

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011541.D
 Acq On : 22 Nov 2022 12:30
 Operator : KP/MD
 Sample : N5698-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:06:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

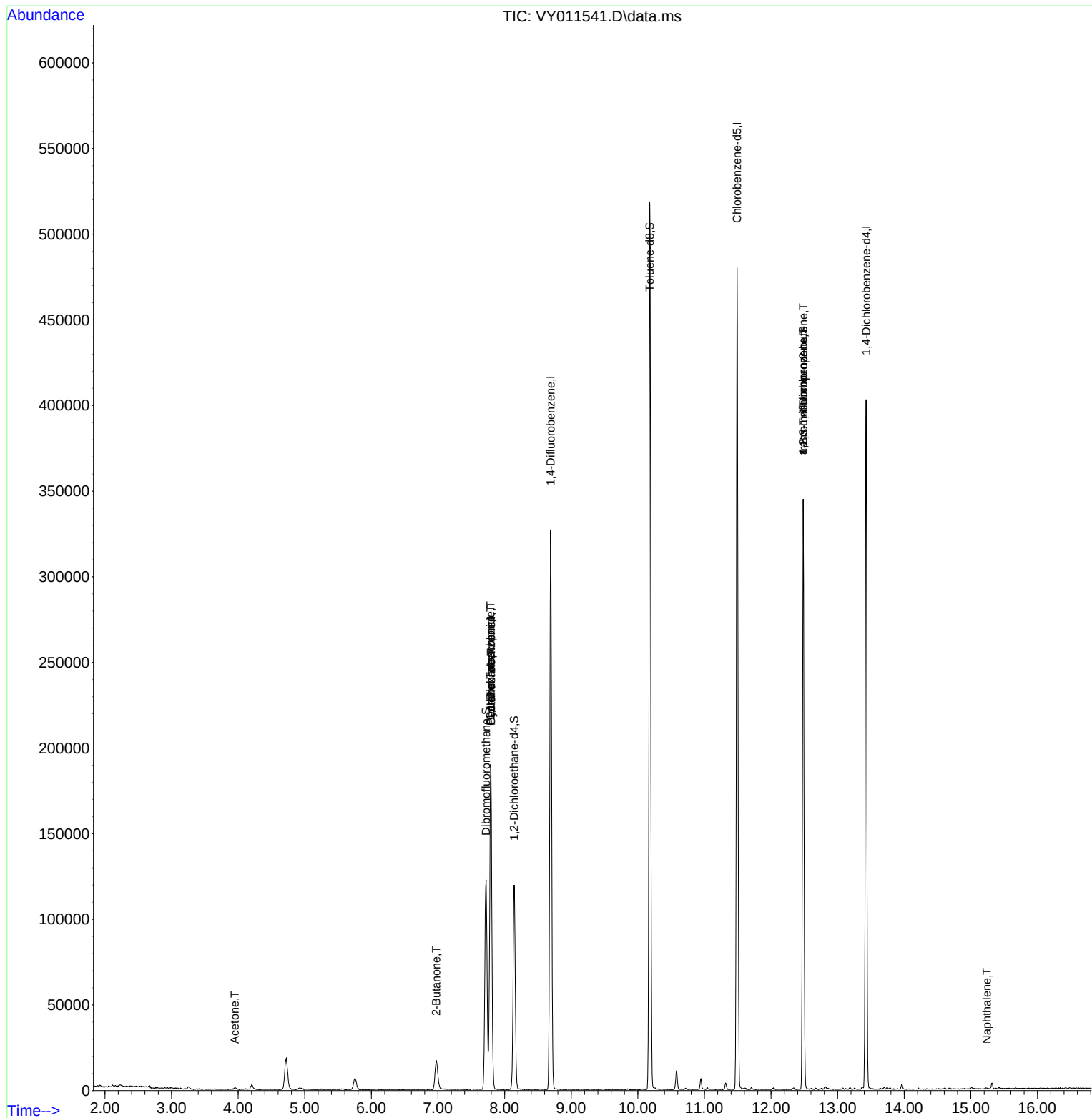
Internal Standards						
1) Pentafluorobenzene	7.795	168	143444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	273387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92167	63.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.560%	
35) Dibromofluoromethane	7.722	113	88282	52.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.179	98	334324	54.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.483	95	98520	43.571	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	238	Below Cal	#	43
3) Chloromethane	2.113	50	467	Below Cal	#	86
5) Bromomethane	2.674	94	431	Below Cal	#	76
11) Tert butyl alcohol	4.930	59	628	Below Cal	#	77
16) Acetone	3.948	43	1856	3.923	ug/l	92
18) Methyl Acetate	4.497	43	22	Below Cal	#	56
20) Methylene Chloride	4.722	84	13827	Below Cal	#	80
25) 2-Butanone	6.972	43	1104	1.776	ug/l	# 54
31) Cyclohexane	7.795	56	3364	1.393	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	11537	4.386	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	14545	4.942	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	52353	48.100	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	52353	105.355	ug/l	# 7
95) Naphthalene	15.239	128	705	4.201	ug/l	# 76

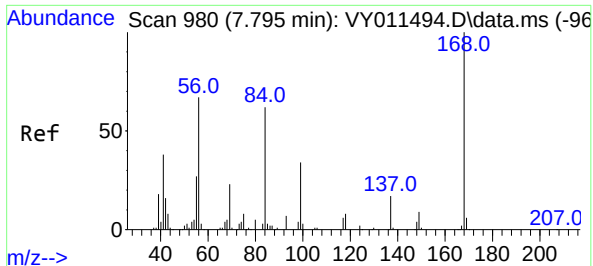
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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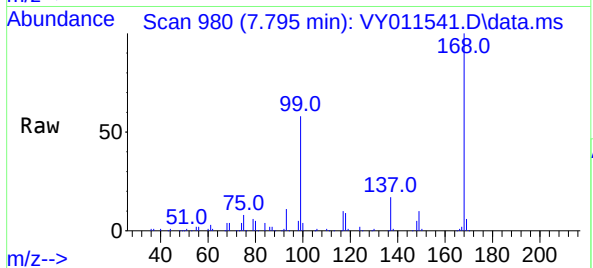
Quant Time: Nov 23 04:06:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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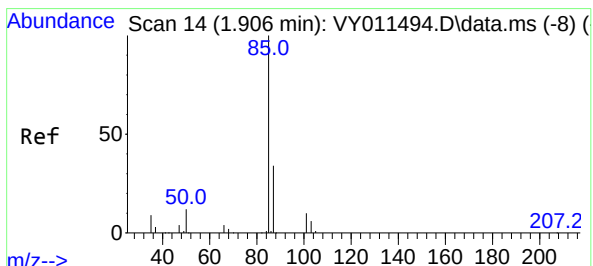
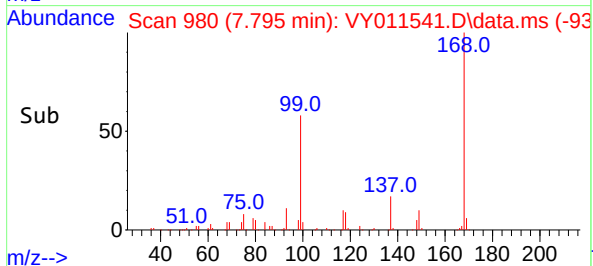
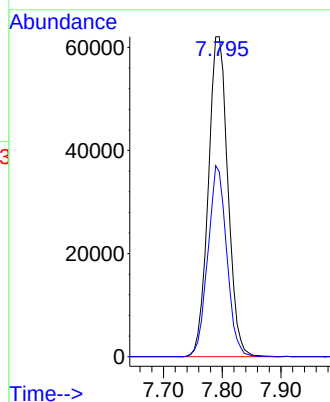


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :

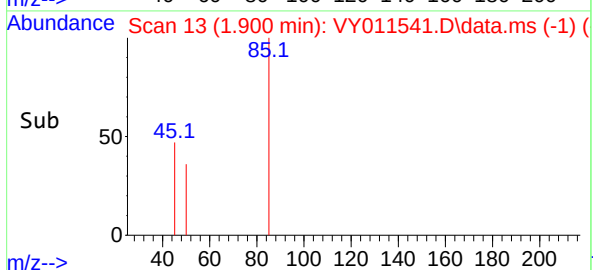
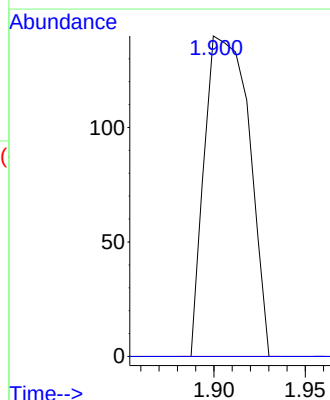
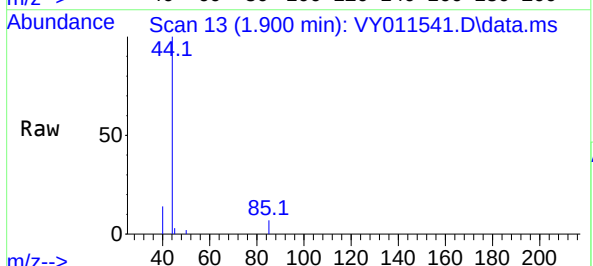


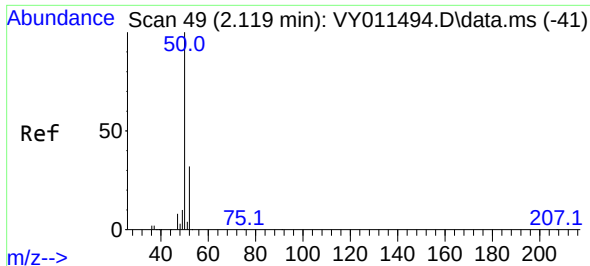
Tgt Ion:168 Resp: 143444
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion: 85 Resp: 238
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

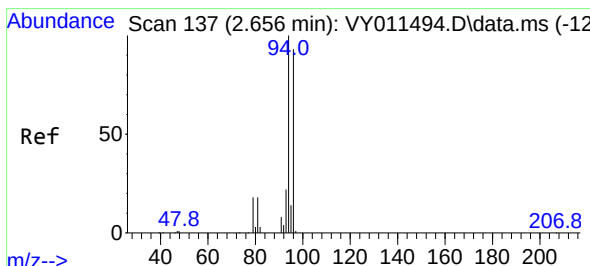
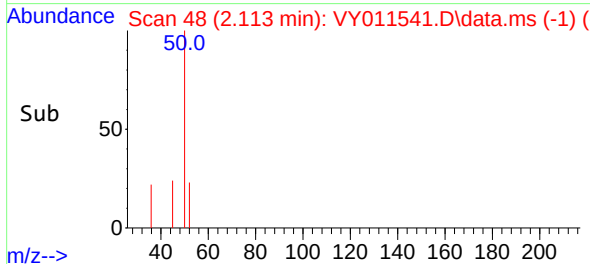
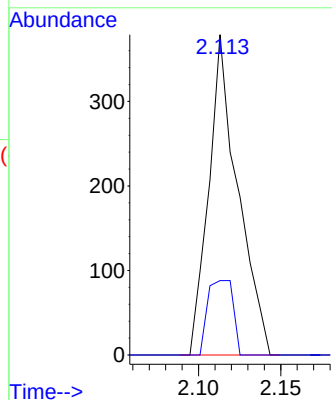
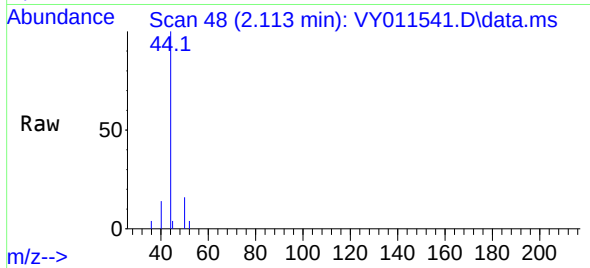




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

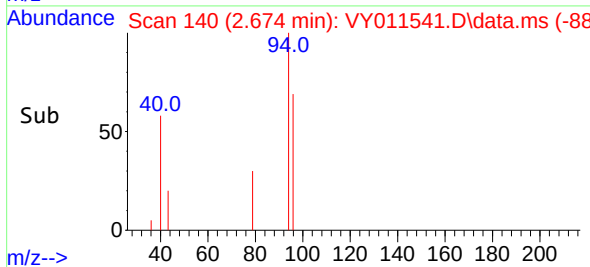
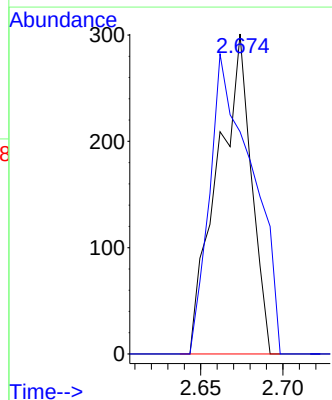
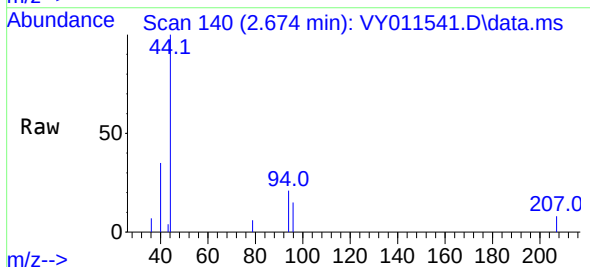
Instrument :
MSVOA_Y
ClientSampleId :

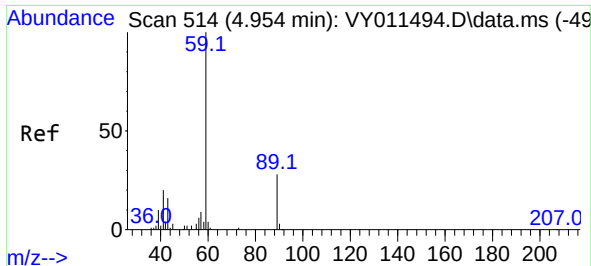
Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 23.2 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

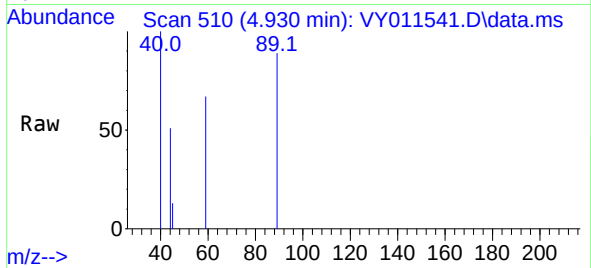
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 69.4 73.5 110.3#



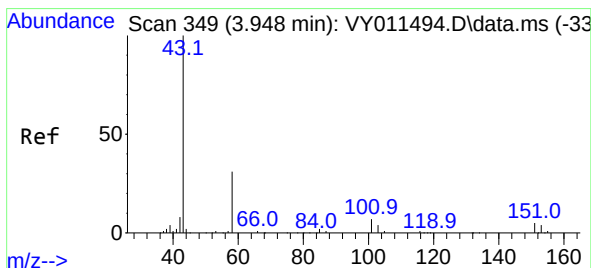
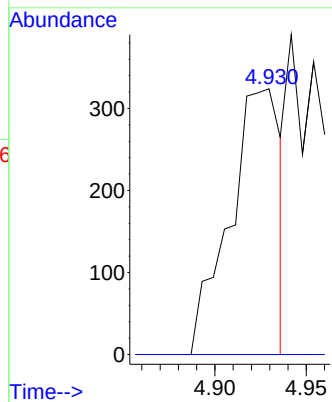
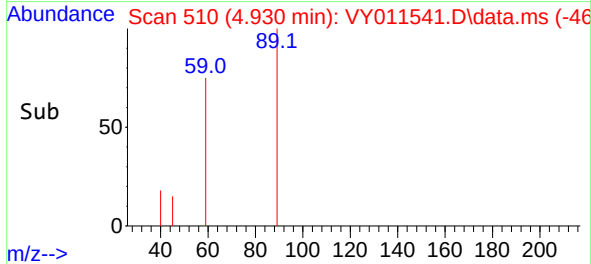


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :

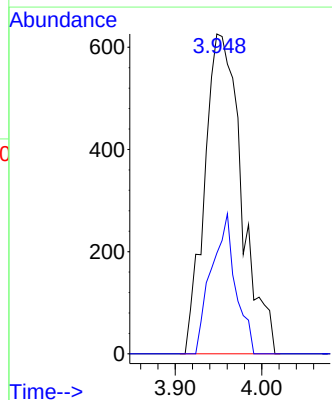
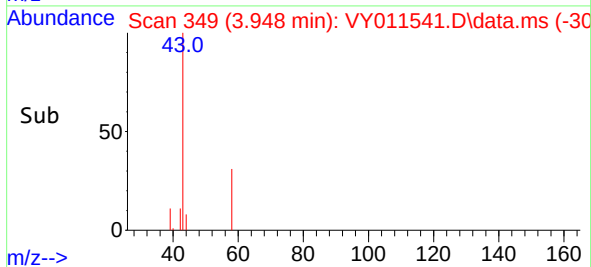
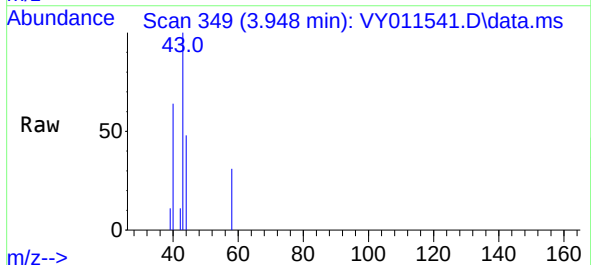


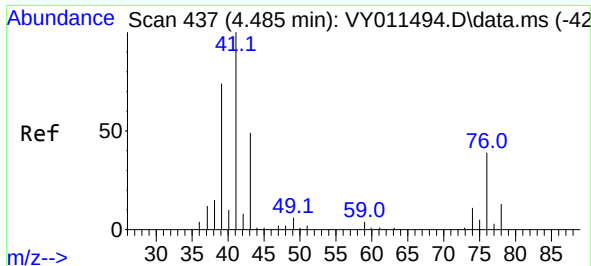
Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.923 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0

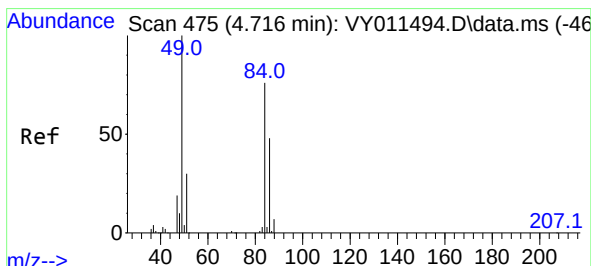
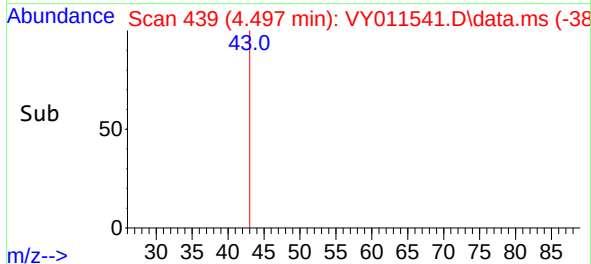
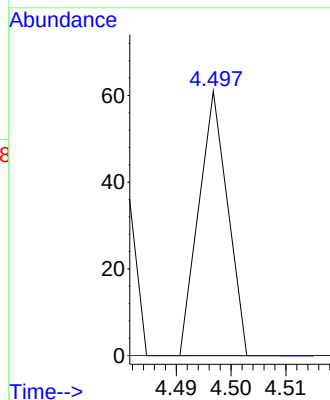
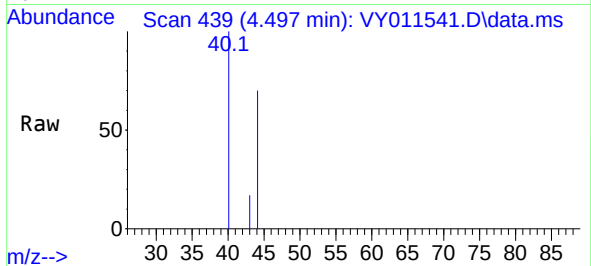




#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

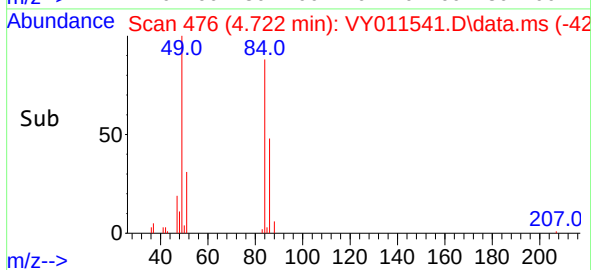
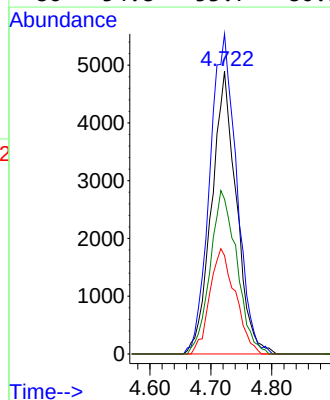
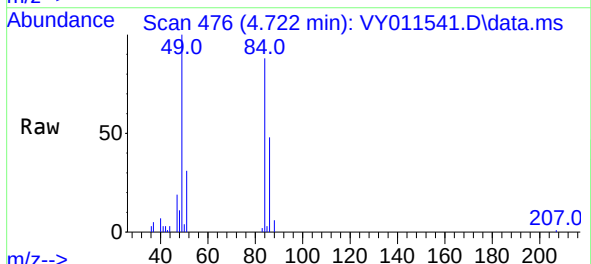
Instrument :
MSVOA_Y
ClientSampleId :

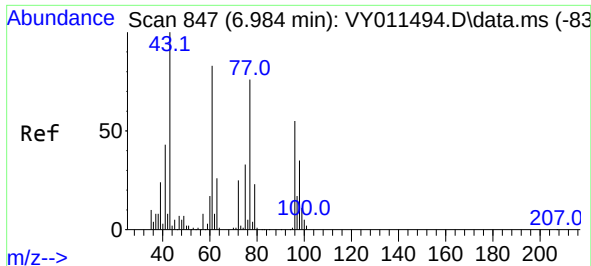
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion: 84 Resp: 13827
Ion Ratio Lower Upper
84 100
49 113.2 114.4 171.6#
51 34.8 35.3 52.9#
86 54.8 53.7 80.5





#25

2-Butanone

Concen: 1.776 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

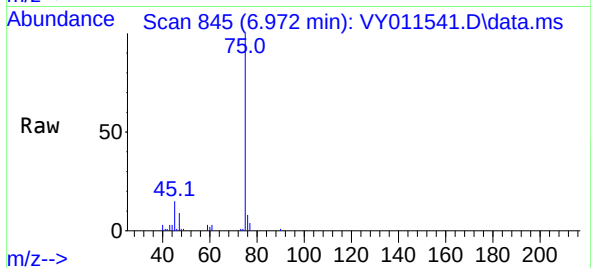
Lab File: VY011541.D

Acq: 22 Nov 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

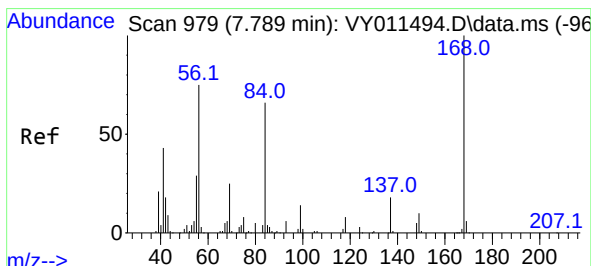
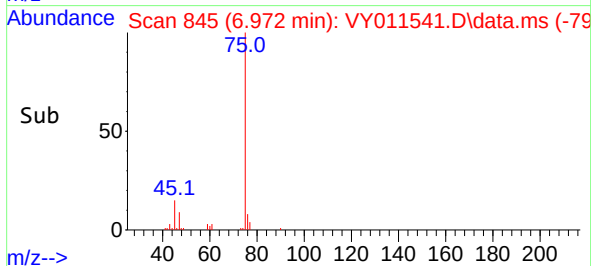
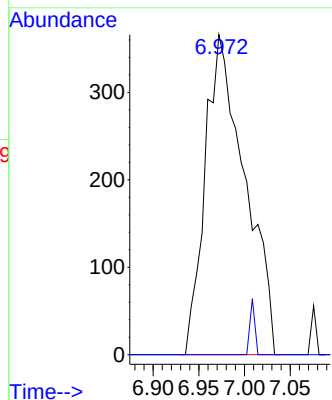


Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.393 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY011541.D

Acq: 22 Nov 2022 12:30

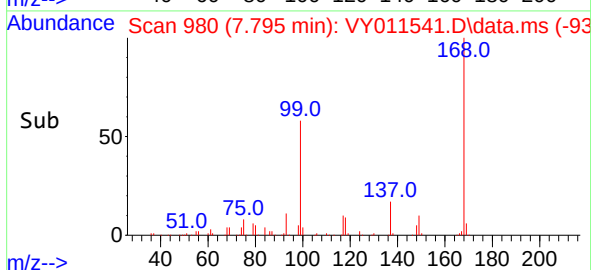
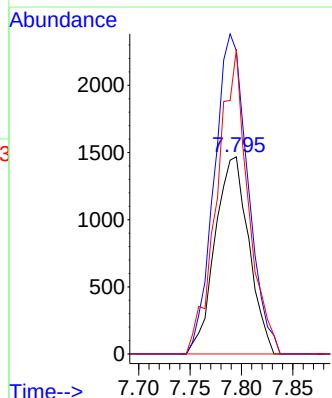
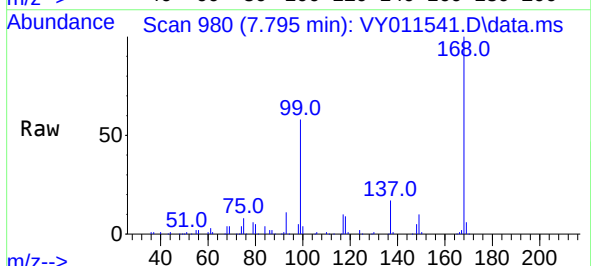
Tgt Ion: 56 Resp: 3364

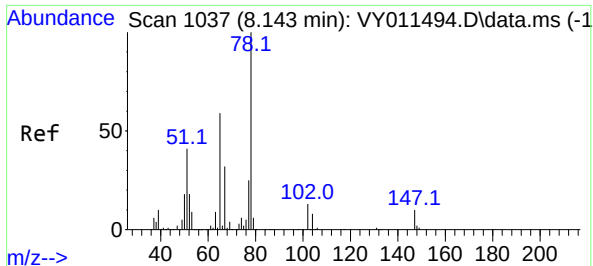
Ion Ratio Lower Upper

56 100

69 153.7 26.7 40.1#

84 154.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.279 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011541.D

Acq: 22 Nov 2022 12:30

Instrument :

MSVOA_Y

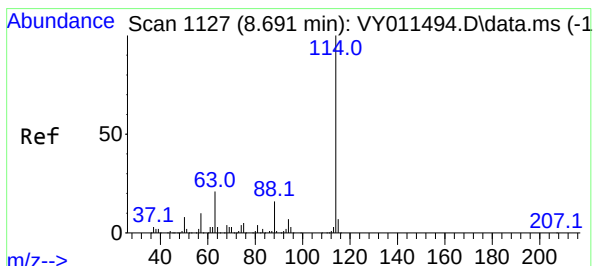
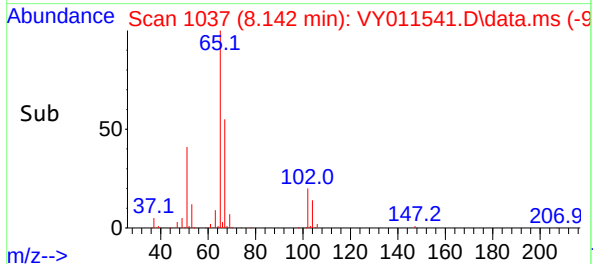
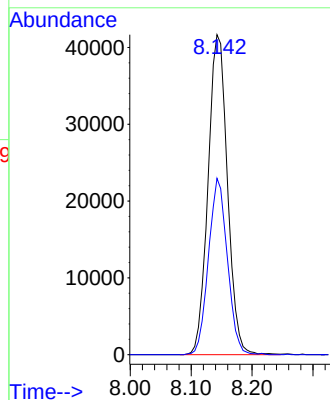
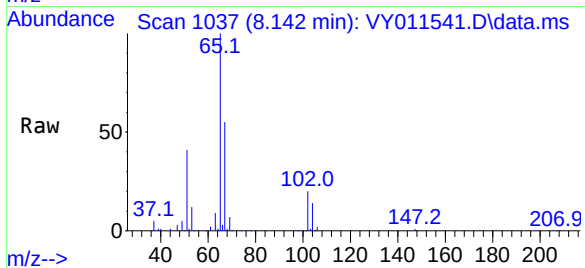
ClientSampleId :

Tgt Ion: 65 Resp: 92167

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011541.D

Acq: 22 Nov 2022 12:30

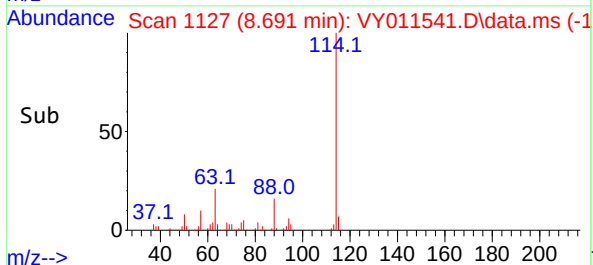
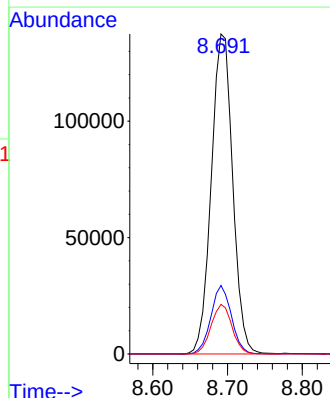
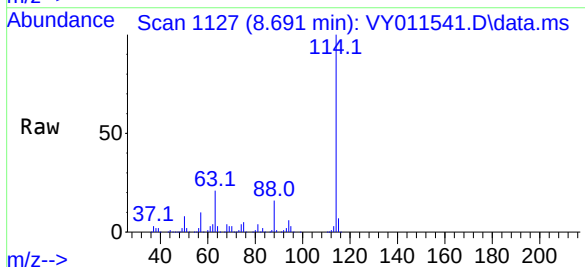
Tgt Ion: 114 Resp: 273387

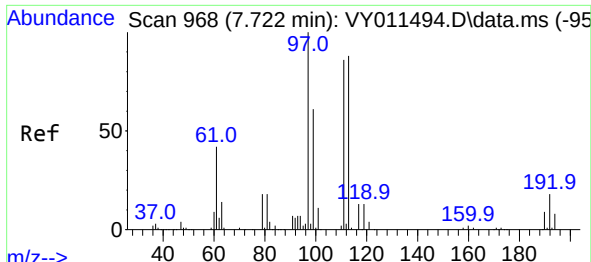
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

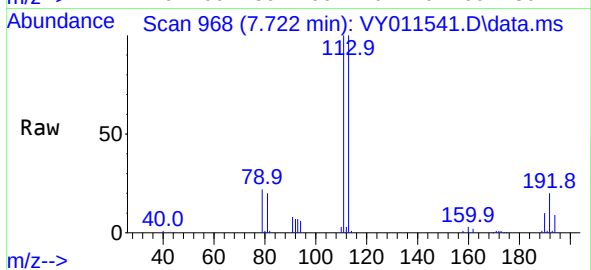
88 15.5 0.0 31.8





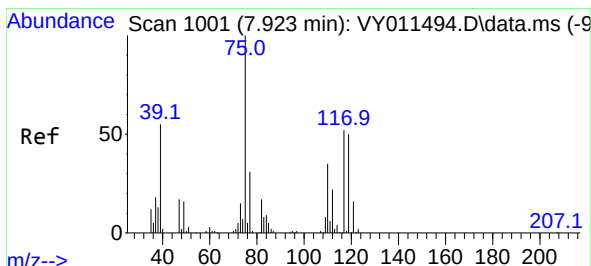
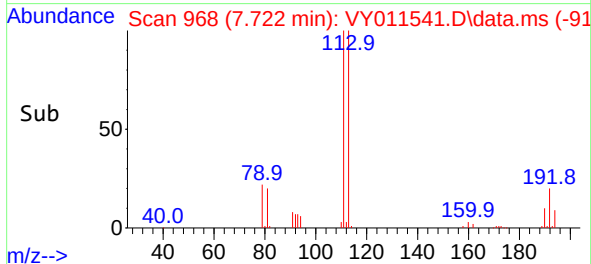
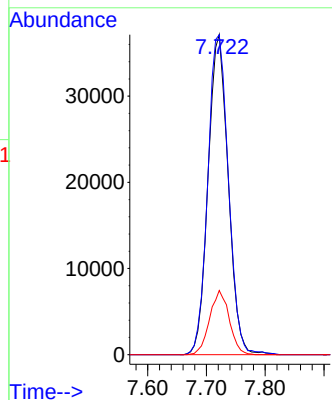
#35
Dibromofluoromethane
Concen: 52.457 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 88282

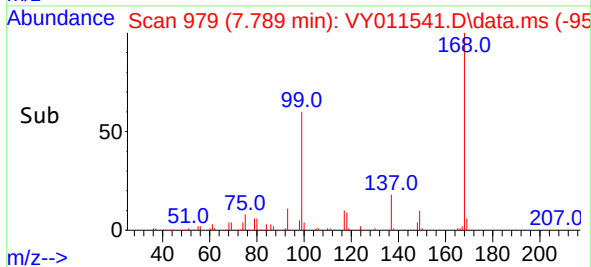
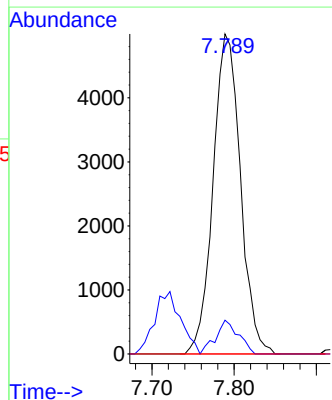
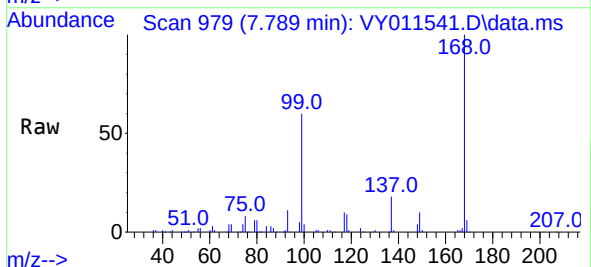
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.6	17.6	26.4

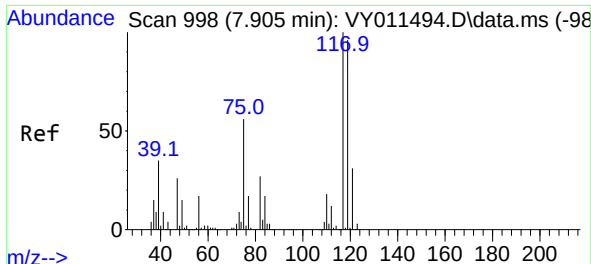


#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion: 75 Resp: 11537

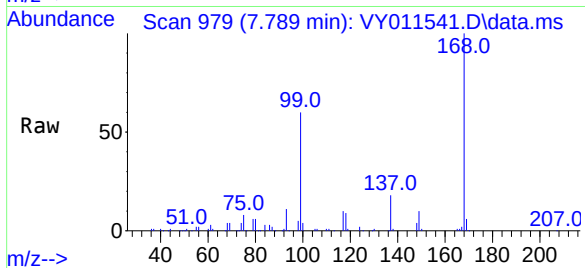
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#



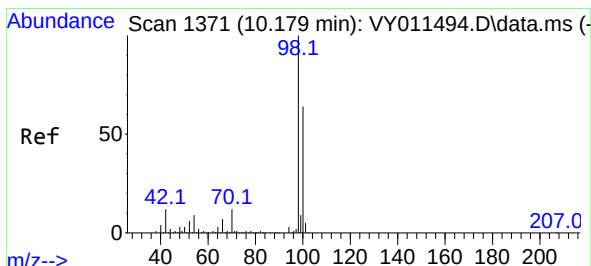
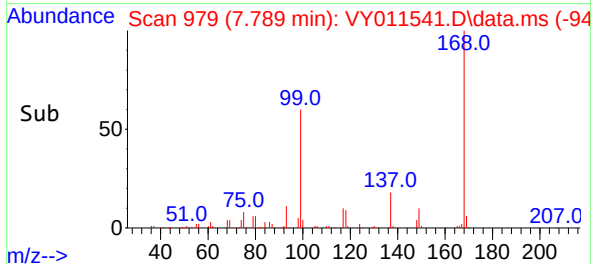
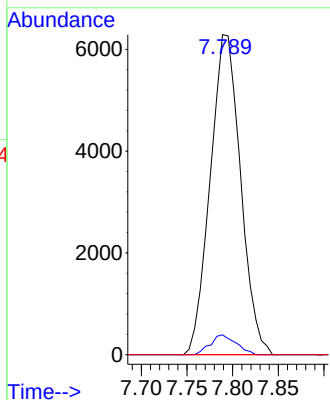


#38
Carbon Tetrachloride
Concen: 4.942 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :

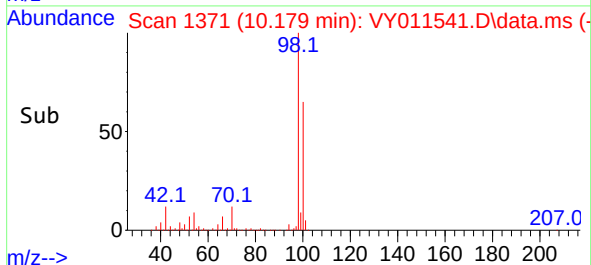
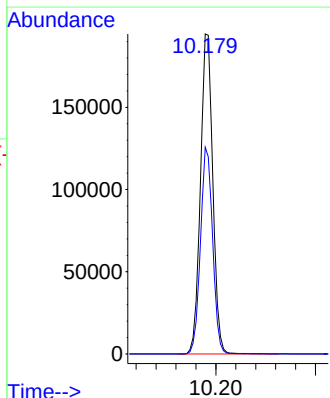
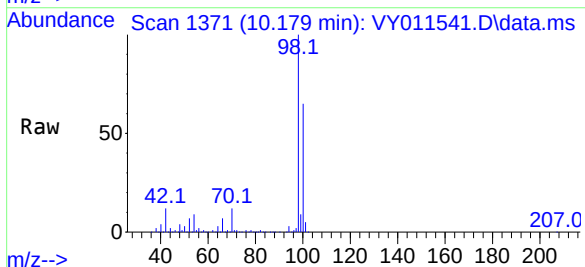


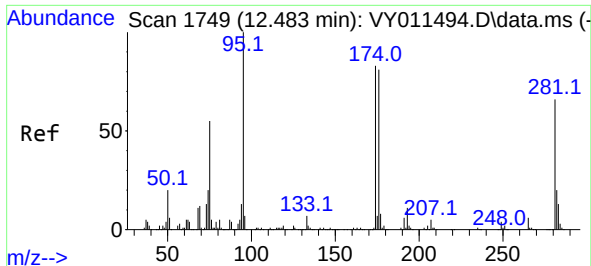
Tgt Ion:117 Resp: 14545
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.667 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion: 98 Resp: 334324
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

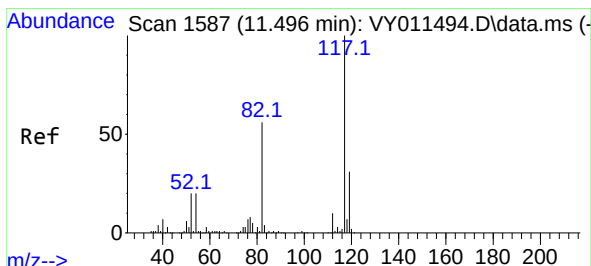
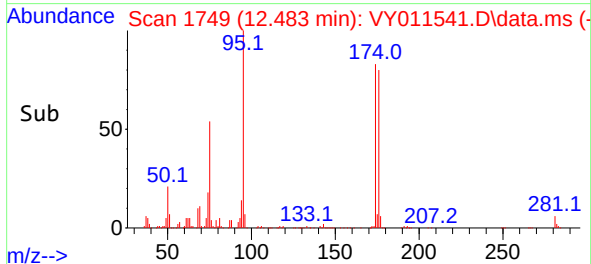
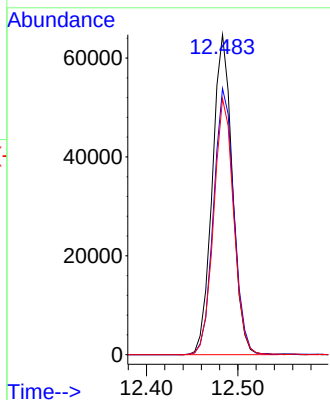
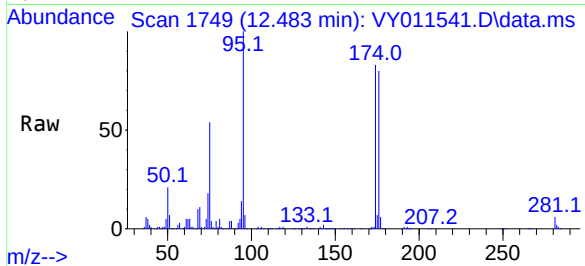




#62
4-Bromofluorobenzene
Concen: 43.571 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

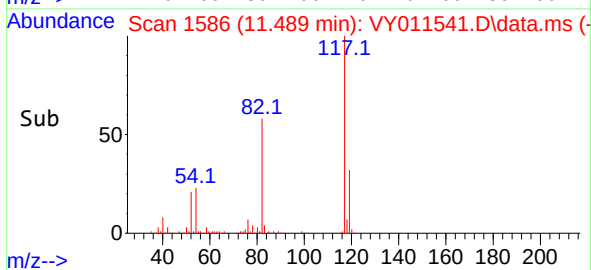
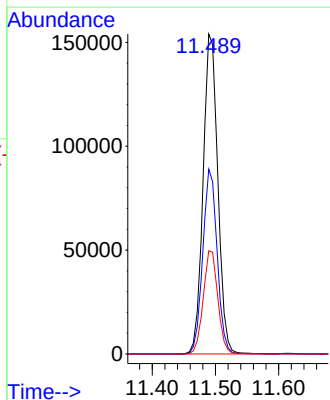
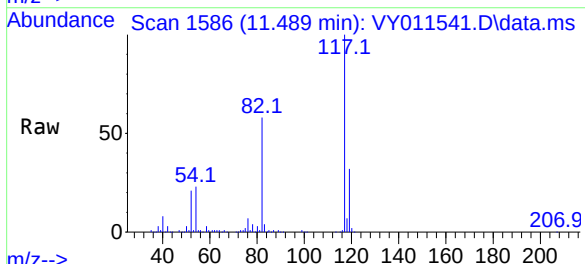
Instrument :
MSVOA_Y
ClientSampleId :

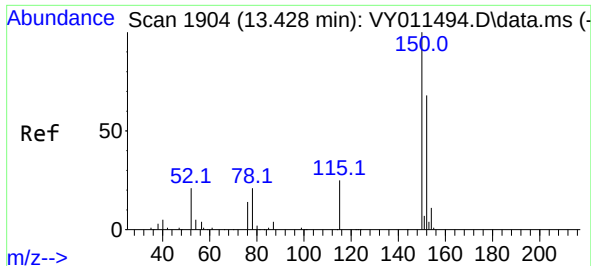
Tgt Ion: 95 Resp: 98520
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

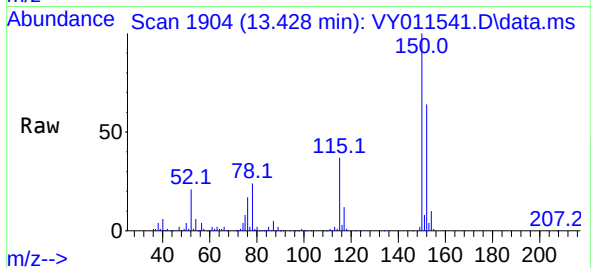
Tgt Ion:117 Resp: 249863
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 32.3 25.4 38.0



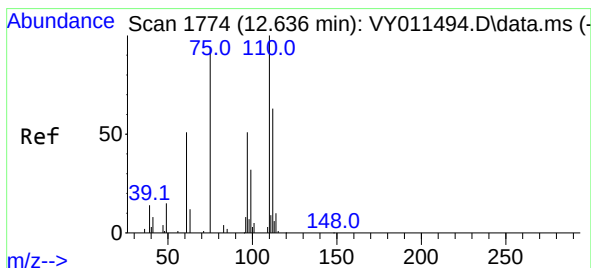
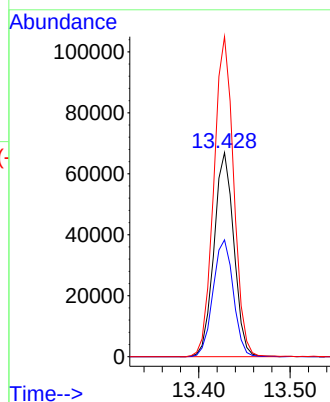
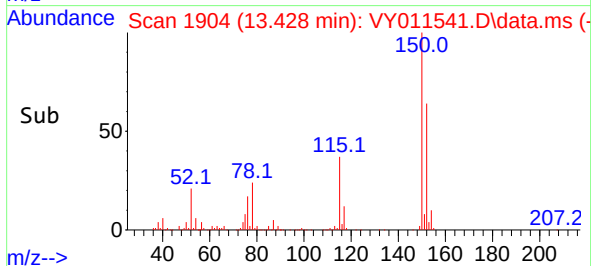


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011541.D
 Acq: 22 Nov 2022 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

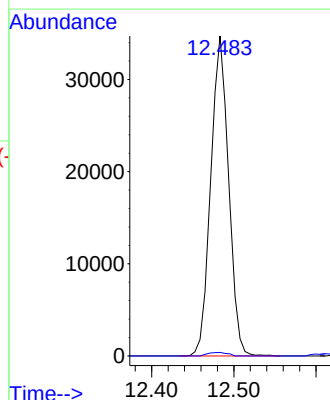
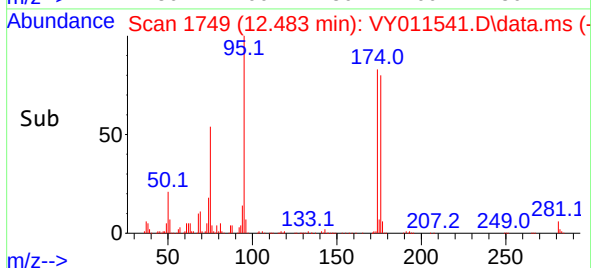
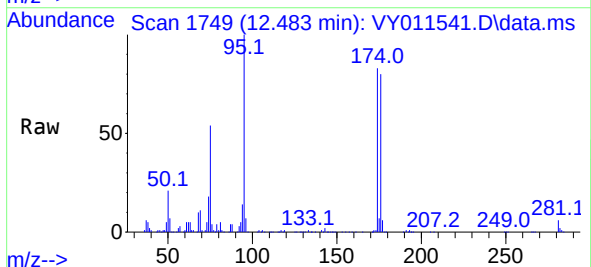


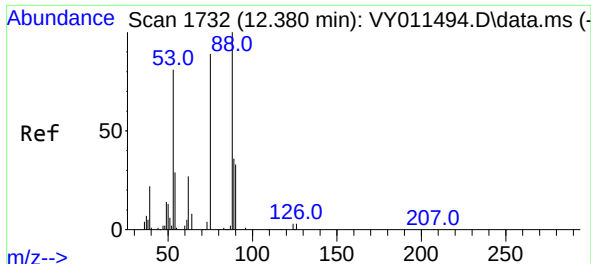
Tgt Ion:152 Resp: 101067
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.100 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011541.D
 Acq: 22 Nov 2022 12:30

Tgt Ion: 75 Resp: 52353
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

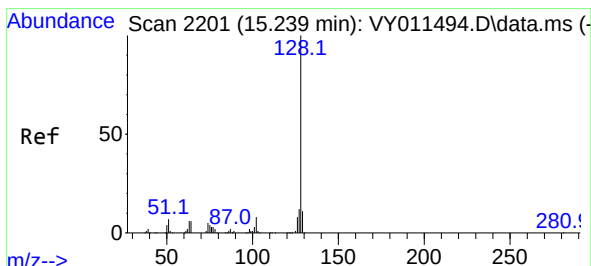
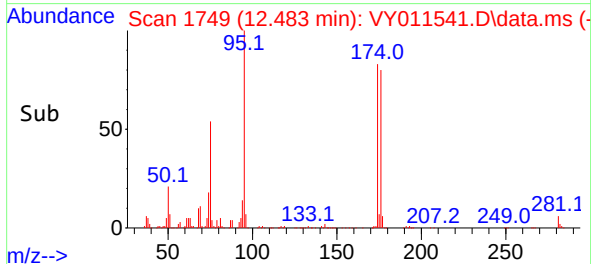
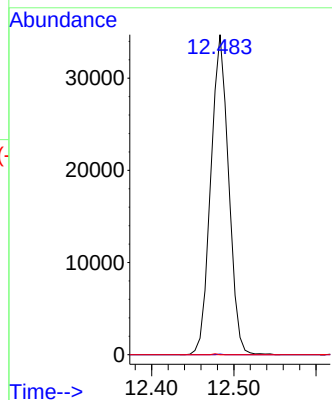
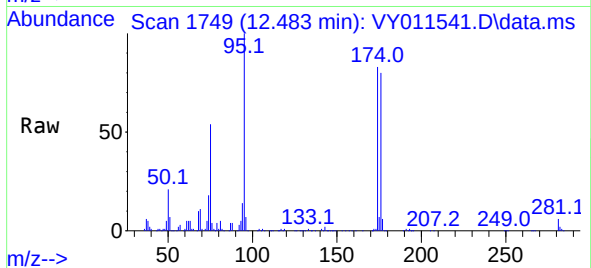




#81
trans-1,4-Dichloro-2-butene
Concen: 105.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52353
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.201 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011541.D
Acq: 22 Nov 2022 12:30

Tgt Ion:128 Resp: 705
Ion Ratio Lower Upper
128 100
127 2.8 11.0 16.4#
129 3.3 8.4 12.6#

