

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010576.D
 Acq On : 20 Sep 2022 15:12
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 01:20:52 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)

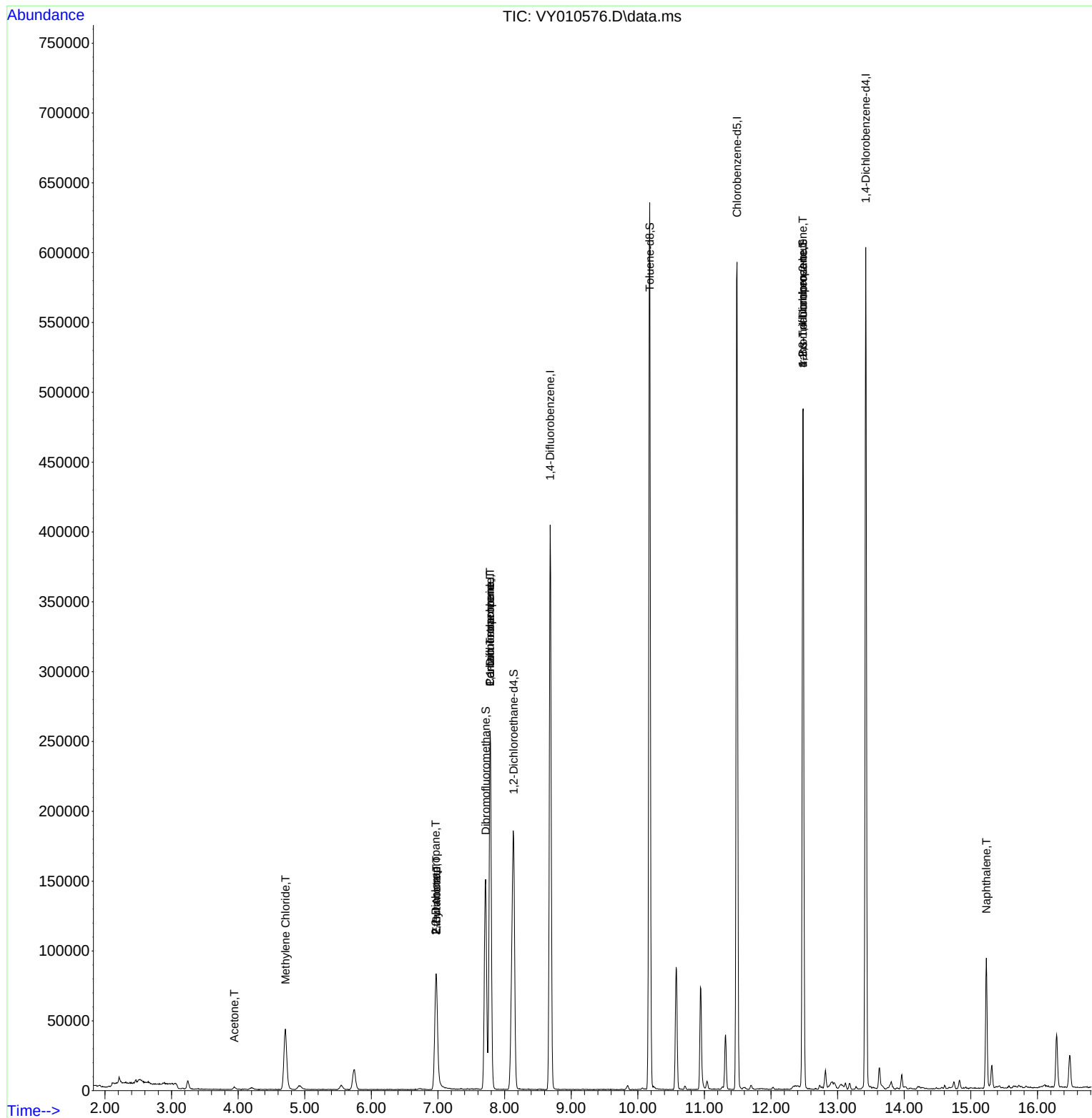
Internal Standards						
1) Pentafluorobenzene	7.783	168	204776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114064	58.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	108257	48.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.179	98	415819	49.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	146169	47.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	475	Below Cal		72
3) Chloromethane	2.113	50	749	Below Cal		99
4) Vinyl Chloride	2.265	62	59	Below Cal	#	43
5) Bromomethane	2.656	94	435	Below Cal	#	80
11) Tert butyl alcohol	4.911	59	1442	Below Cal	#	77
16) Acetone	3.942	43	2845	7.123 ug/l	#	89
17) Carbon Disulfide	4.186	76	141	Below Cal	#	75
18) Methyl Acetate	4.460	43	81	Below Cal	#	56
20) Methylene Chloride	4.710	84	32953	4.771 ug/l	#	84
25) 2-Butanone	6.978	43	4386	7.020 ug/l	#	87
26) 2,2-Dichloropropane	6.966	77	6454	2.173 ug/l	#	55
31) Cyclohexane	7.783	56	3931	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	15387	6.129 ug/l	#	51
37) Ethyl Acetate	6.978	43	4386	3.025 ug/l	#	1
38) Carbon Tetrachloride	7.783	117	19668	6.813 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	75091	51.333 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75091	114.136 ug/l	#	7
95) Naphthalene	15.233	128	78248	15.622 ug/l		97

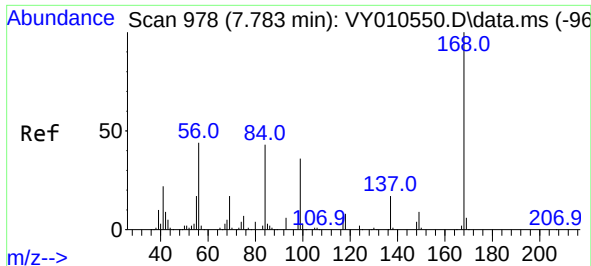
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 21 01:20:52 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

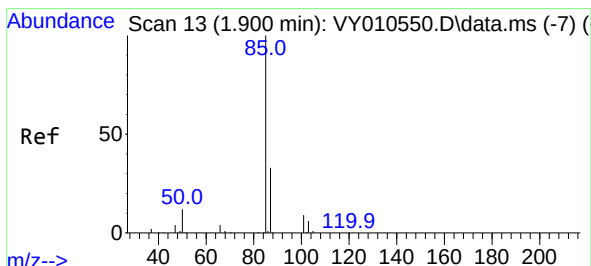
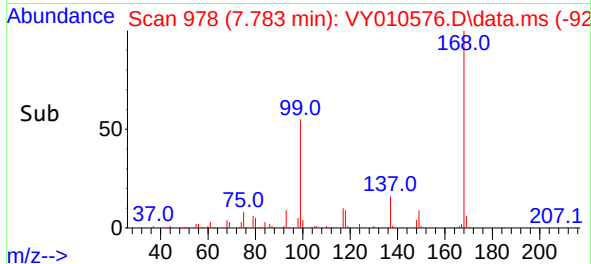
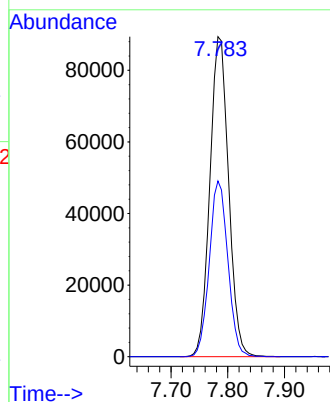
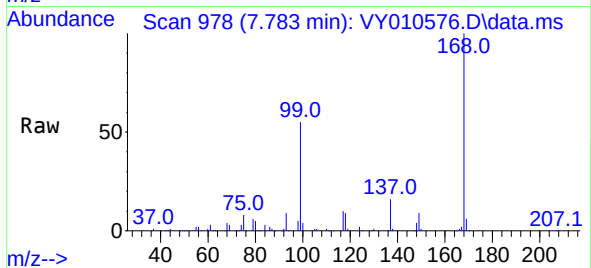




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

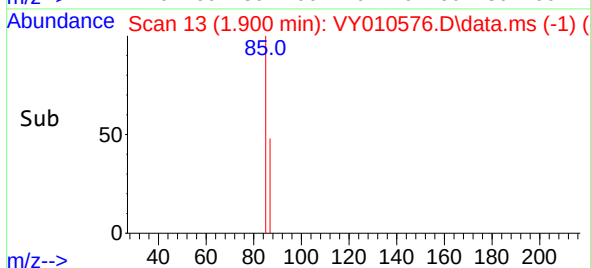
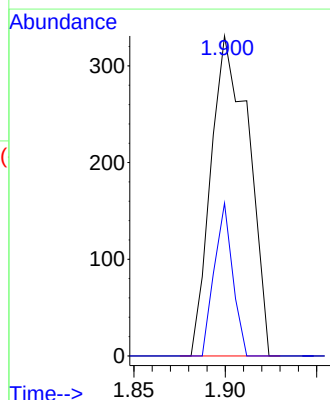
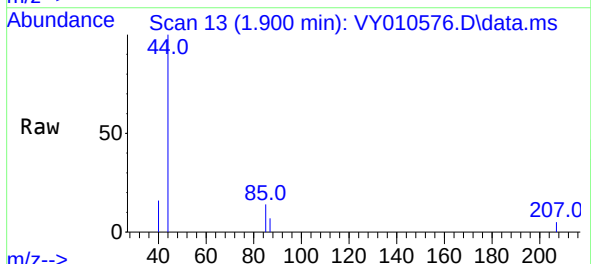
Instrument :
MSVOA_Y
ClientSampleId :

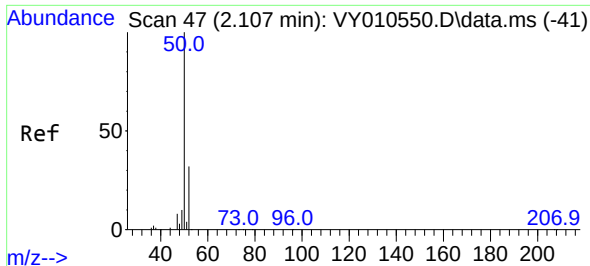
Tgt Ion:168 Resp: 204776
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

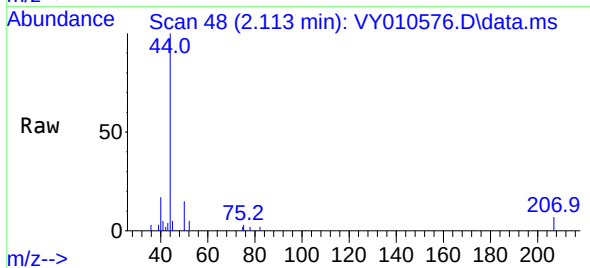
Tgt Ion: 85 Resp: 475
Ion Ratio Lower Upper
85 100
87 47.7 16.1 48.2



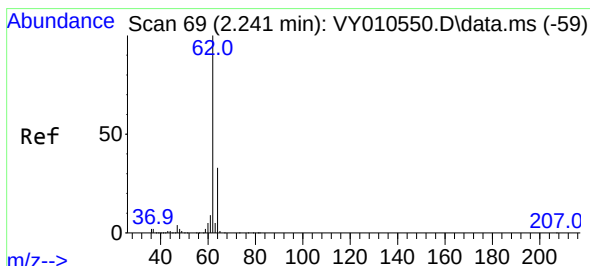
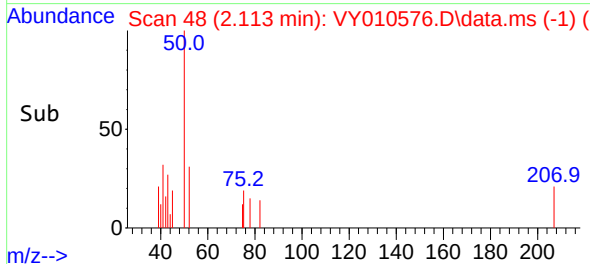
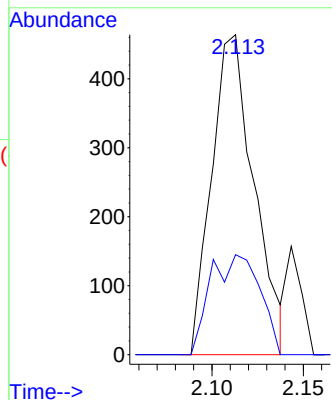


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

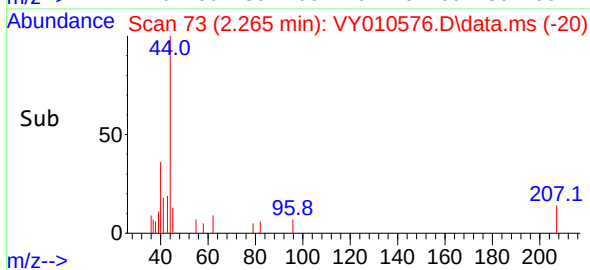
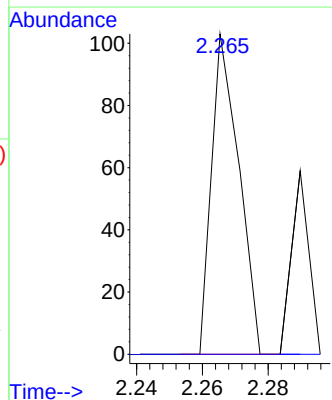
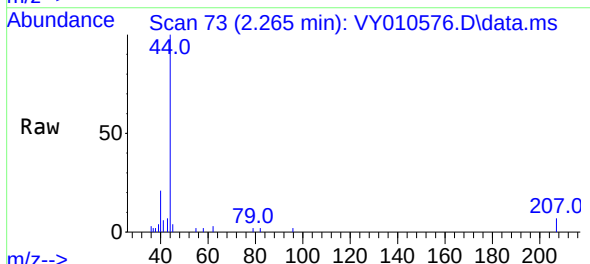


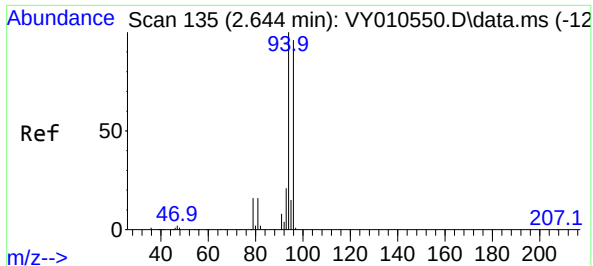
Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 31.3 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.265 min Scan# 73
Delta R.T. 0.024 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

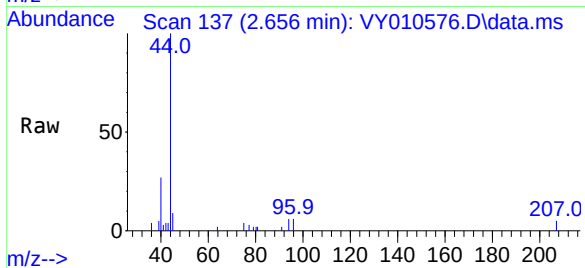
Tgt Ion: 62 Resp: 59
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



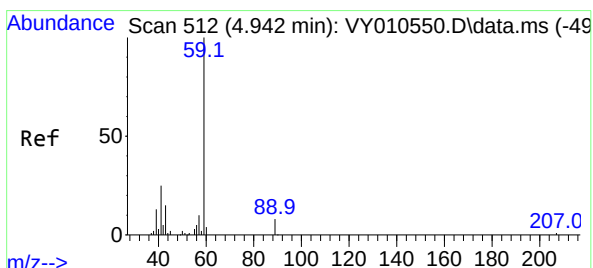
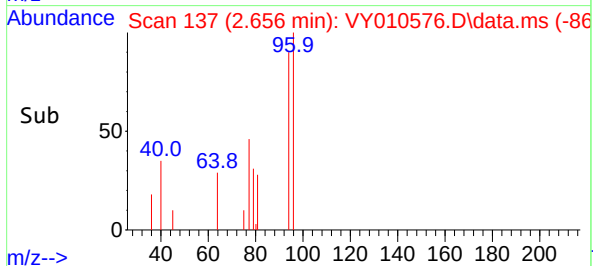
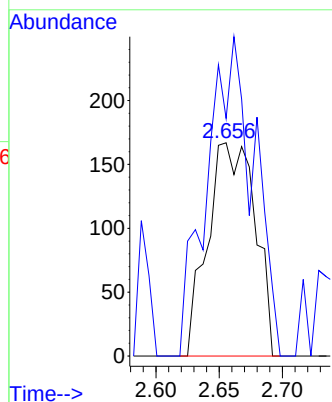


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

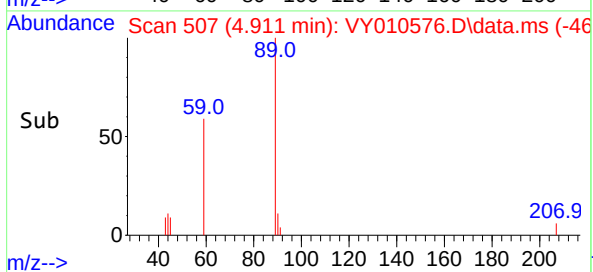
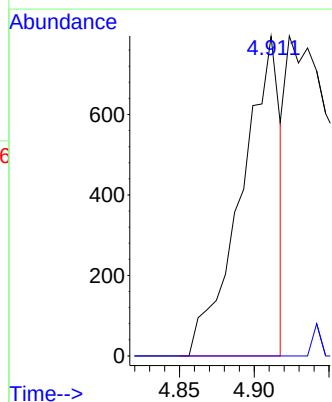
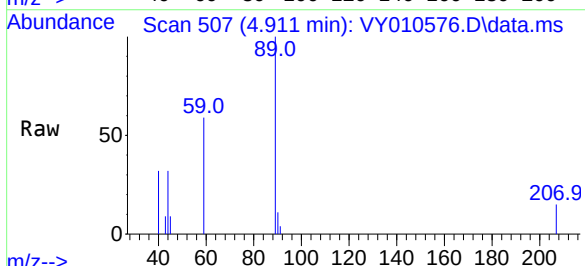


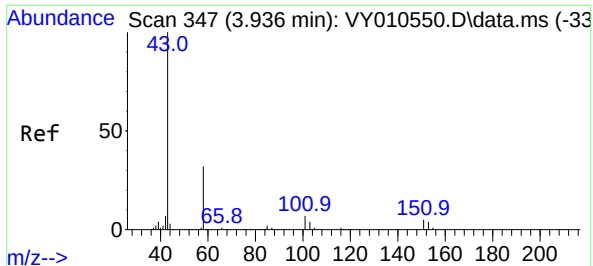
Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 111.4 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 59 Resp: 1442
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

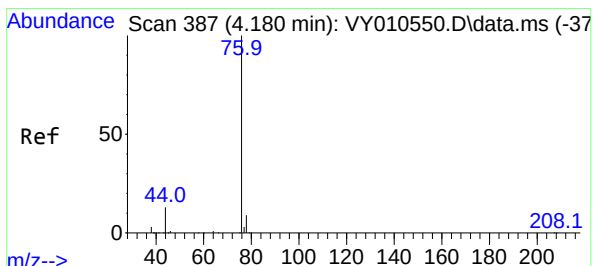
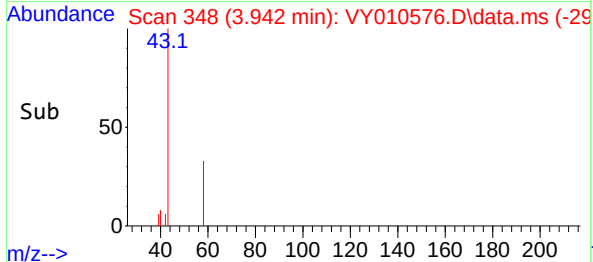
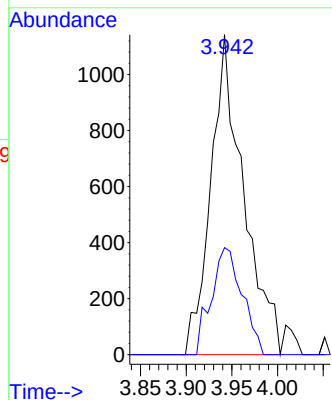
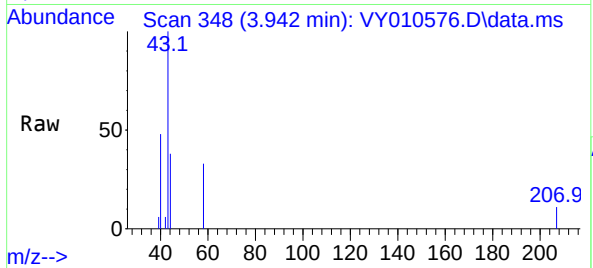




#16
Acetone
Concen: 7.123 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

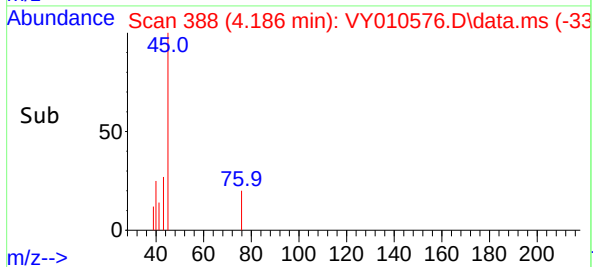
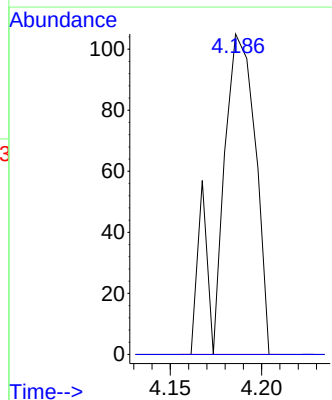
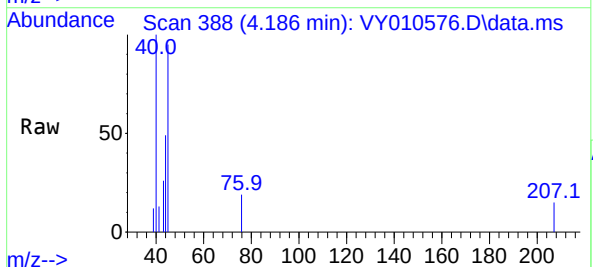
Instrument :
MSVOA_Y
ClientSampleId :

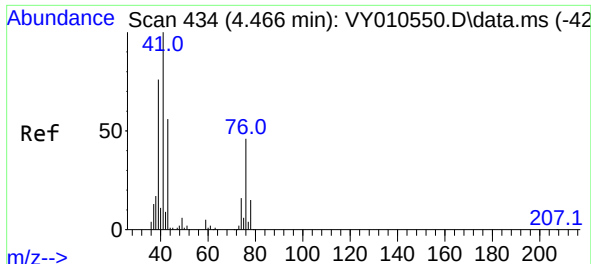
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

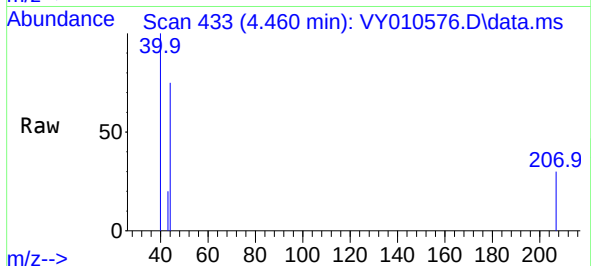
Tgt Ion: 76 Resp: 141
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



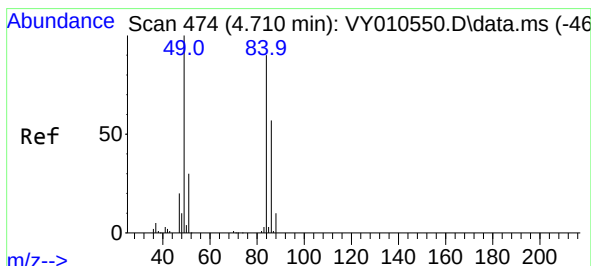
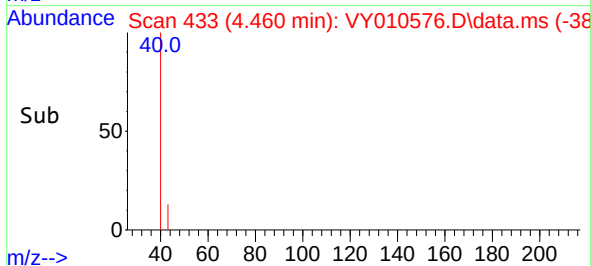
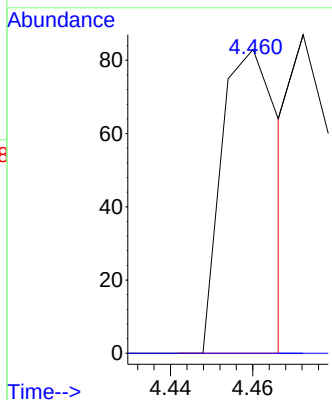


#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

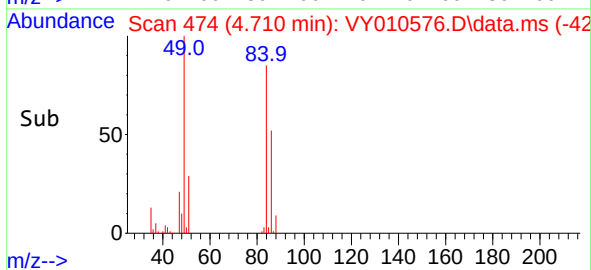
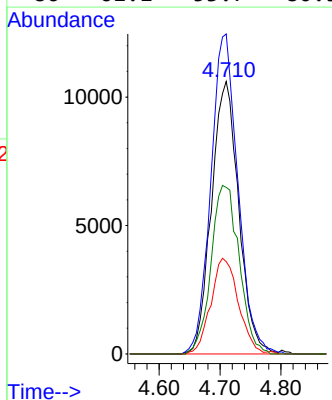
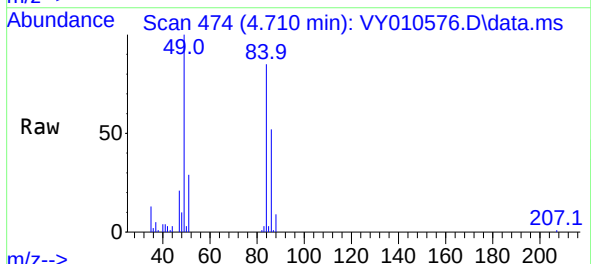


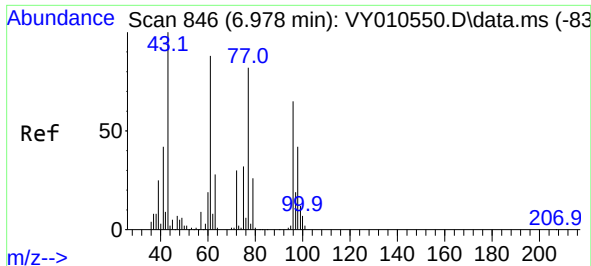
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.771 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 84 Resp: 32953
Ion Ratio Lower Upper
84 100
49 117.4 114.4 171.6
51 33.9 35.3 52.9#
86 61.1 53.7 80.5





#25

2-Butanone

Concen: 7.020 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

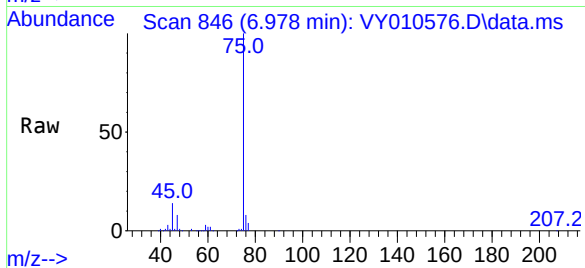
Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

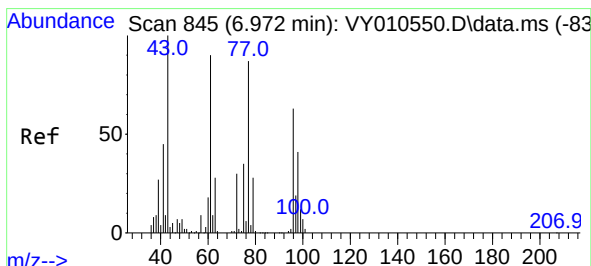
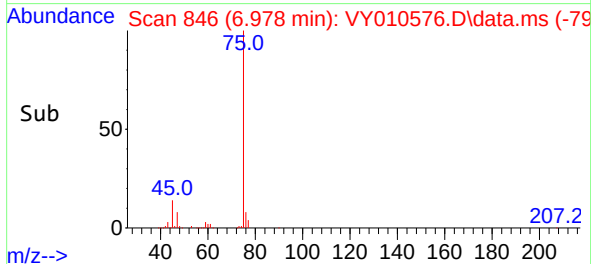
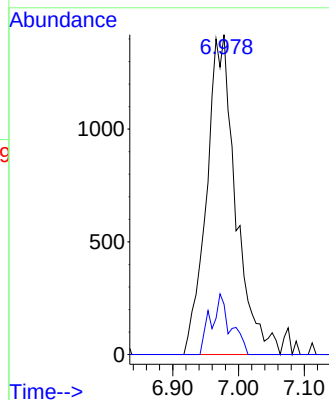


Tgt Ion: 43 Resp: 4386

Ion Ratio Lower Upper

43 100

72 15.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 2.173 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY010576.D

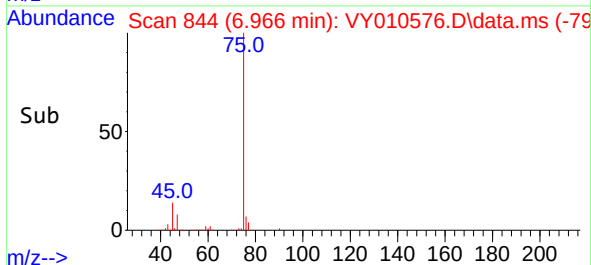
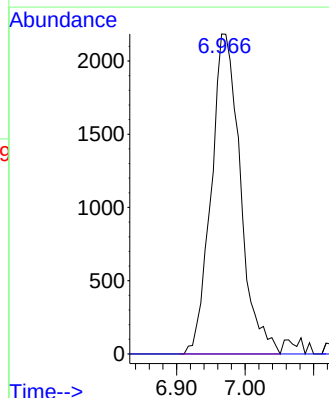
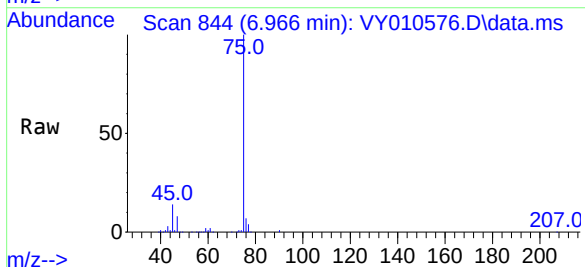
Acq: 20 Sep 2022 15:12

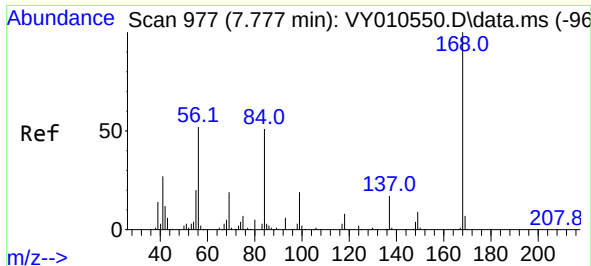
Tgt Ion: 77 Resp: 6454

Ion Ratio Lower Upper

77 100

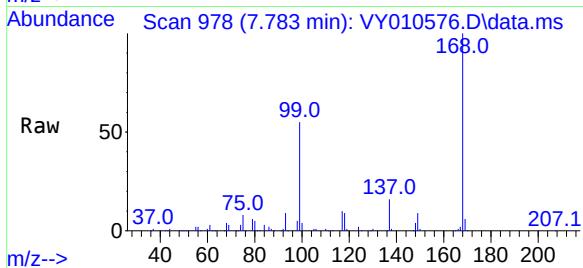
97 0.0 10.4 31.4#



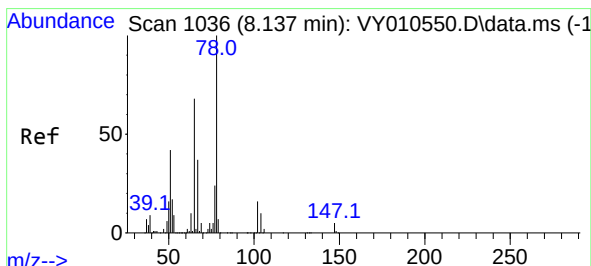
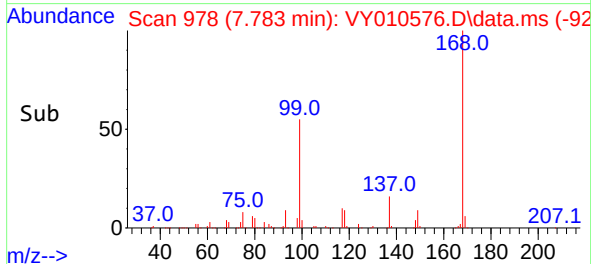
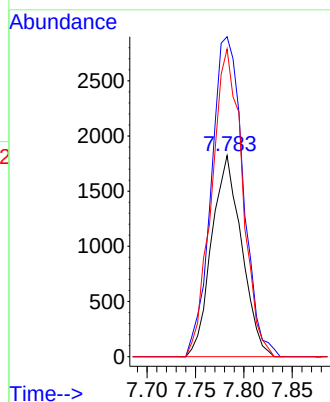


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

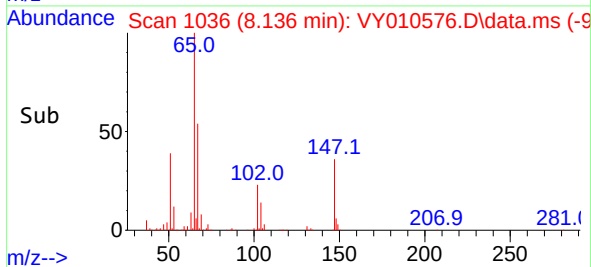
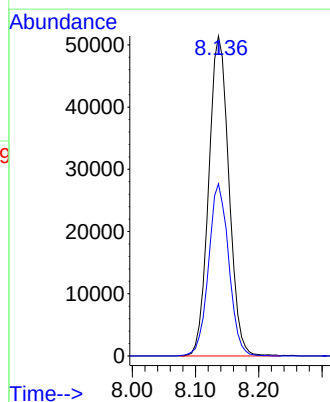
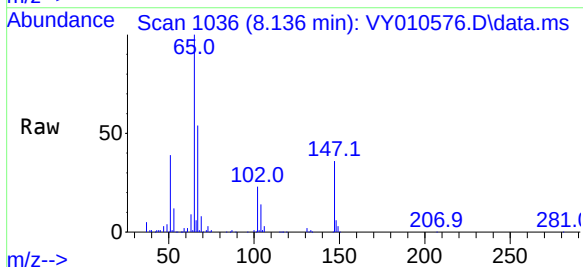


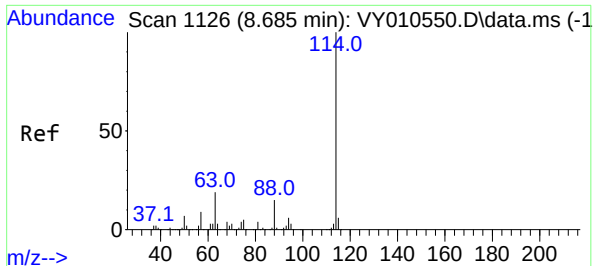
Tgt Ion: 56 Resp: 3931
Ion Ratio Lower Upper
56 100
69 159.1 26.7 40.1#
84 152.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.237 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 65 Resp: 114064
Ion Ratio Lower Upper
65 100
67 53.8 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: VY010576.D

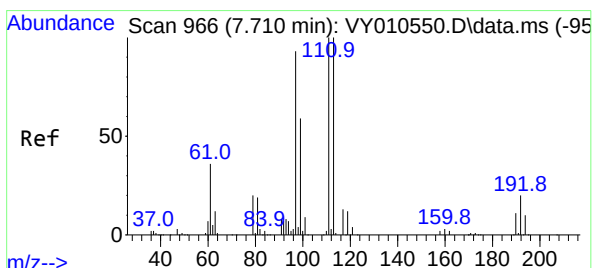
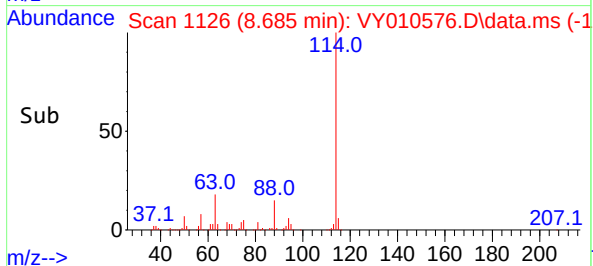
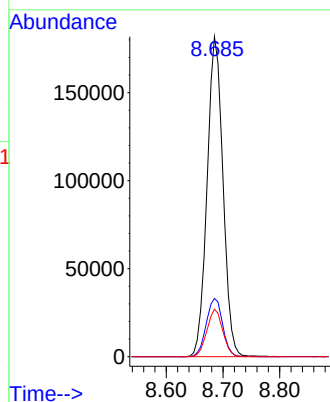
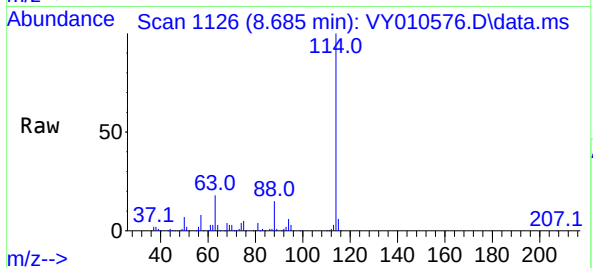
Acq: 20 Sep 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	353064
Ion	Ratio	Lower Upper
114	100	
63	18.2	0.0 43.2
88	14.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 48.045 ug/l

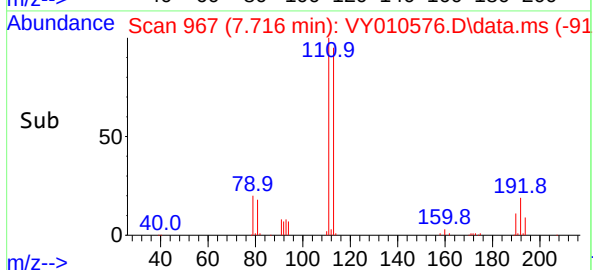
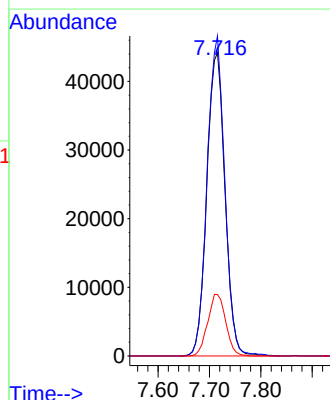
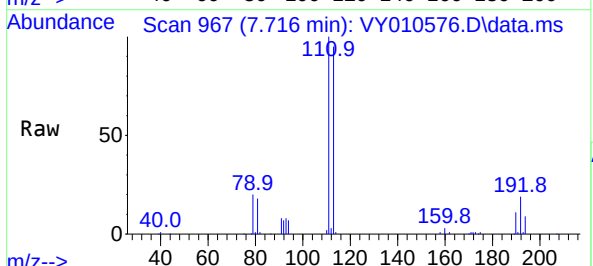
RT: 7.716 min Scan# 967

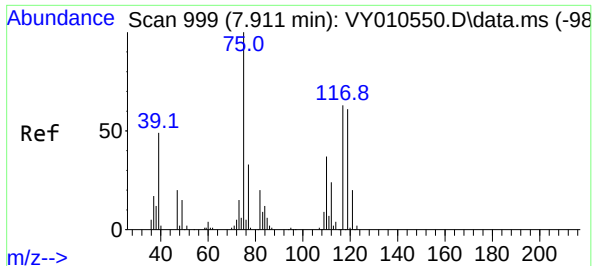
Delta R.T. 0.006 min

Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

Tgt Ion:113	Resp:	108257
Ion	Ratio	Lower Upper
113	100	
111	102.6	82.6 124.0
192	20.2	17.6 26.4





#36

1,1-Dichloropropene

Concen: 6.129 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

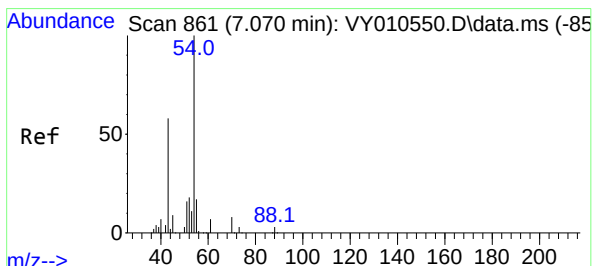
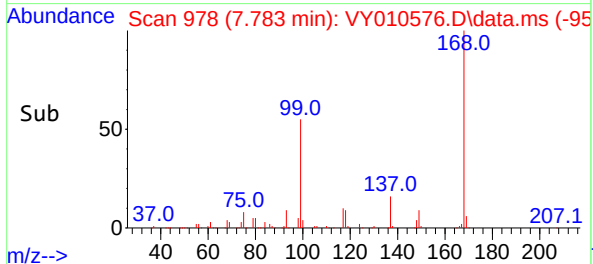
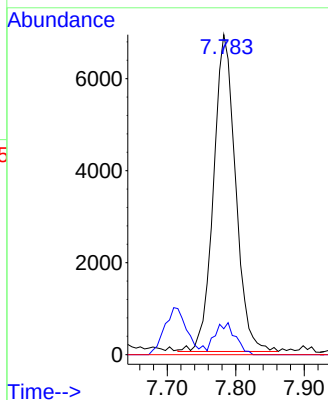
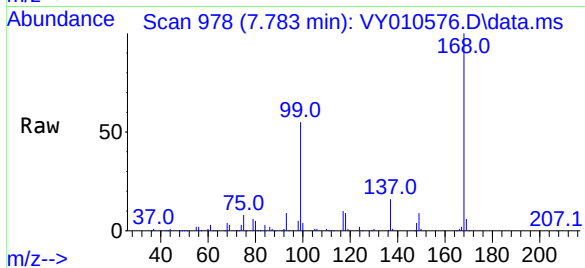
Tgt Ion: 75 Resp: 15387

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 3.025 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY010576.D

Acq: 20 Sep 2022 15:12

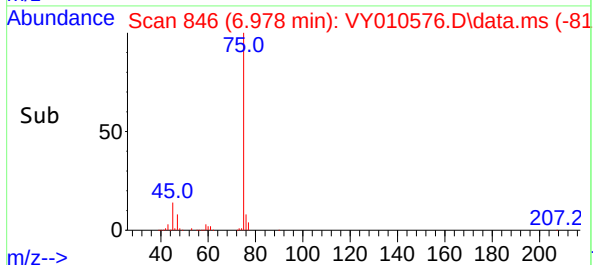
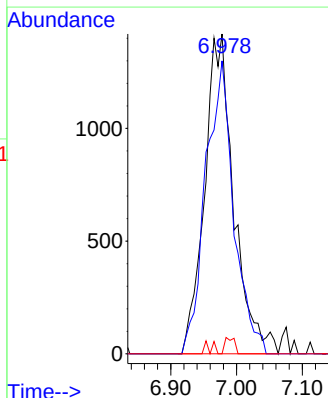
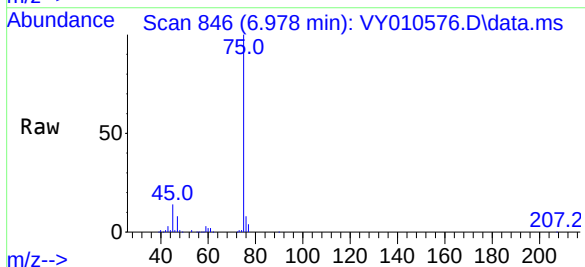
Tgt Ion: 43 Resp: 4386

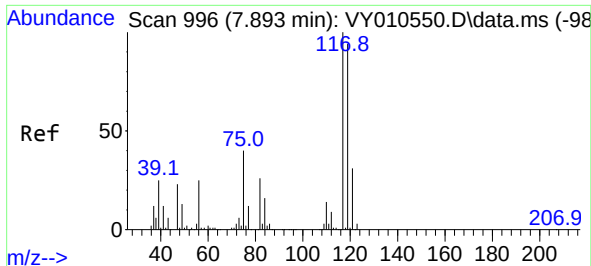
Ion Ratio Lower Upper

43 100

61 88.2 9.7 14.5#

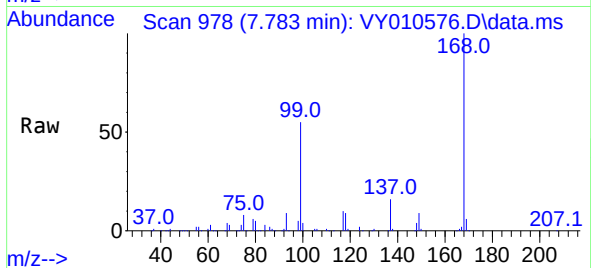
70 1.7 7.1 10.7#



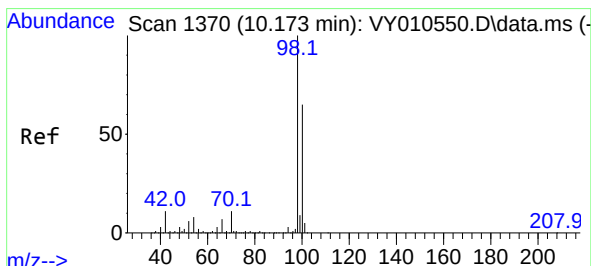
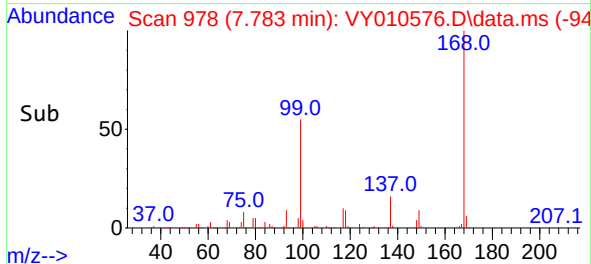
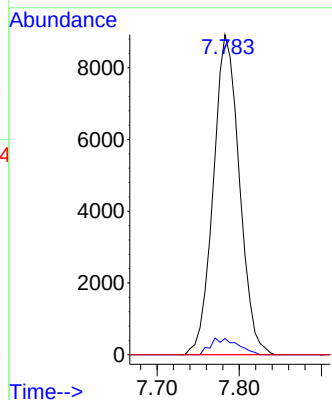


#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

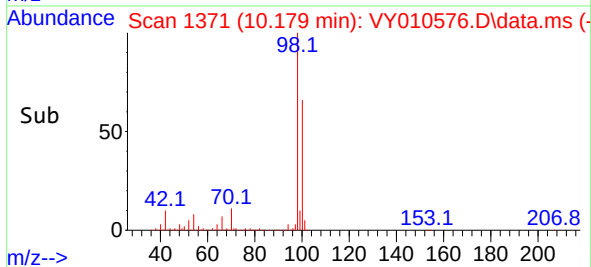
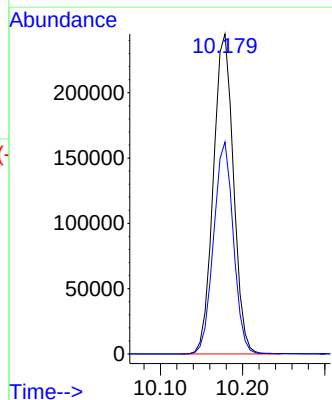
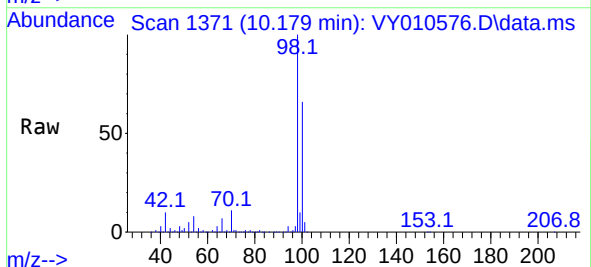


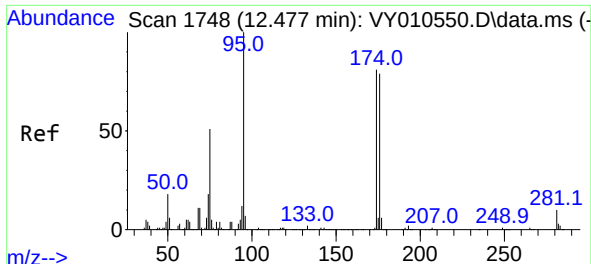
Tgt Ion:117 Resp: 19668
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.937 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion: 98 Resp: 415819
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

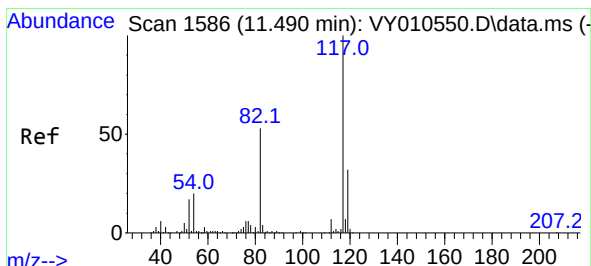
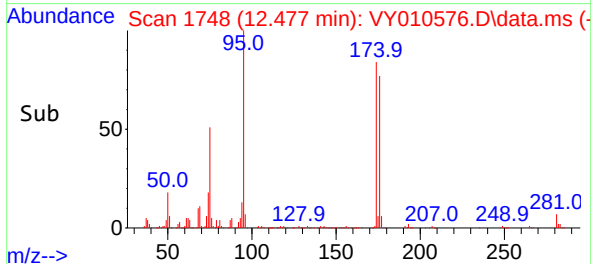
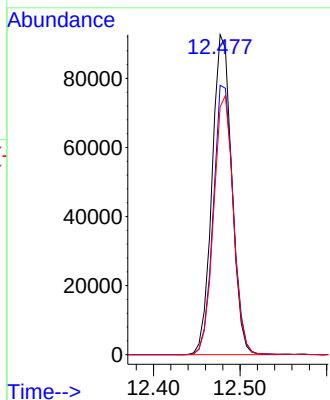
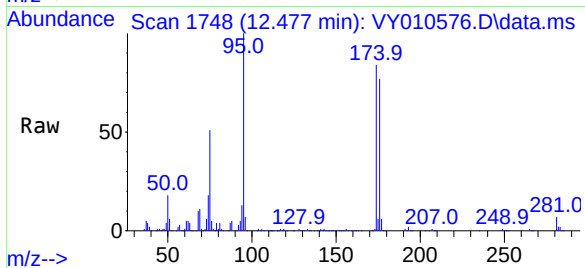




#62
4-Bromofluorobenzene
Concen: 47.141 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

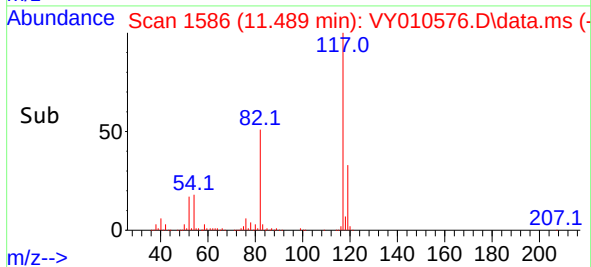
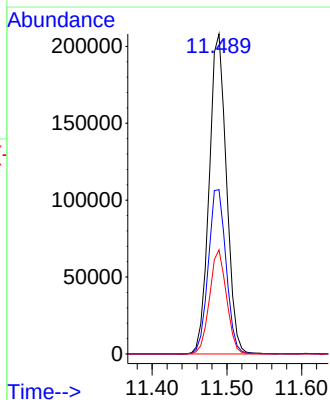
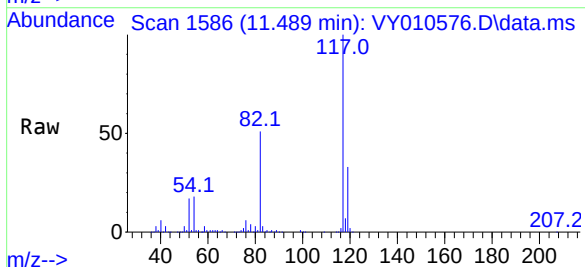
Instrument :
MSVOA_Y
ClientSampleId :

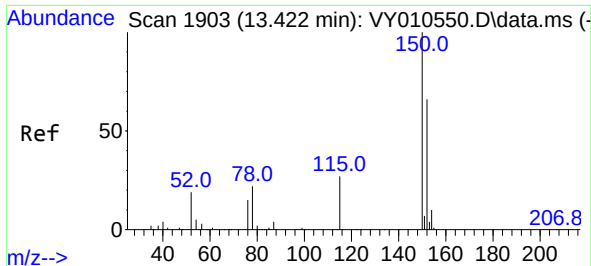
Tgt Ion: 95 Resp: 146169
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

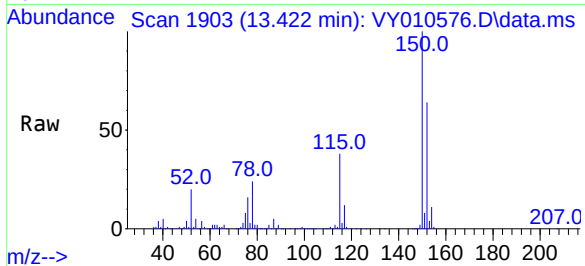
Tgt Ion: 117 Resp: 333850
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.6 25.4 38.0



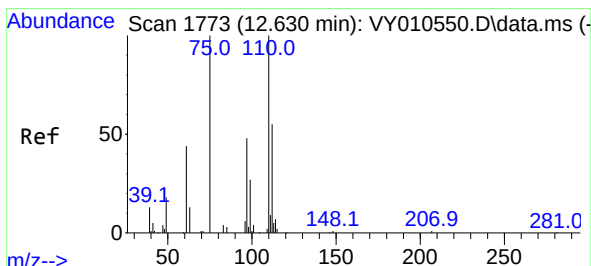
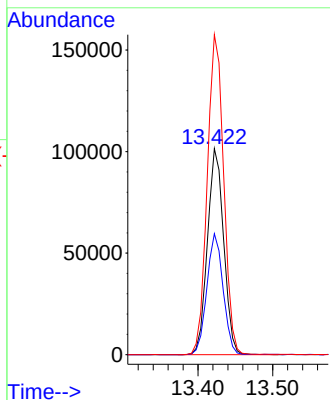
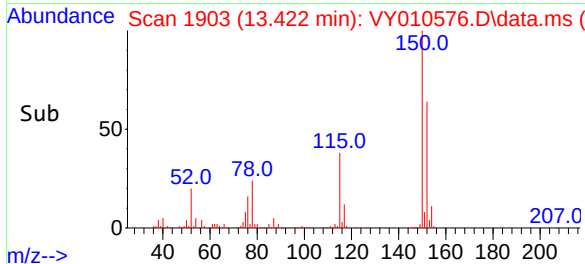


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010576.D
 Acq: 20 Sep 2022 15:12

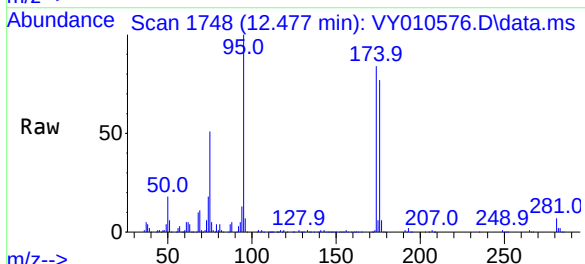
Instrument :
 MSVOA_Y
 ClientSampleId :



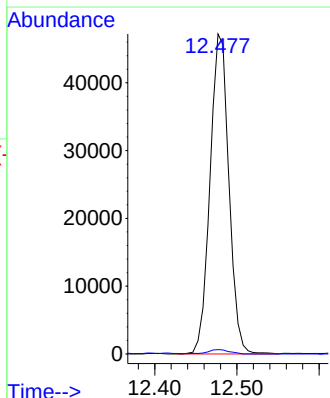
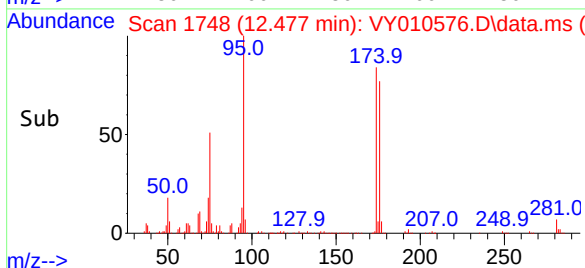
Tgt Ion:152 Resp: 153265
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 157.0 0.0 347.6

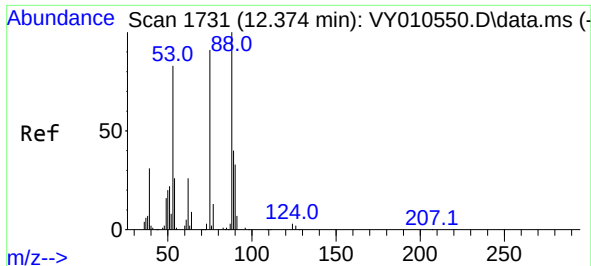


#76
 1,2,3-Trichloropropane
 Concen: 51.333 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010576.D
 Acq: 20 Sep 2022 15:12



Tgt Ion: 75 Resp: 75091
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

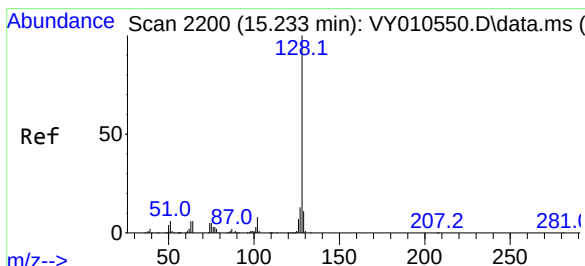
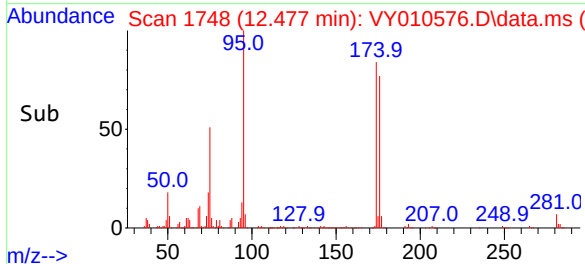
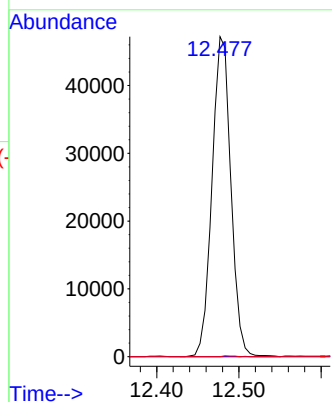
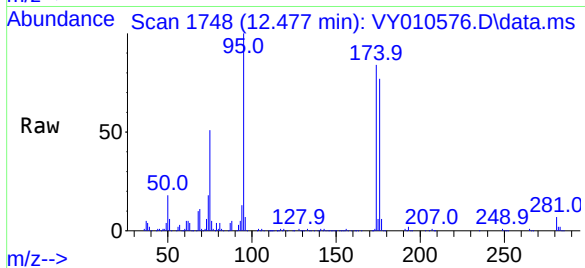




#81
trans-1,4-Dichloro-2-butene
Concen: 114.136 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75091
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 15.622 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010576.D
Acq: 20 Sep 2022 15:12

Tgt Ion:128 Resp: 78248
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 11.5 8.4 12.6

