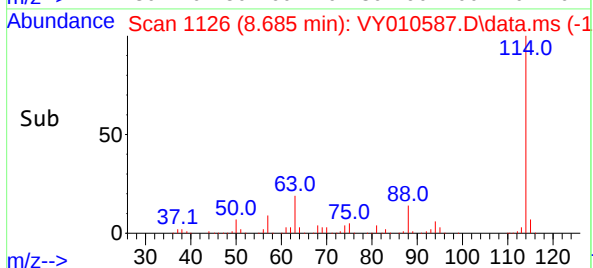
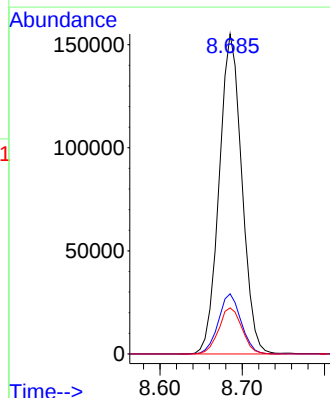
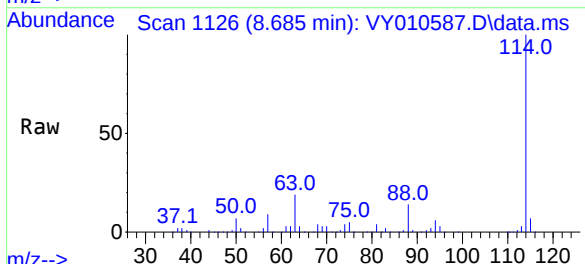
Tgt Ion: 114 Resp: 297150

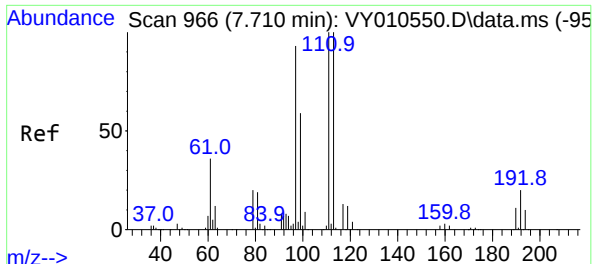
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.4 0.0 31.8

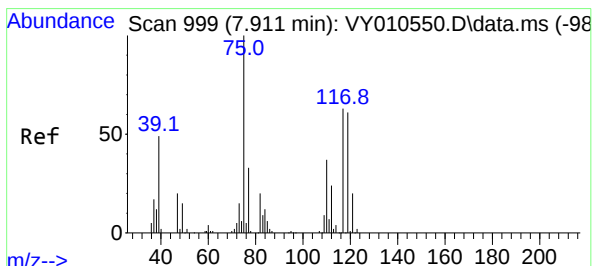
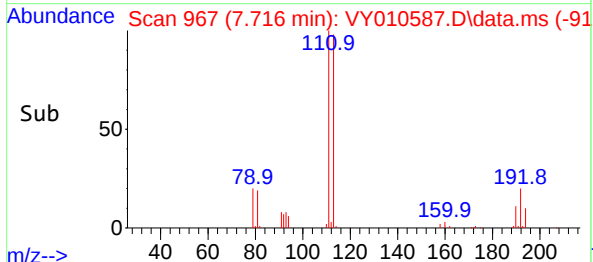
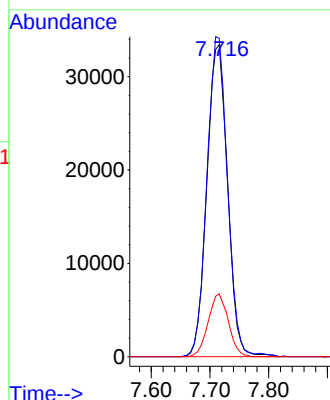
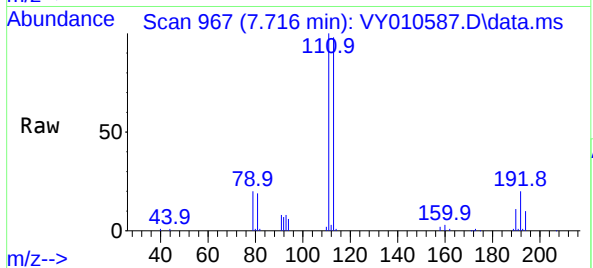




#35
Dibromofluoromethane
Concen: 43.084 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

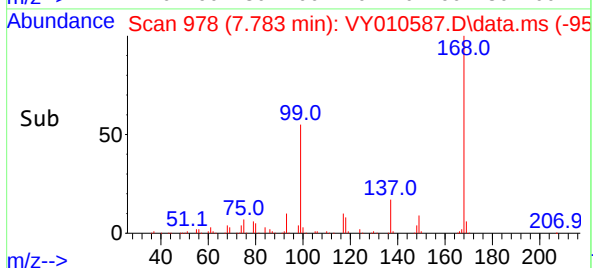
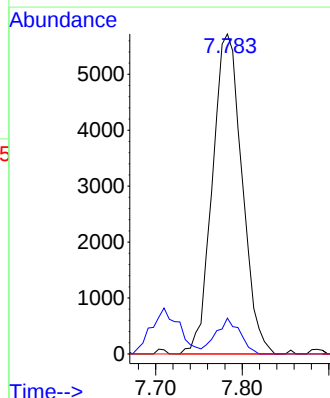
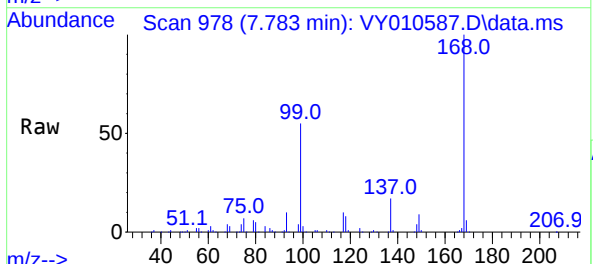
Instrument :
MSVOA_Y
ClientSampleId :

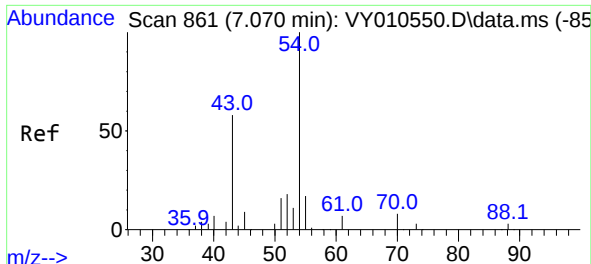
Tgt Ion:113 Resp: 81705
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.430 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 75 Resp: 13586
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.332 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010587.D

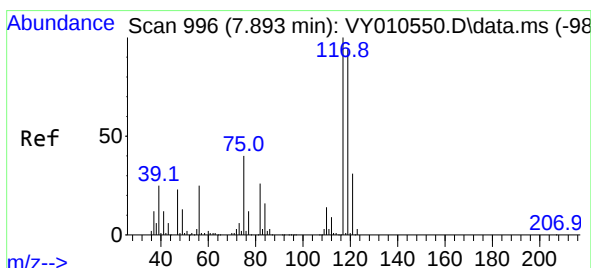
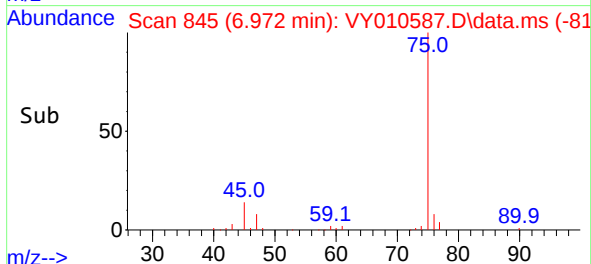
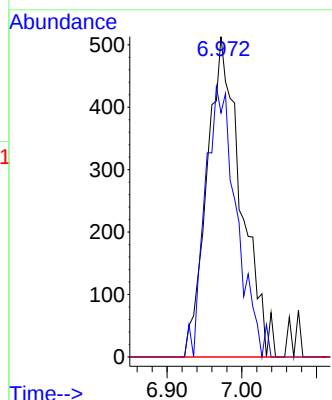
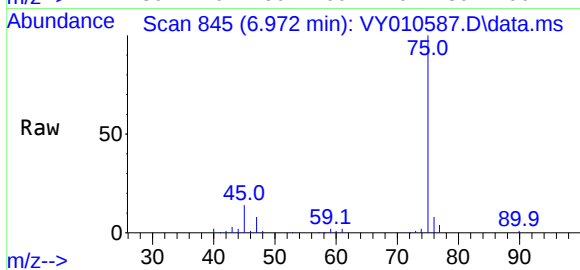
Acq: 20 Sep 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	1626
Ion	Ratio	Lower	Upper
43	100		
61	77.9	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 7.348 ug/l

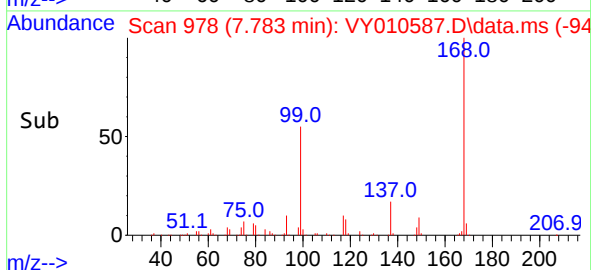
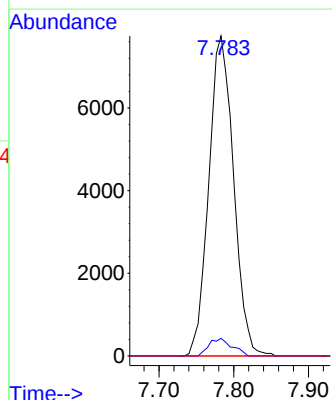
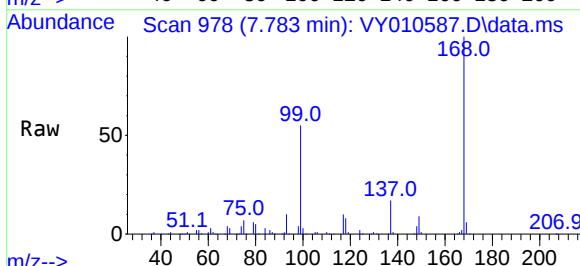
RT: 7.783 min Scan# 978

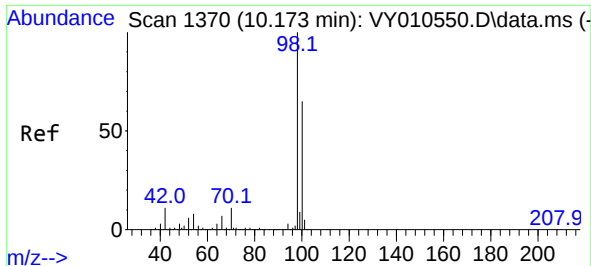
Delta R.T. -0.110 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

Tgt Ion:	117	Resp:	17853
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#

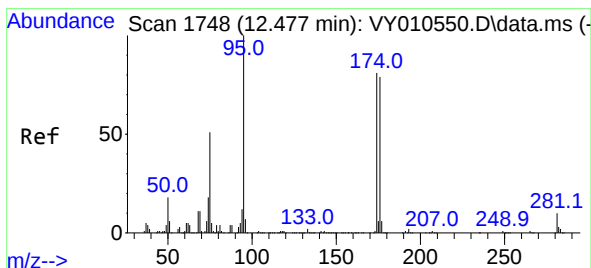
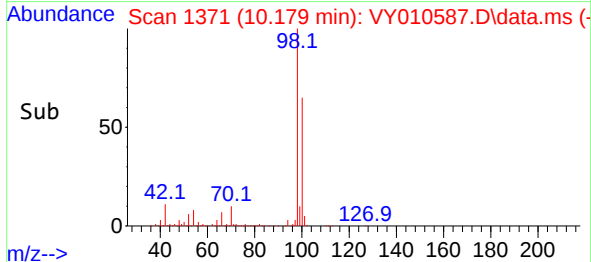
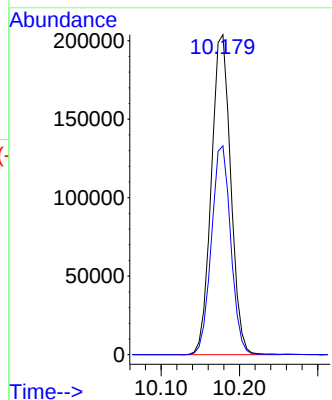
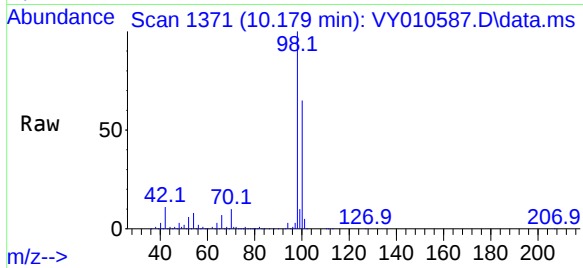




#50
Toluene-d8
Concen: 50.068 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

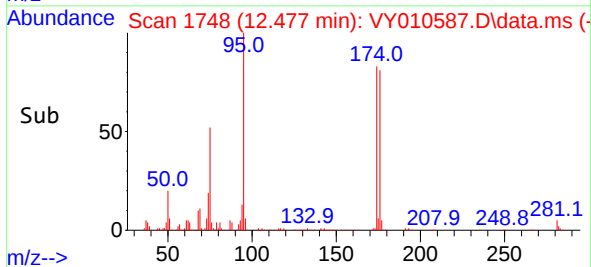
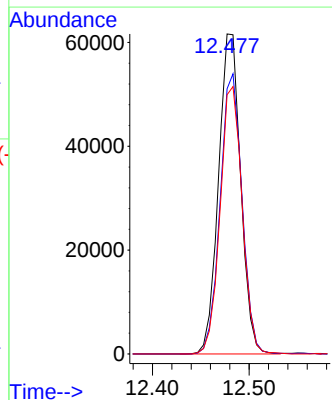
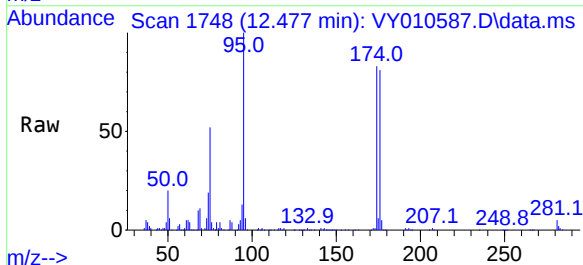
Instrument :
MSVOA_Y
ClientSampleId :

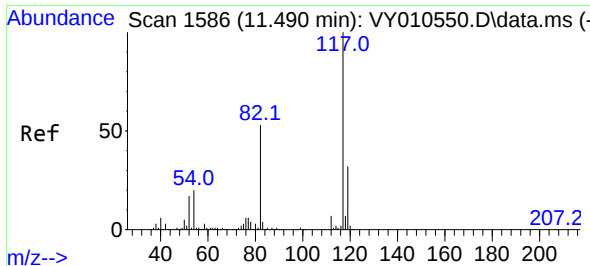
Tgt Ion: 98 Resp: 350947
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

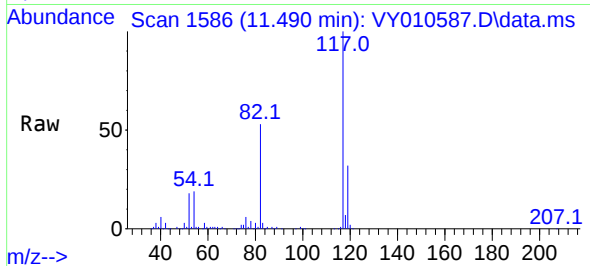
Tgt Ion: 95 Resp: 97725
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.3 0.0 175.8



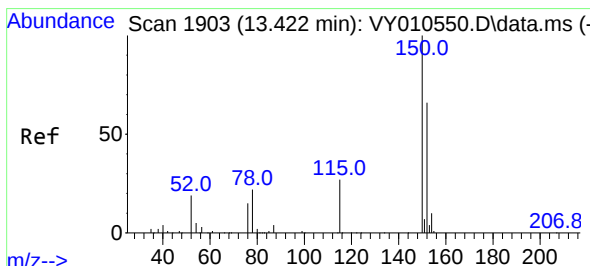
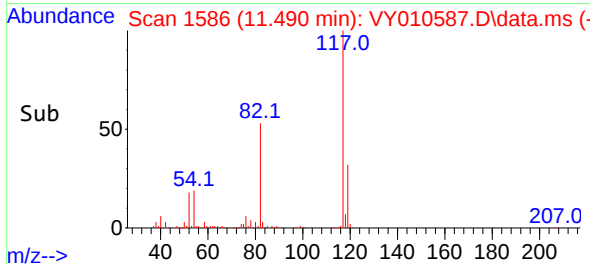
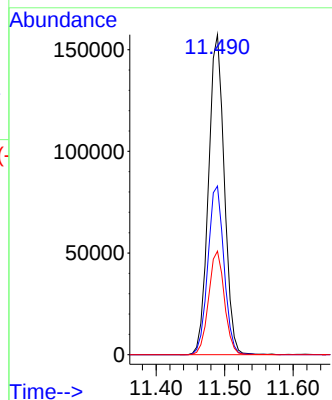


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

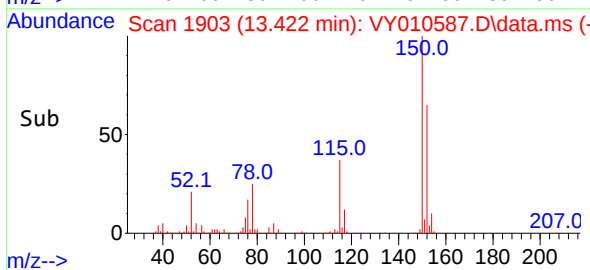
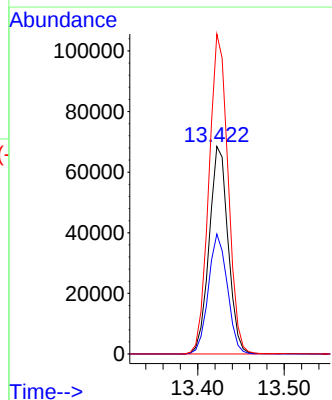
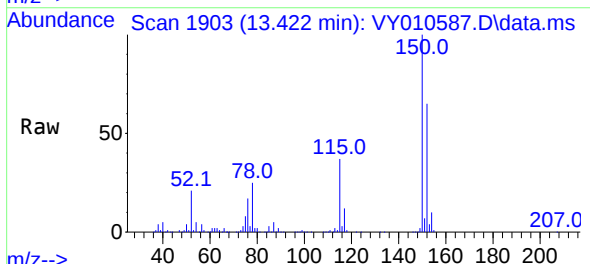


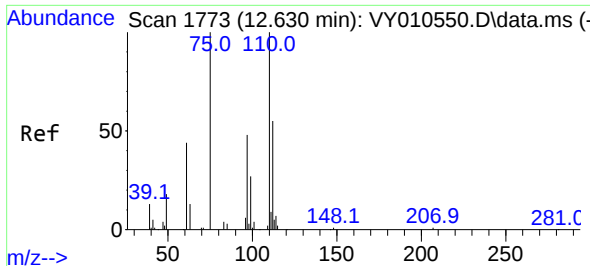
Tgt Ion:117 Resp: 252387
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion:152 Resp: 104040
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 155.8 0.0 347.6

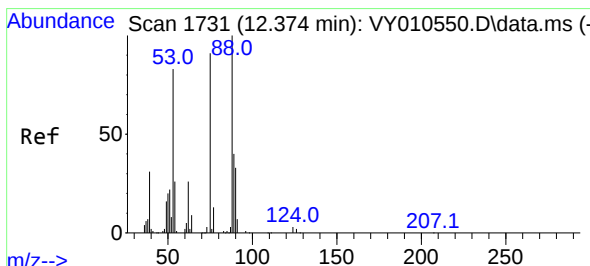
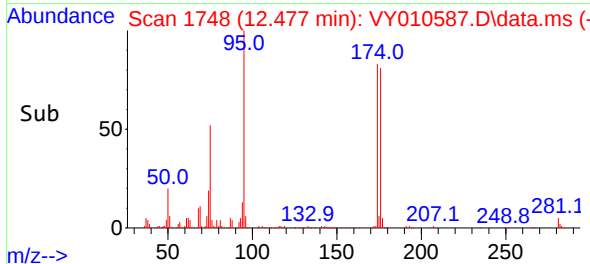
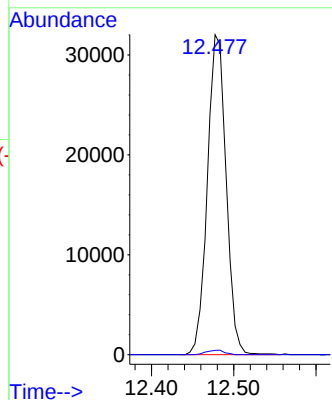
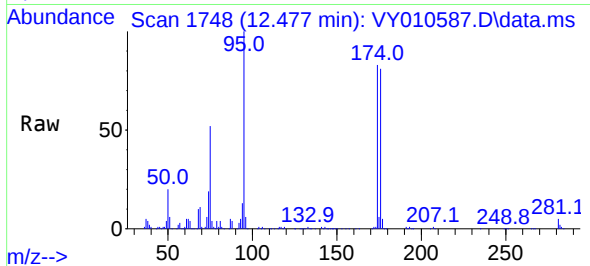




#76
1,2,3-Trichloropropane
Concen: 51.123 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50765
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.669 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 75 Resp: 50765
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

