

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010613.D
 Acq On : 22 Sep 2022 11:35
 Operator : KP/MD
 Sample : VY0922SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBL01

Quant Time: Sep 22 16:24:10 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)

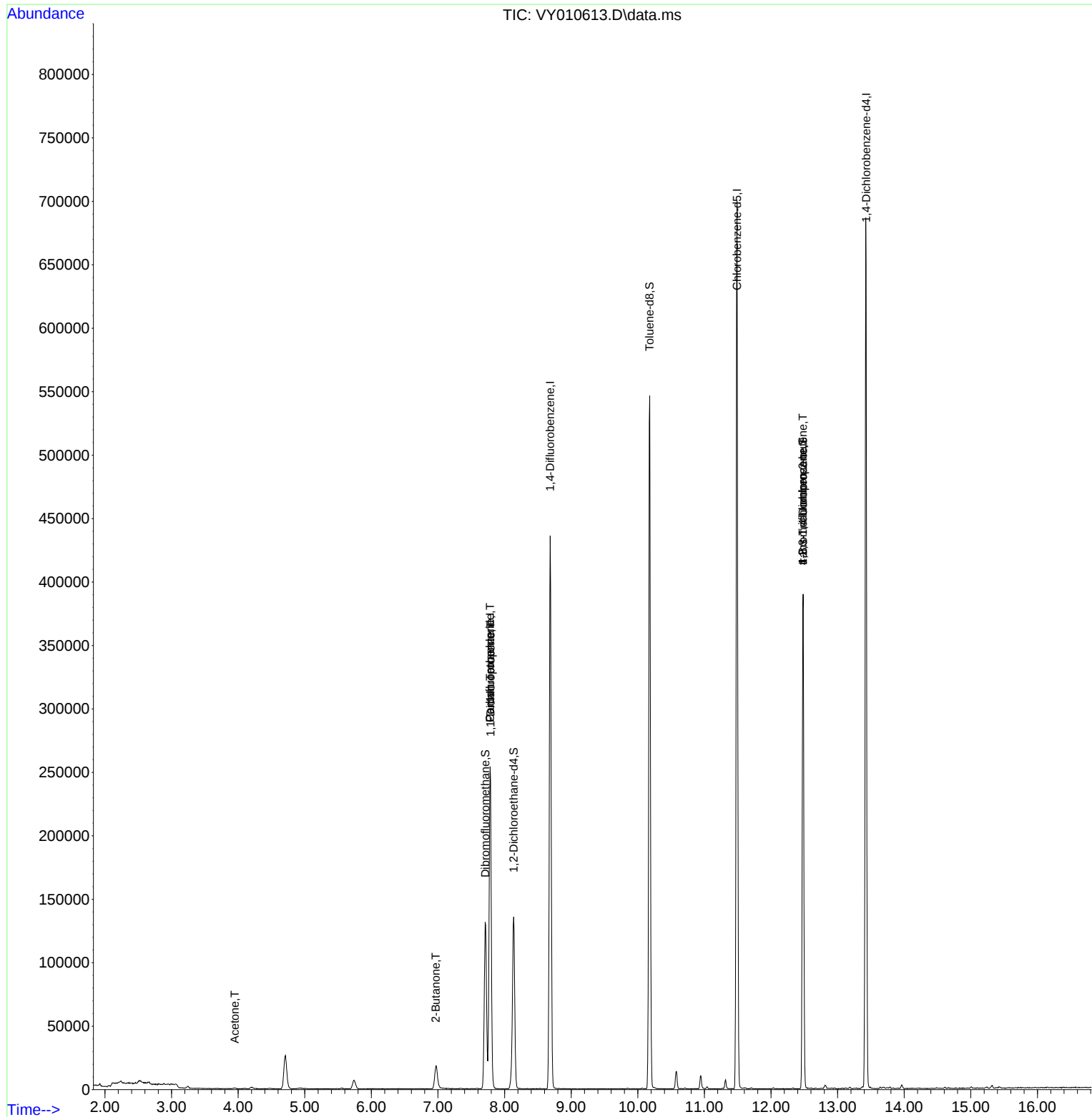
Internal Standards						
1) Pentafluorobenzene	7.783	168	199136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102048	53.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.160%	
35) Dibromofluoromethane	7.710	113	93745	39.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.640%	
50) Toluene-d8	10.179	98	362053	41.649	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.300%	
62) 4-Bromofluorobenzene	12.477	95	117955	35.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	496	Below Cal		92
3) Chloromethane	2.107	50	776	Below Cal	#	81
4) Vinyl Chloride	2.247	62	38	Below Cal	#	43
5) Bromomethane	2.668	94	370	Below Cal		92
11) Tert butyl alcohol	4.942	59	995	Below Cal	#	77
16) Acetone	3.948	43	1082	2.786 ug/l	#	81
17) Carbon Disulfide	4.186	76	56	Below Cal	#	75
18) Methyl Acetate	4.479	43	662	Below Cal	#	76
20) Methylene Chloride	4.710	84	19911	Below Cal	#	83
25) 2-Butanone	6.966	43	1098	1.807 ug/l	#	54
31) Cyclohexane	7.783	56	4071	Below Cal	#	4
36) 1,1-Dichloropropene	7.789	75	14867	5.597 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	19326	6.328 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	62268	37.934 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62268	84.343 ug/l	#	7

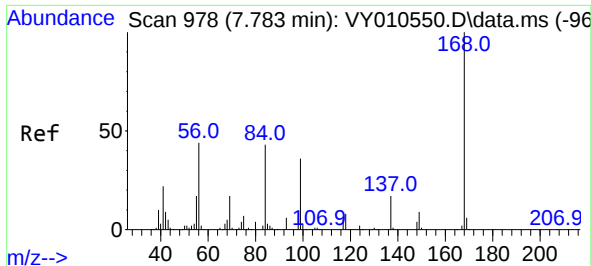
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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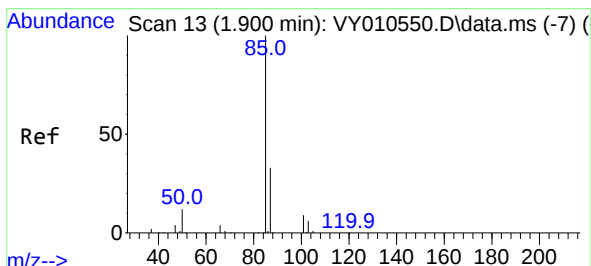
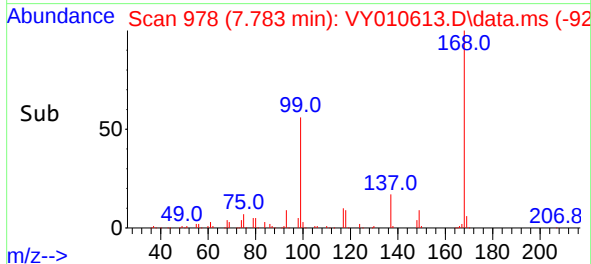
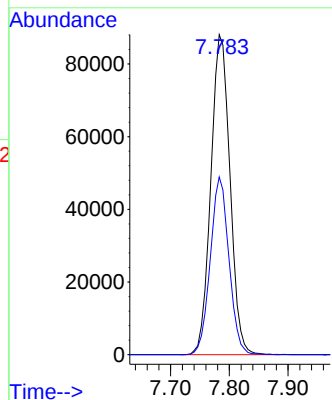
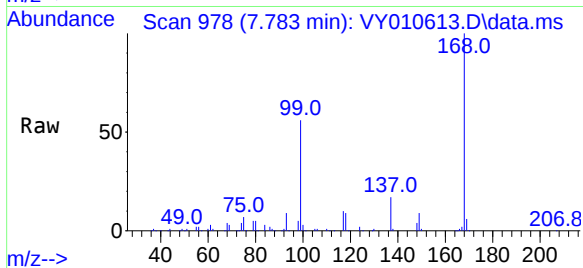




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

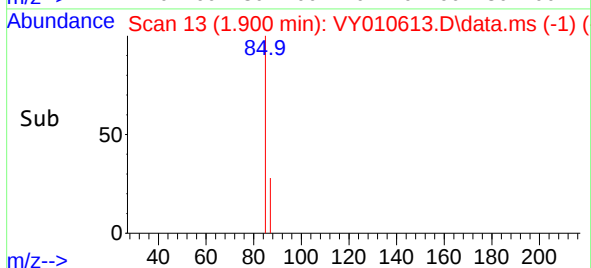
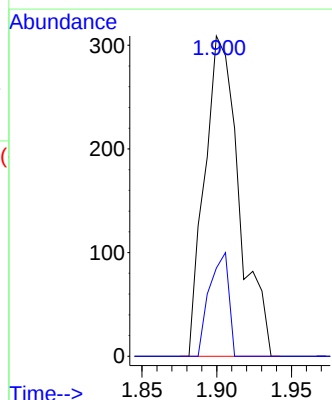
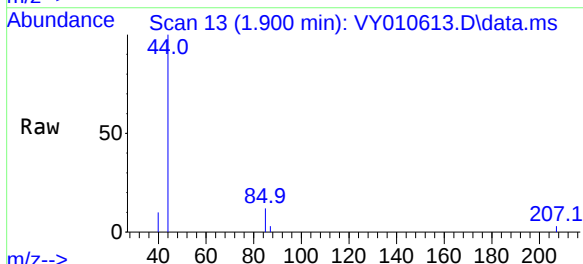
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

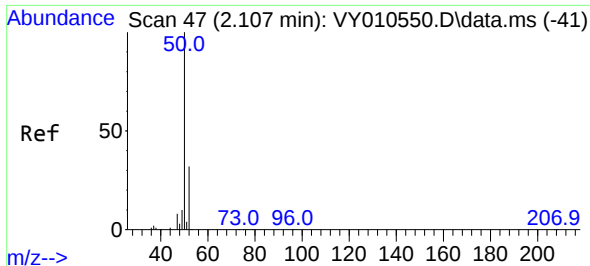
Tgt Ion:168 Resp: 199136
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 85 Resp: 496
Ion Ratio Lower Upper
85 100
87 27.5 16.1 48.2

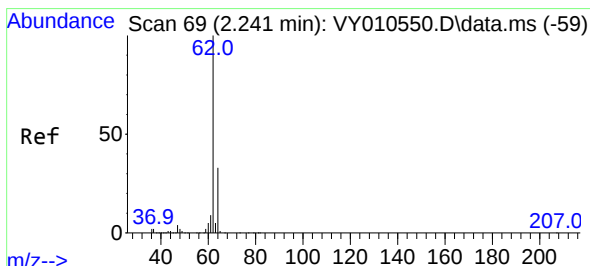
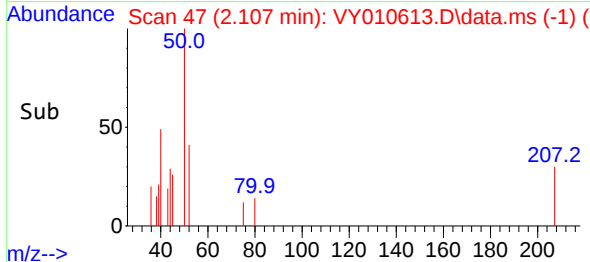
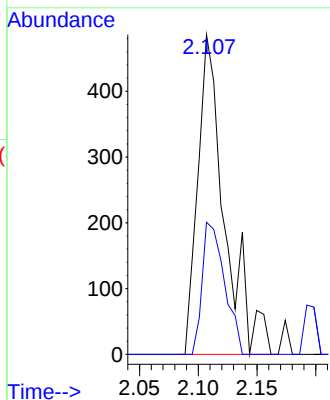
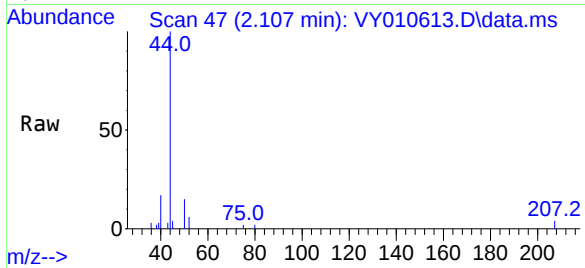




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

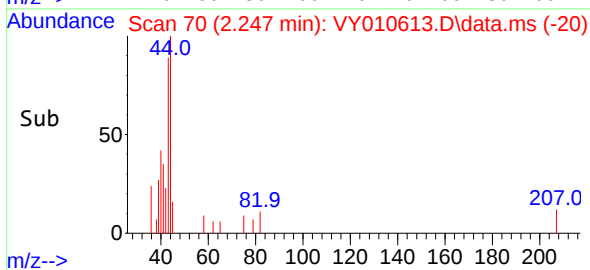
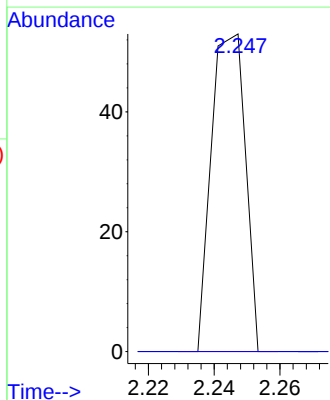
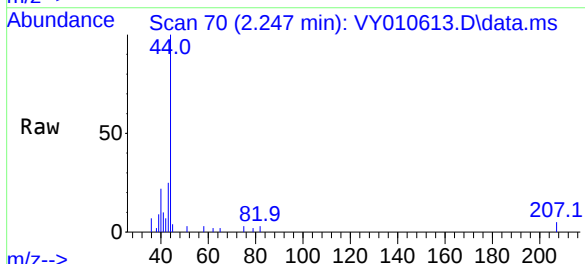
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

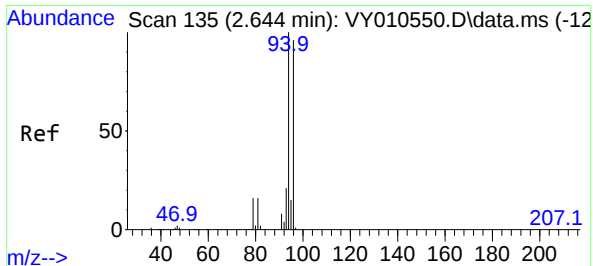
Tgt Ion: 50 Resp: 776
Ion Ratio Lower Upper
50 100
52 41.4 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 62 Resp: 38
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

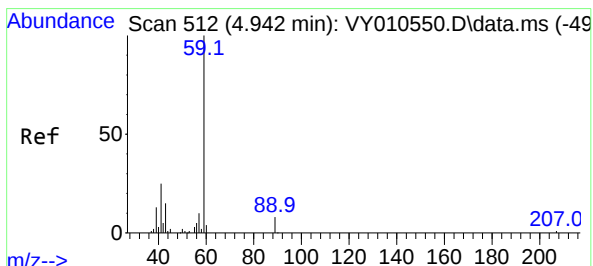
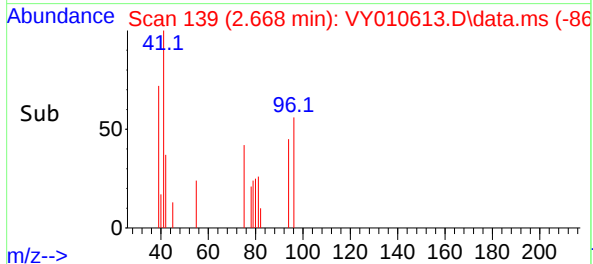
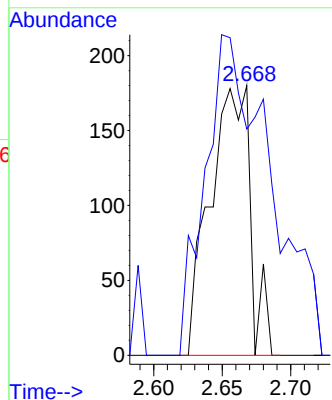
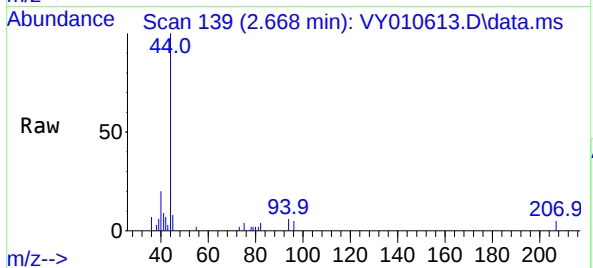




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

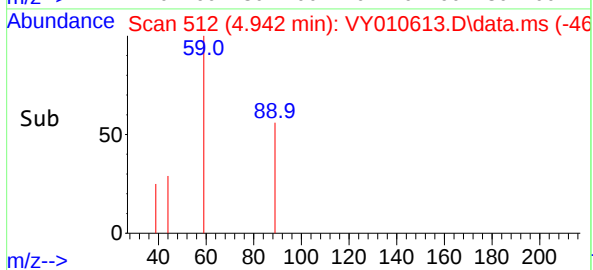
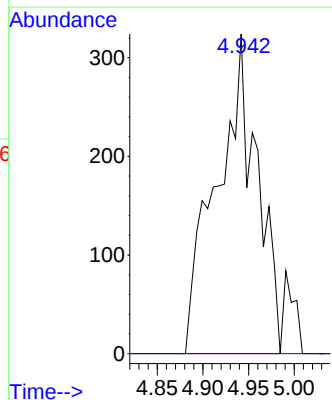
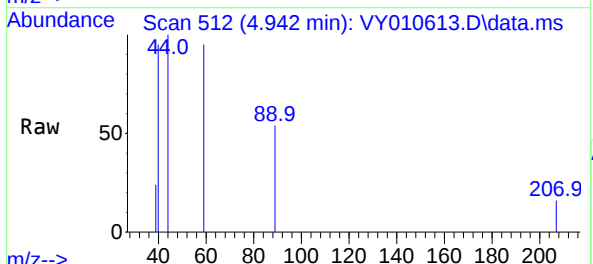
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

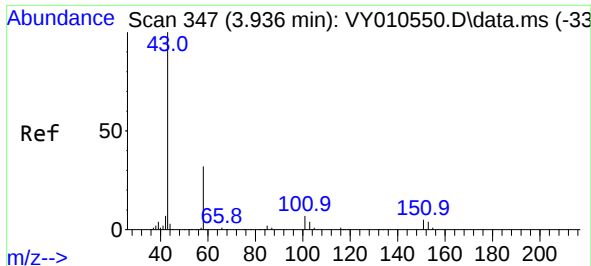
Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 83.9 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 59 Resp: 995
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

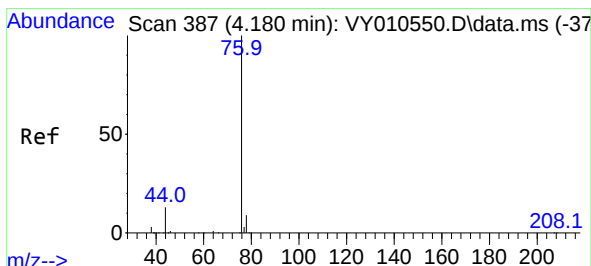
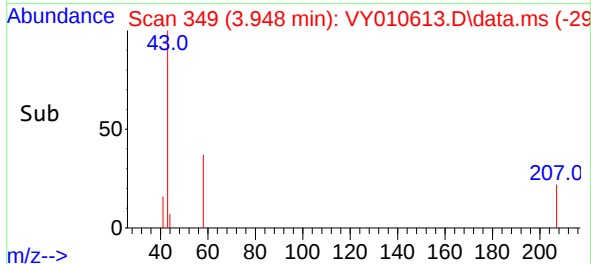
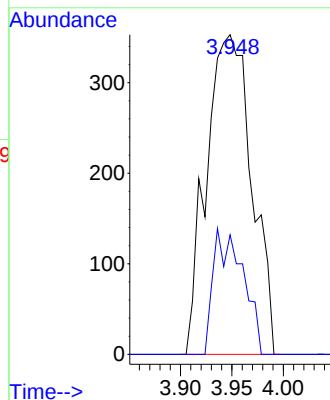
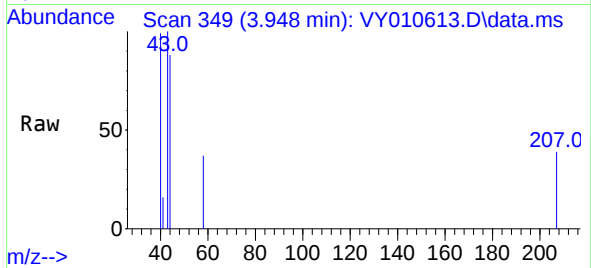




#16
Acetone
Concen: 2.786 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

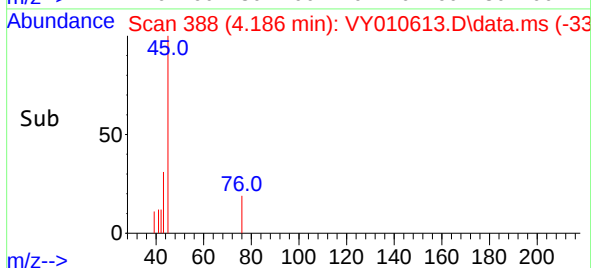
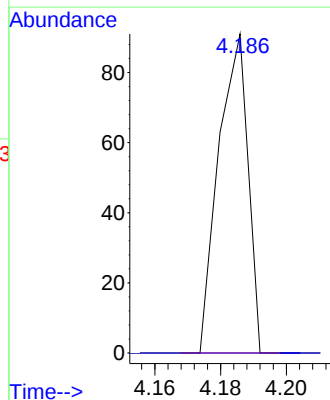
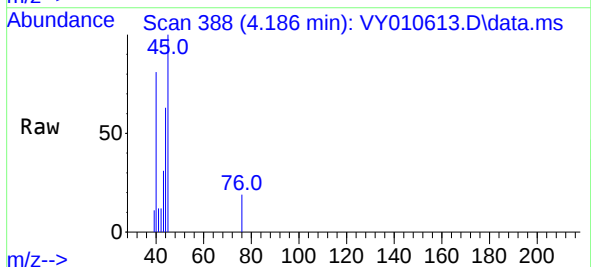
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

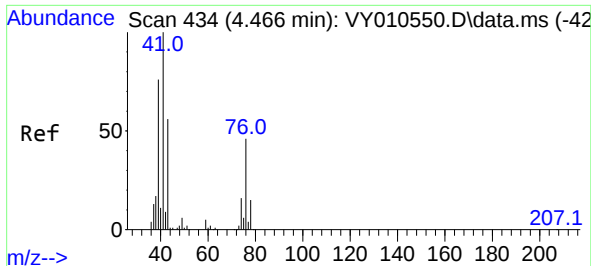
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 37.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

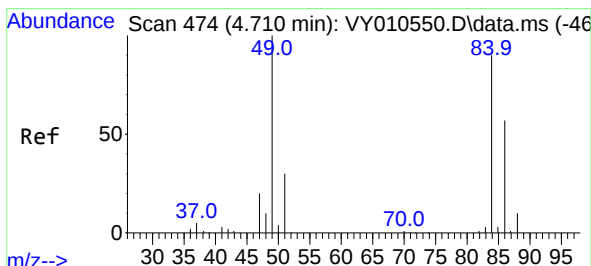
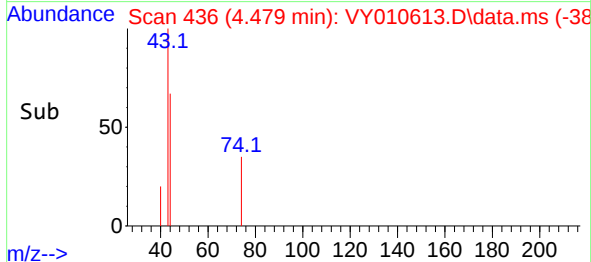
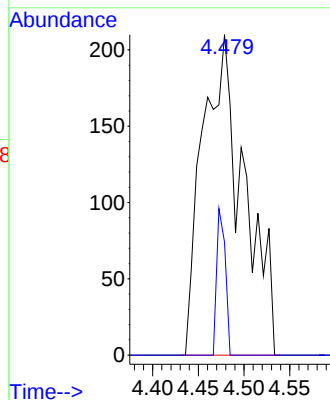
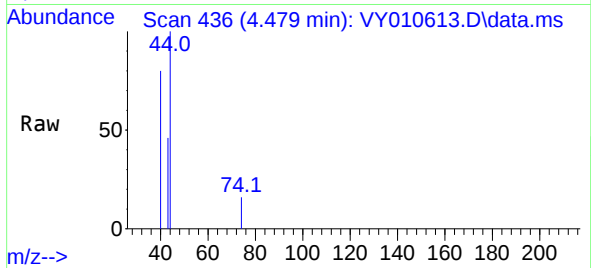




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

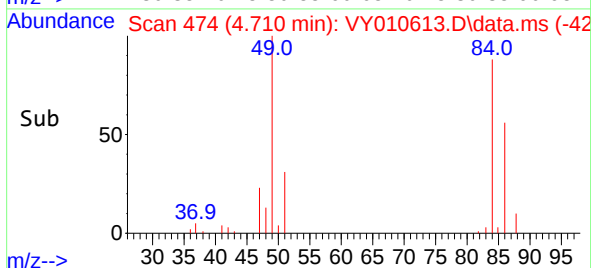
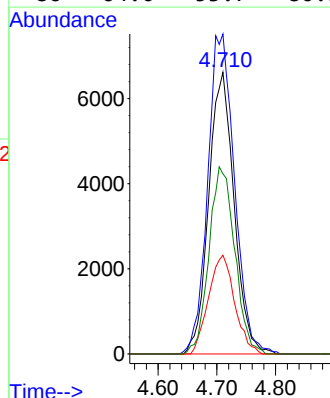
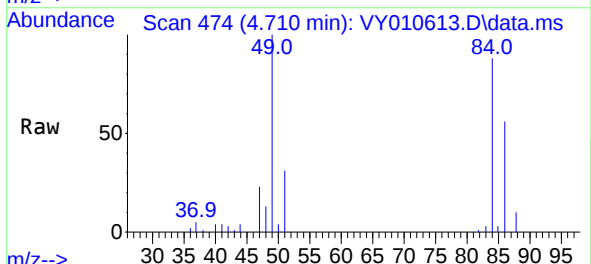
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

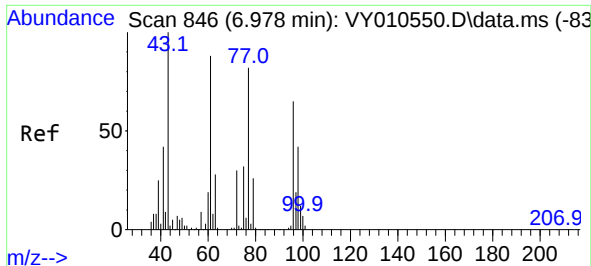
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 9.4 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 84 Resp: 19911
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 35.1 35.3 52.9#
86 64.0 53.7 80.5





#25

2-Butanone

Concen: 1.807 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY010613.D

Acq: 22 Sep 2022 11:35

Instrument :

MSVOA_Y

ClientSampleId :

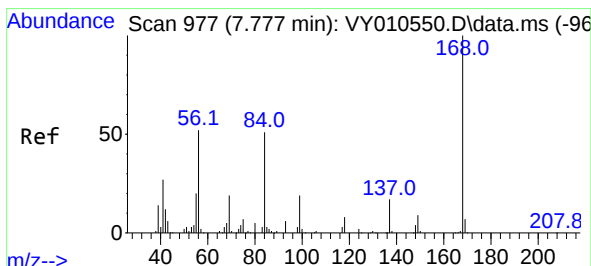
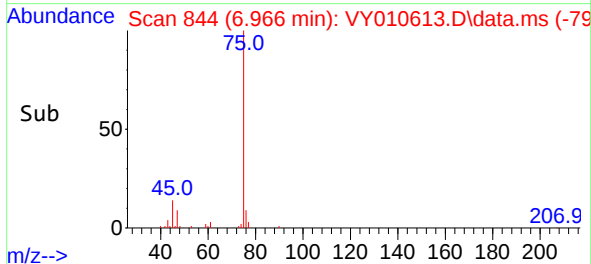
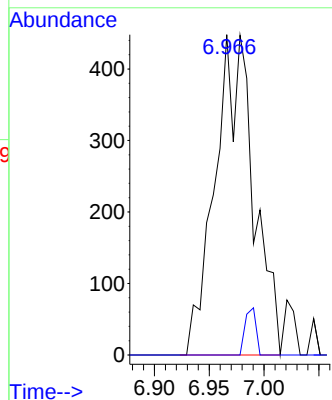
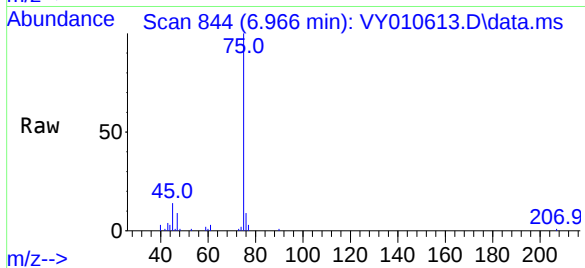
VY0922SBL01

Tgt Ion: 43 Resp: 1098

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010613.D

Acq: 22 Sep 2022 11:35

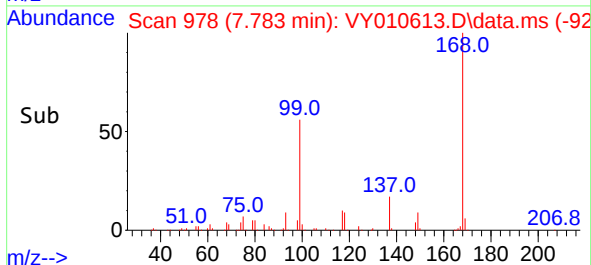
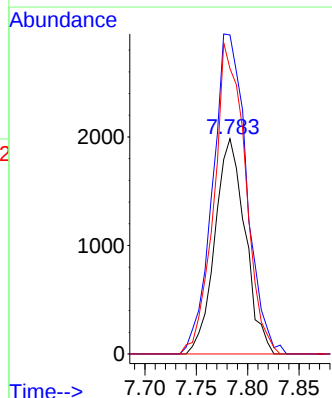
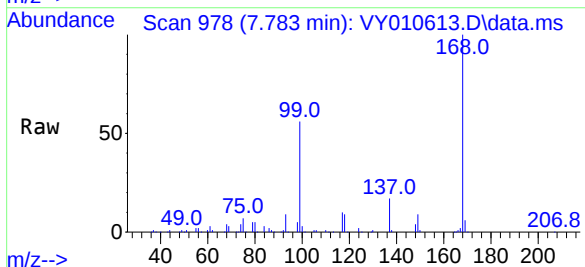
Tgt Ion: 56 Resp: 4071

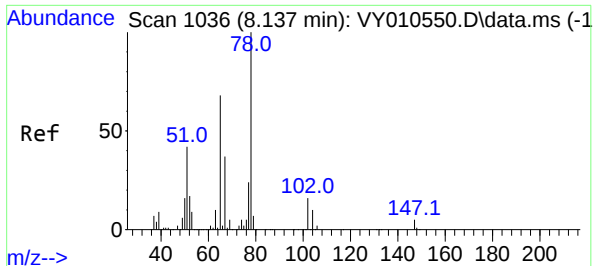
Ion Ratio Lower Upper

56 100

69 148.3 26.7 40.1#

84 132.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.577 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010613.D

Acq: 22 Sep 2022 11:35

Instrument :

MSVOA_Y

ClientSampleId :

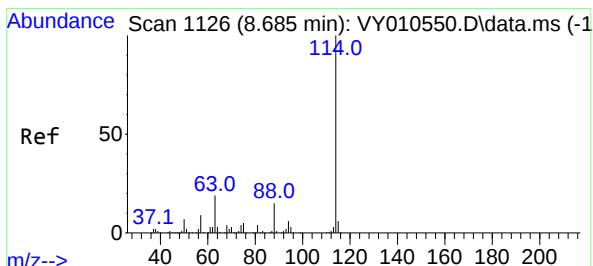
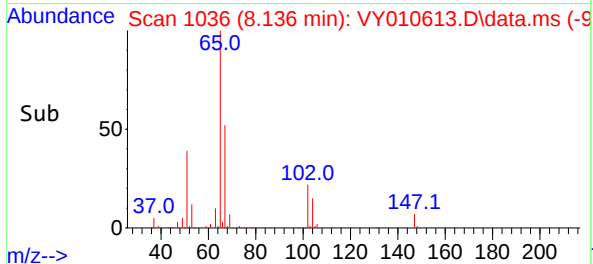
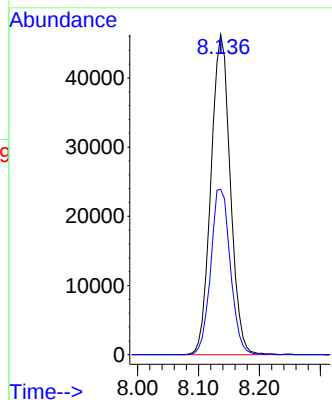
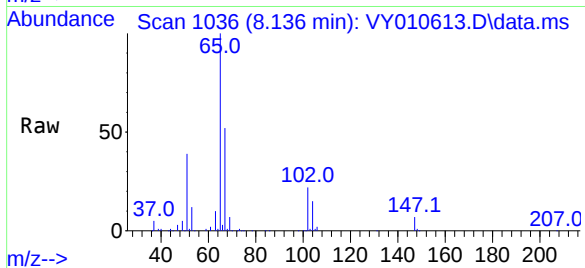
VY0922SBL01

Tgt Ion: 65 Resp: 102048

Ion Ratio Lower Upper

65 100

67 52.5 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: VY010613.D

Acq: 22 Sep 2022 11:35

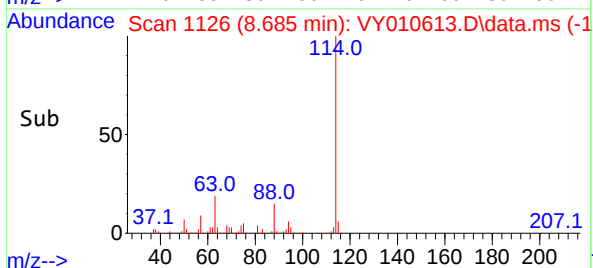
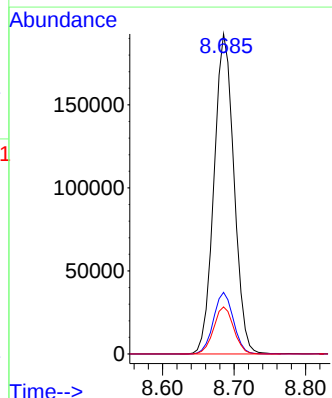
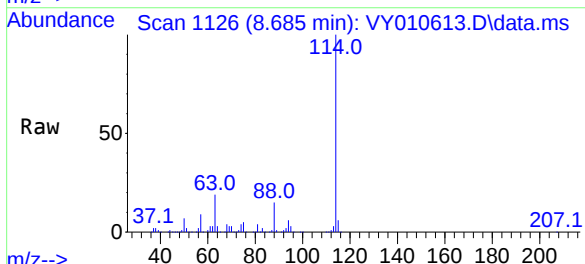
Tgt Ion: 114 Resp: 373542

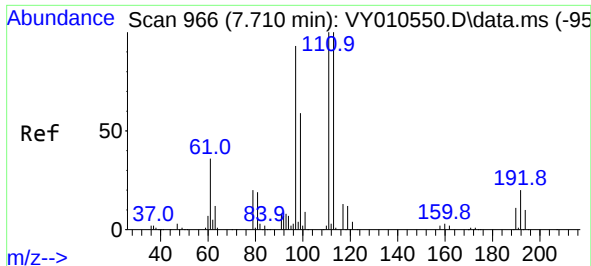
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.7 0.0 31.8

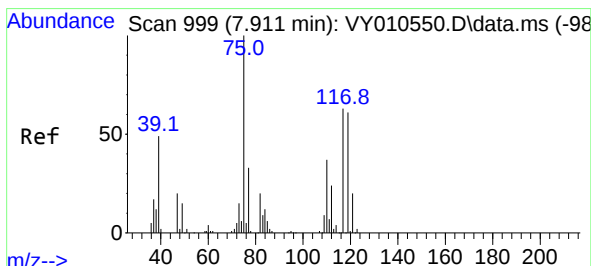
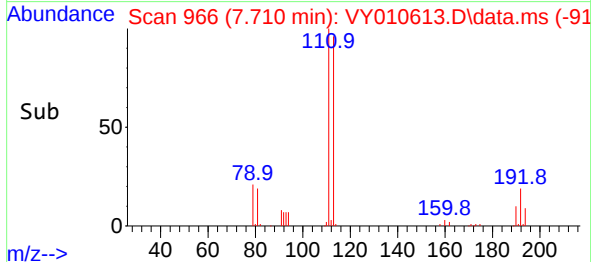
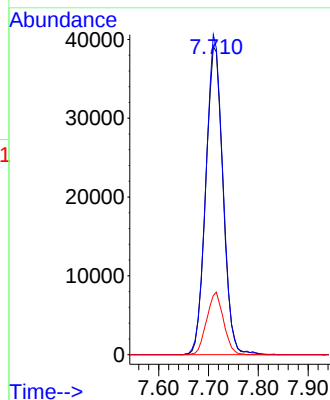
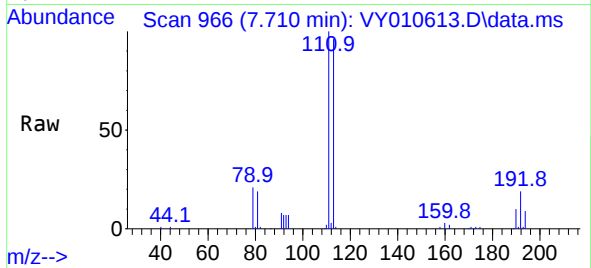




#35
Dibromofluoromethane
Concen: 39.323 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

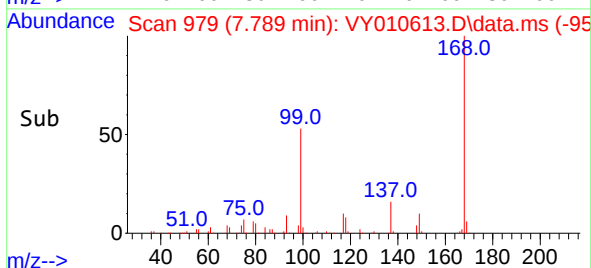
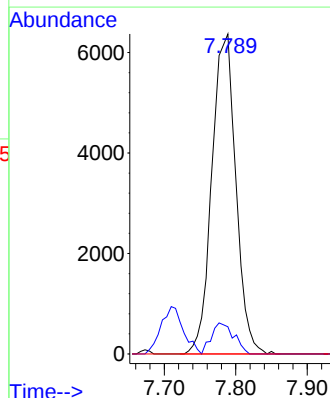
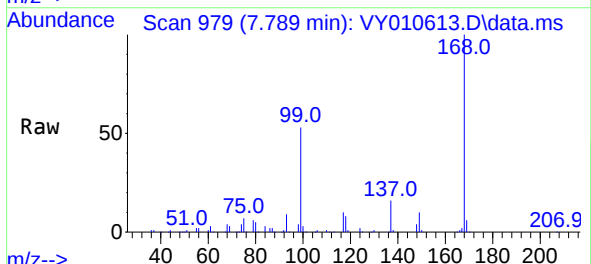
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

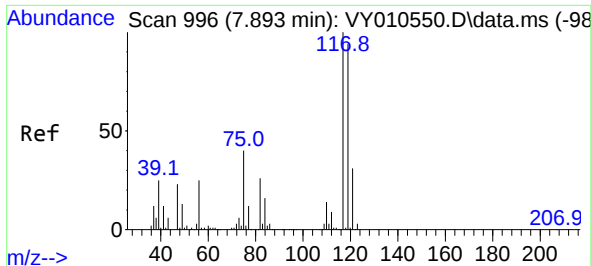
Tgt Ion:	113	Resp:	93745
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.597 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion:	75	Resp:	14867
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.4	36.6#

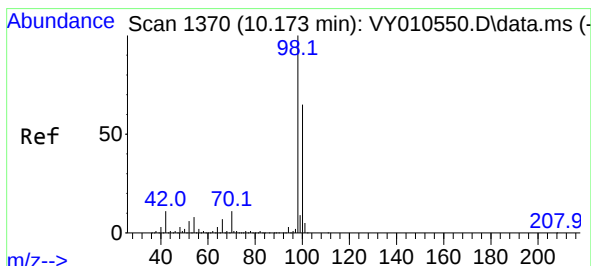
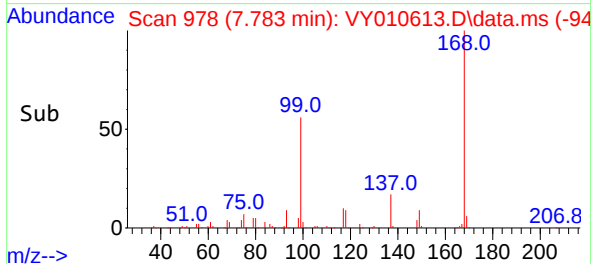
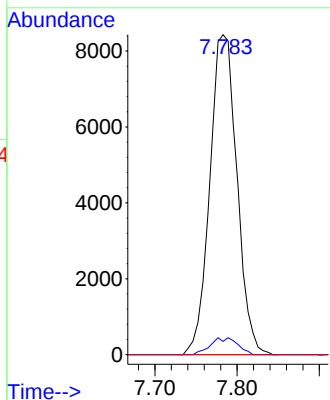
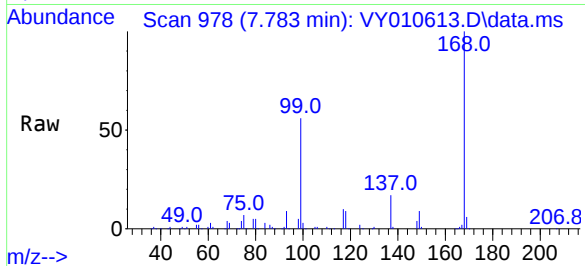




#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

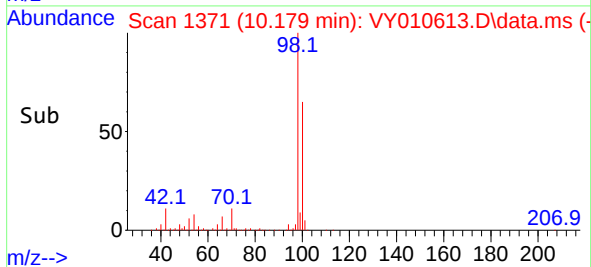
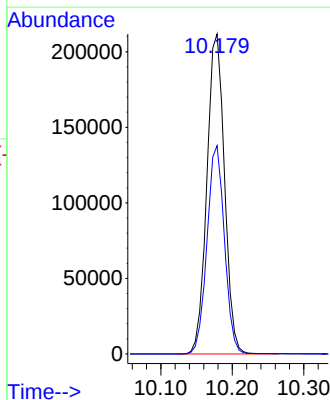
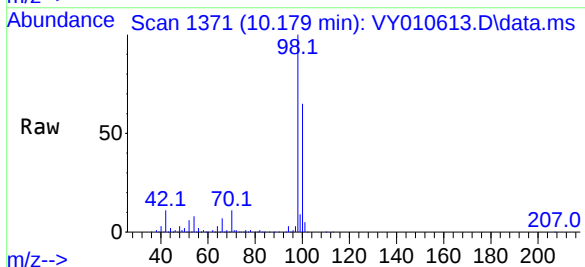
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

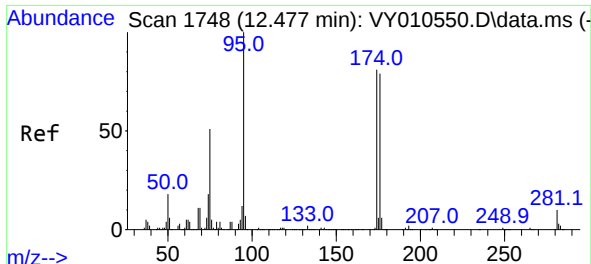
Tgt Ion:117 Resp: 19326
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.649 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion: 98 Resp: 362053
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

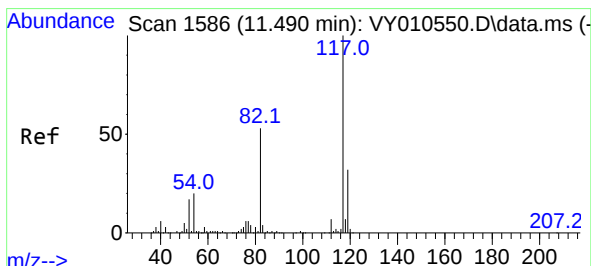
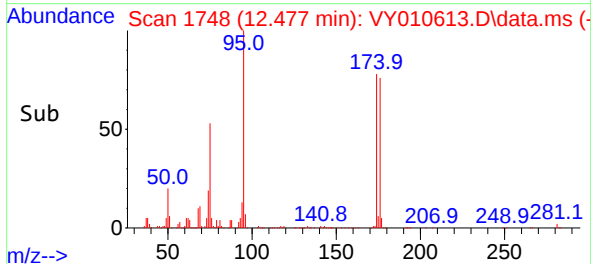
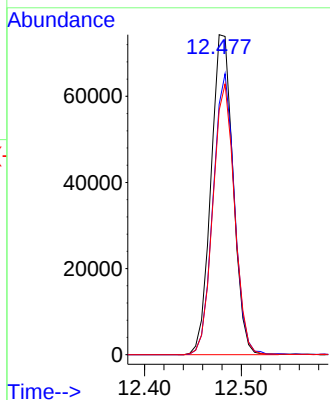
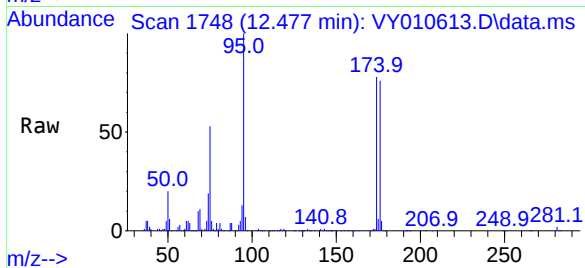




#62
4-Bromofluorobenzene
Concen: 35.278 ug/l
RT: 12.477 min Scan# 117955
Delta R.T. 0.000 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

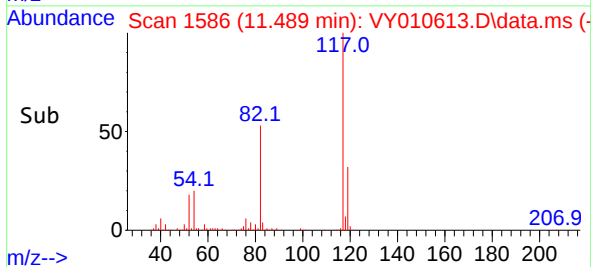
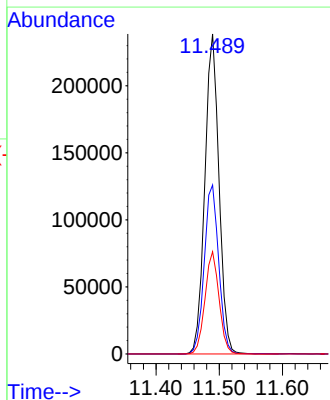
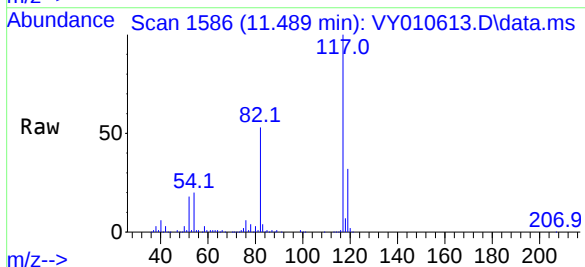
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

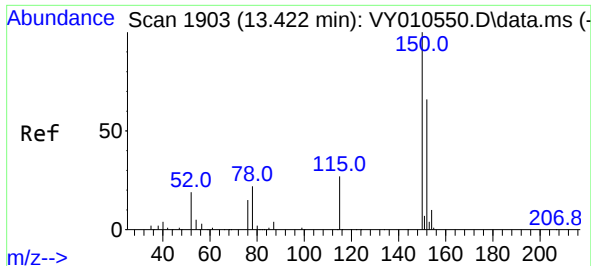
Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	177.0
176	82.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.9	25.4	38.0

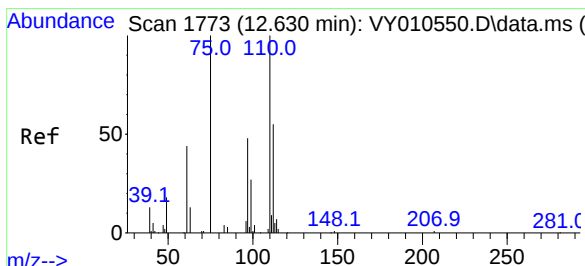
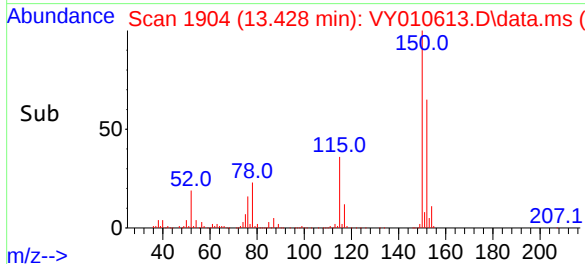
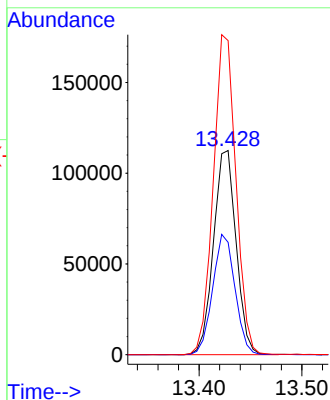
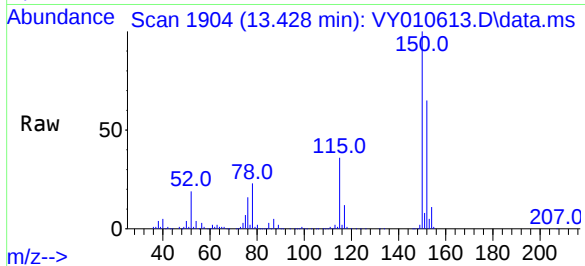




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

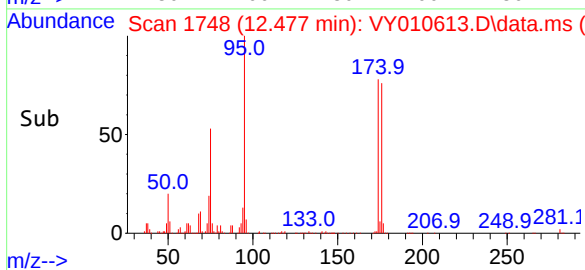
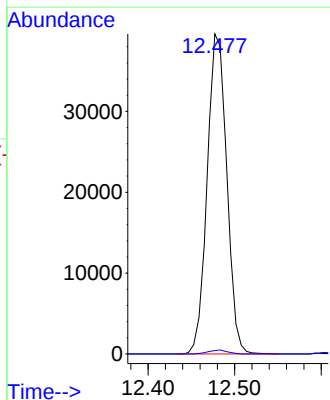
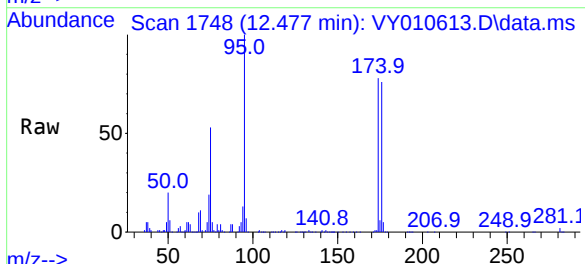
Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBL01

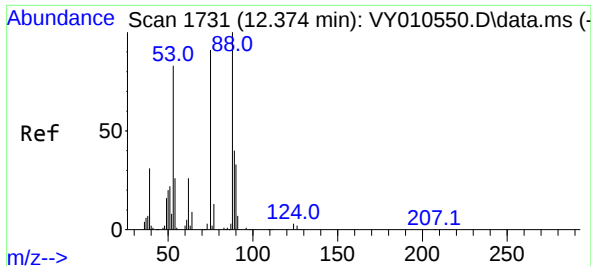
Tgt Ion:152 Resp: 171987
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010613.D
Acq: 22 Sep 2022 11:35

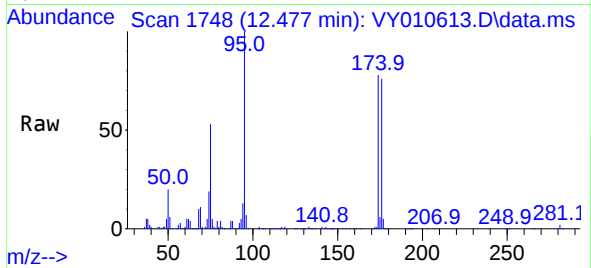
Tgt Ion: 75 Resp: 62268
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.343 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010613.D
 Acq: 22 Sep 2022 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBL01



Tgt Ion: 75 Resp: 62268
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

