

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015046.D
 Acq On : 11 Aug 2023 09:55
 Operator : SY/MD
 Sample : VY0811SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBL01

Quant Time: Aug 11 14:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

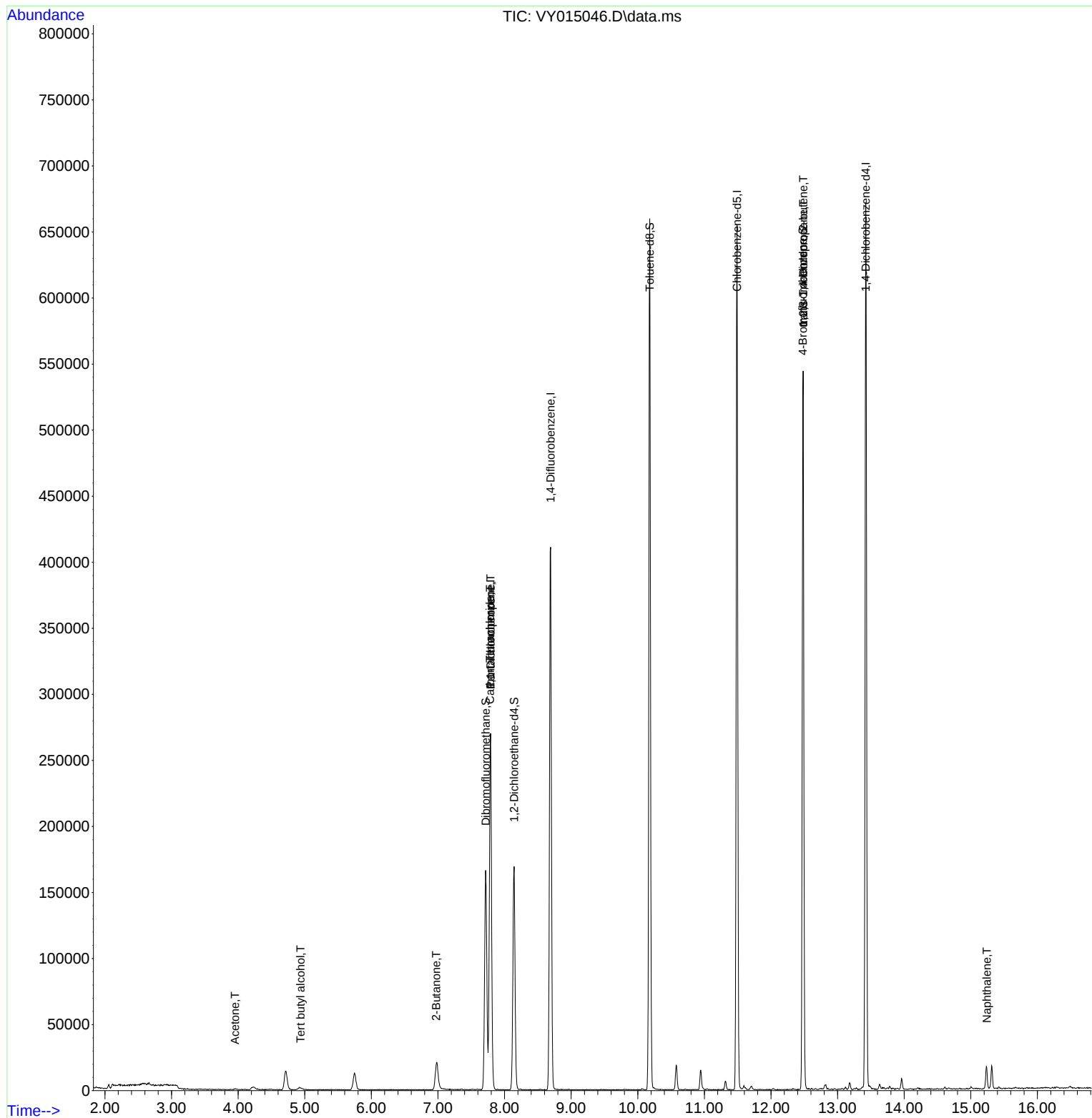
Internal Standards						
1) Pentafluorobenzene	7.789	168	211258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133114	51.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.980%	
35) Dibromofluoromethane	7.716	113	114521	49.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.280%	
50) Toluene-d8	10.179	98	427528	48.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.477	95	160257	51.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.000%	
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	83	Below Cal	#	43
5) Bromomethane	2.662	94	590	Below Cal		93
11) Tert butyl alcohol	4.936	59	1160	1.877	ug/l #	89
16) Acetone	3.954	43	1271	1.592	ug/l #	70
20) Methylene Chloride	4.716	84	11000	Below Cal	#	75
25) 2-Butanone	6.972	43	1657	1.449	ug/l #	82
31) Cyclohexane	7.783	56	4522	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	15854	5.535	ug/l #	51
38) Carbon Tetrachloride	7.783	117	20178	6.267	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	86344	41.168	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86344	90.695	ug/l #	11
95) Naphthalene	15.239	128	14039	1.808	ug/l	99

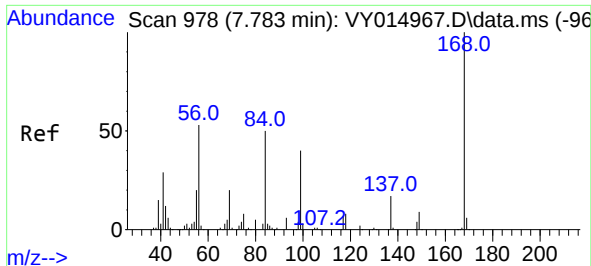
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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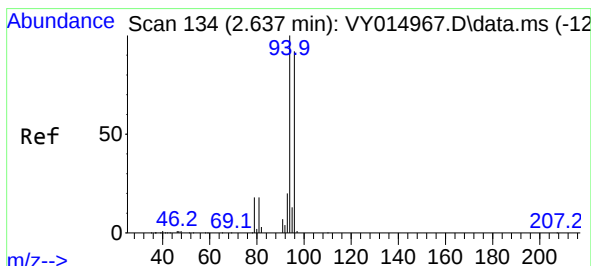
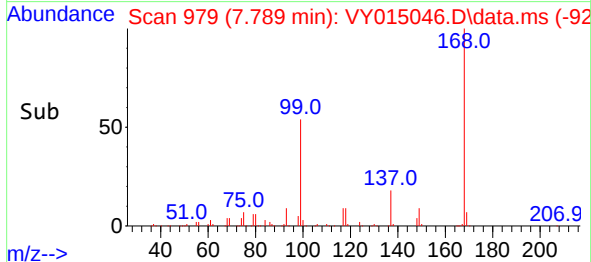
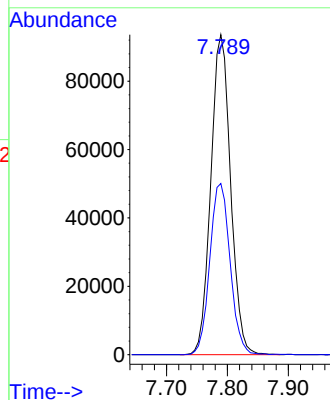
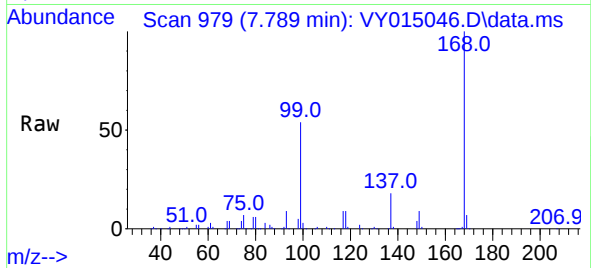




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

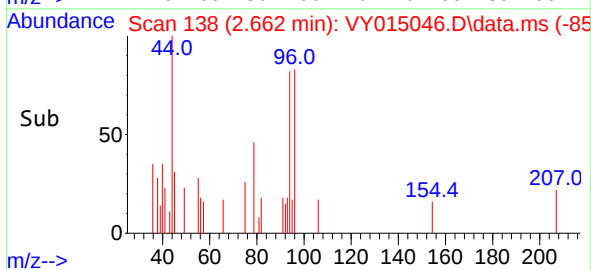
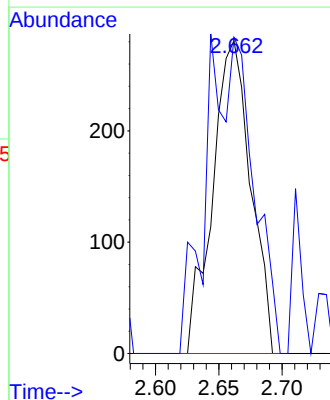
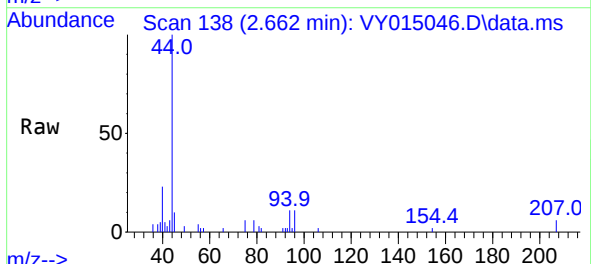
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

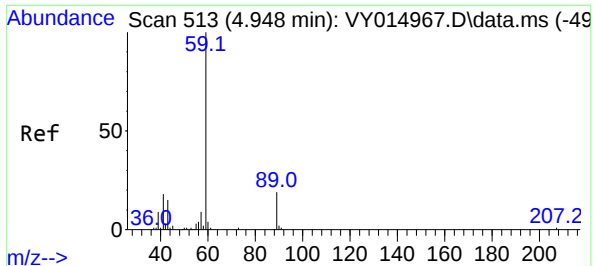
Tgt Ion:168 Resp: 211258
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 101.1 75.8 113.6

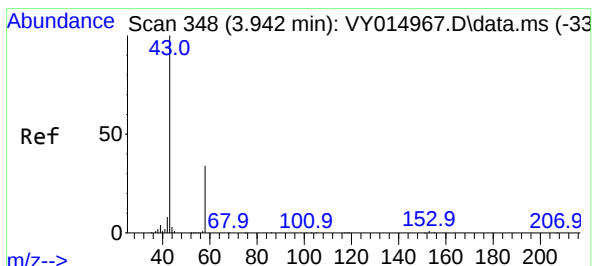
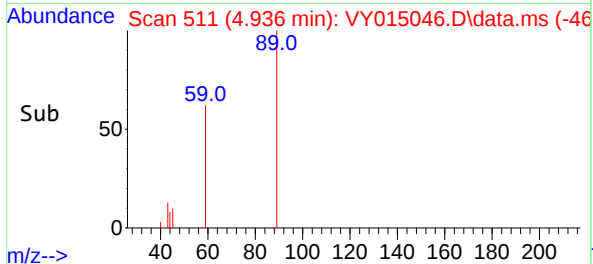
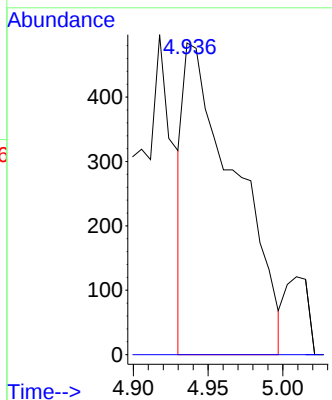
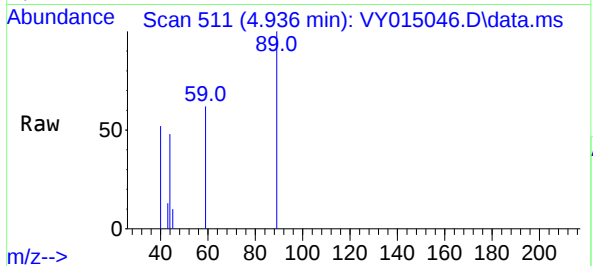




#11
Tert butyl alcohol
Concen: 1.877 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

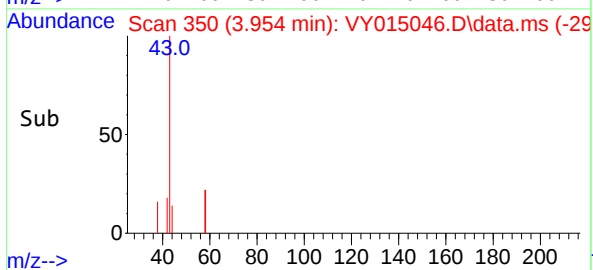
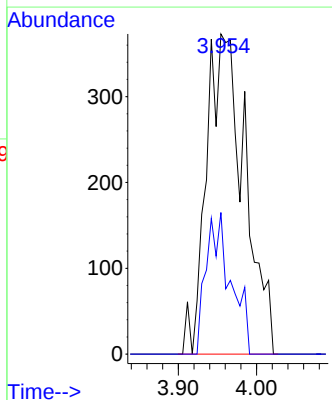
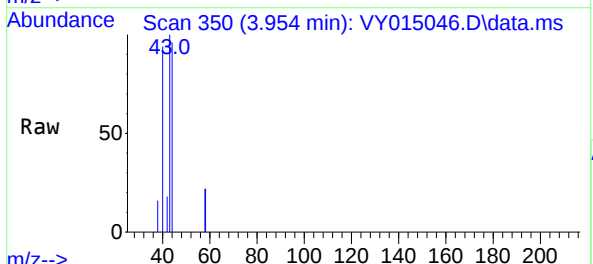
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

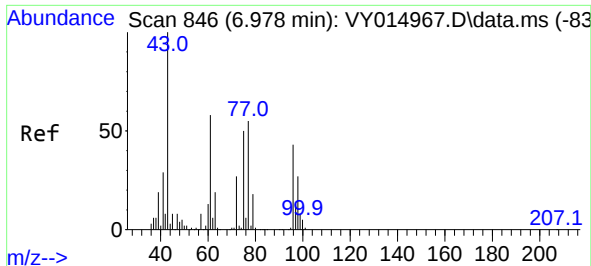
Tgt Ion: 59 Resp: 1160
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.592 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 44.2 22.7 34.1#





#25

2-Butanone

Concen: 1.449 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015046.D

Acq: 11 Aug 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

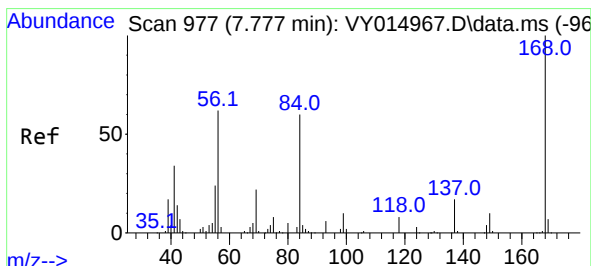
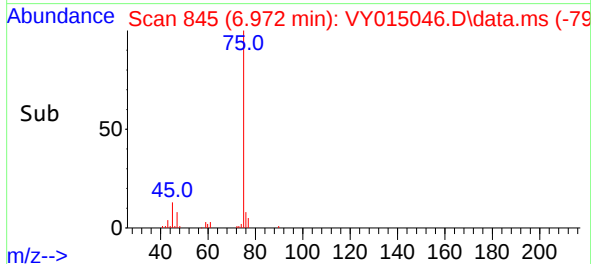
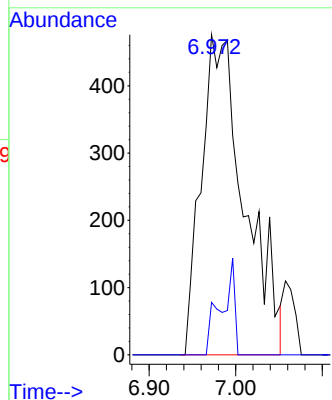
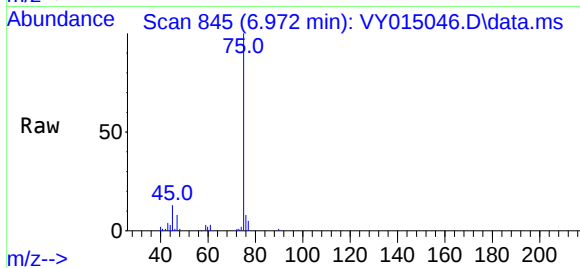
VY0811SBL01

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

72 16.4 20.5 30.7#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY015046.D

Acq: 11 Aug 2023 09:55

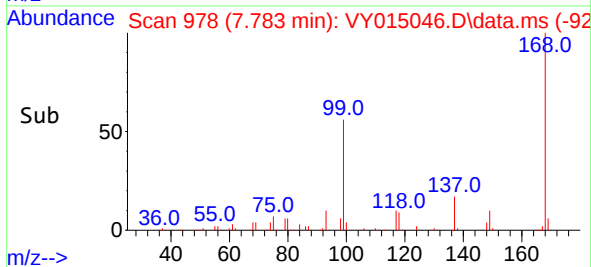
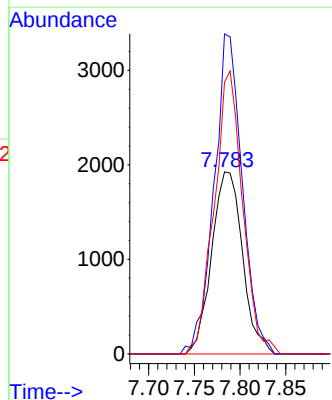
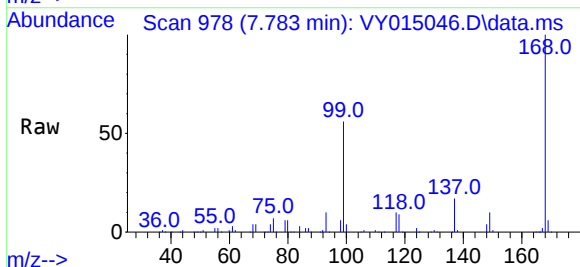
Tgt Ion: 56 Resp: 4522

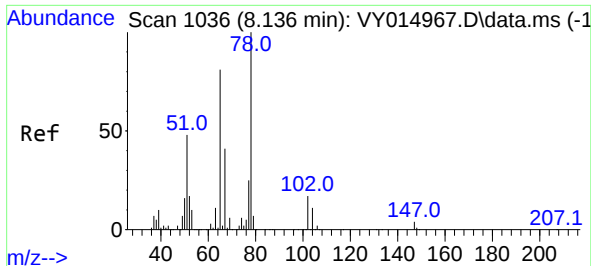
Ion Ratio Lower Upper

56 100

69 175.8 27.8 41.6#

84 149.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.987 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015046.D

Acq: 11 Aug 2023 09:55

Instrument :

MSVOA_Y

ClientSampleId :

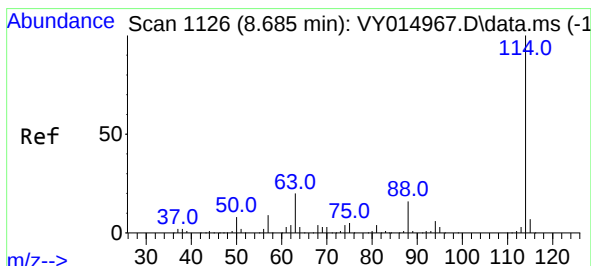
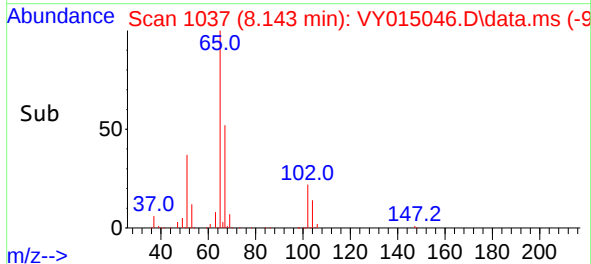
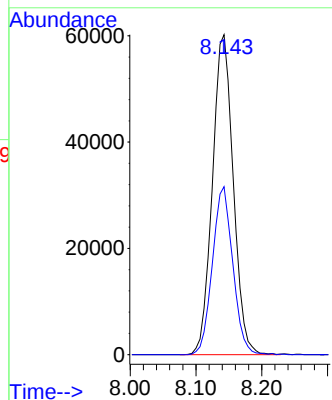
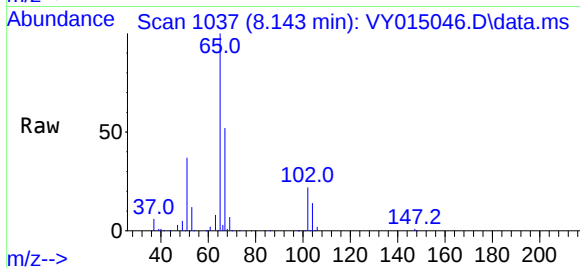
VY0811SBL01

Tgt Ion: 65 Resp: 133114

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015046.D

Acq: 11 Aug 2023 09:55

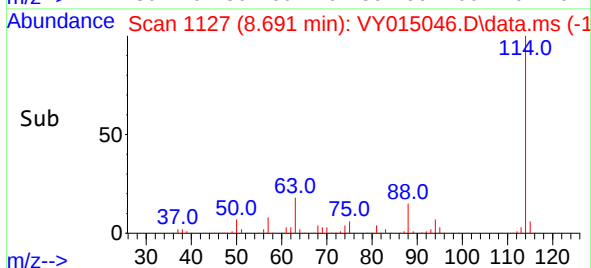
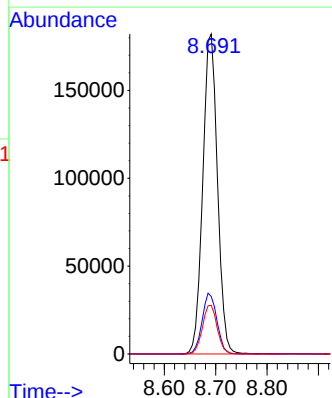
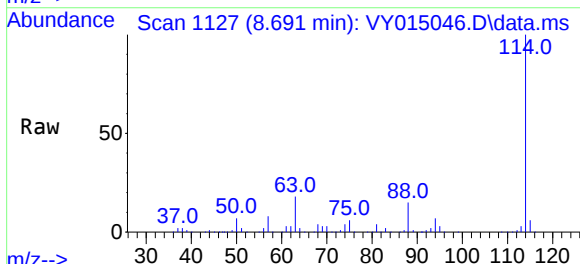
Tgt Ion: 114 Resp: 360756

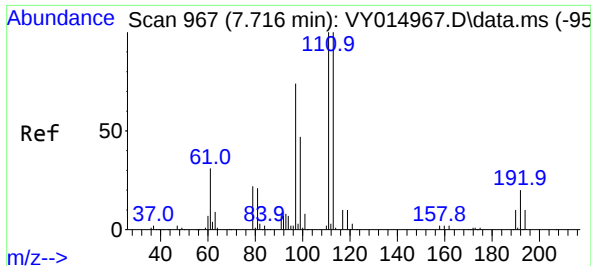
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.2 0.0 30.6



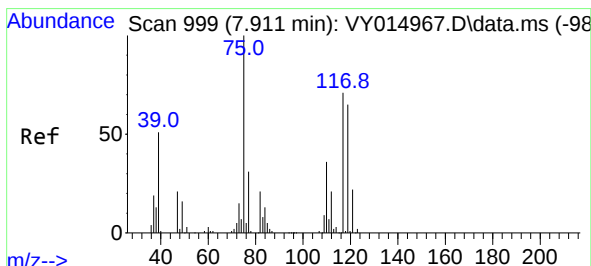
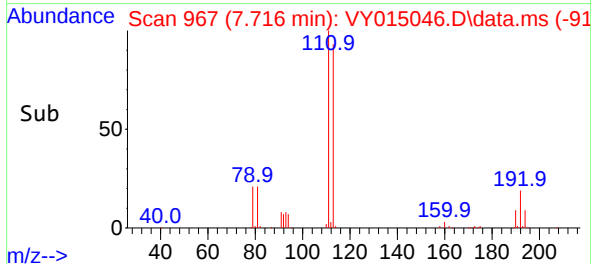
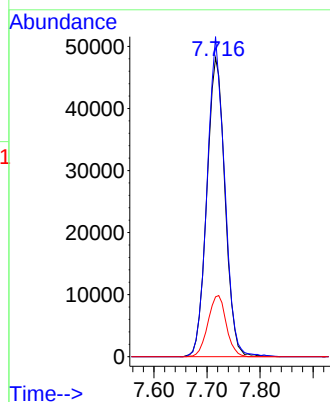
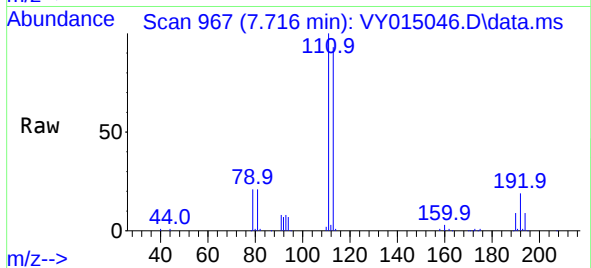


#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

Tgt Ion:113 Resp: 114521

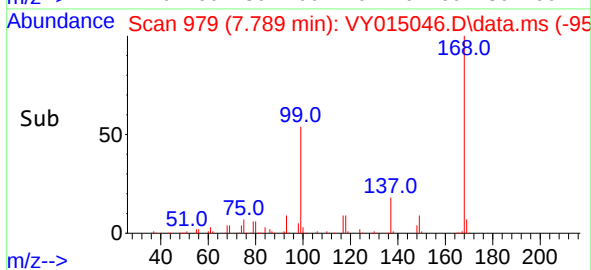
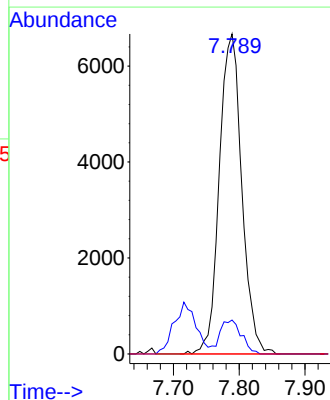
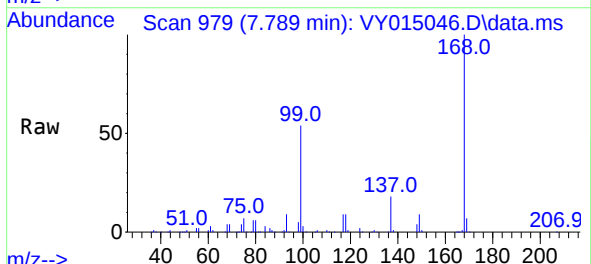
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.3	121.9
192	20.6	16.9	25.3

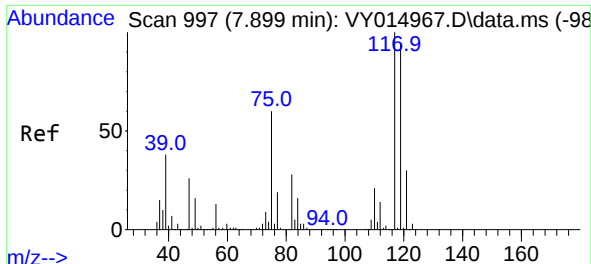


#36
1,1-Dichloropropene
Concen: 5.535 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 75 Resp: 15854

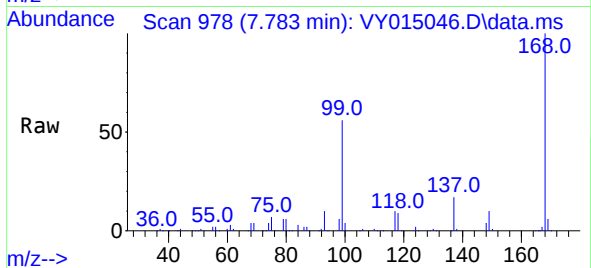
Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.8	53.5#
77	0.0	24.4	36.6#



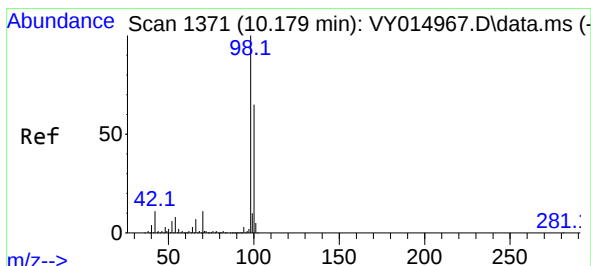
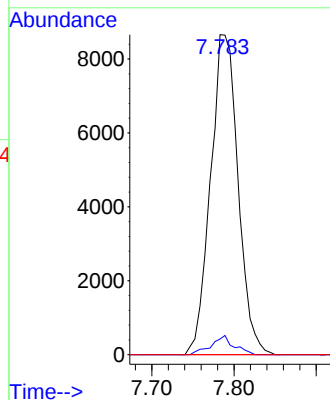
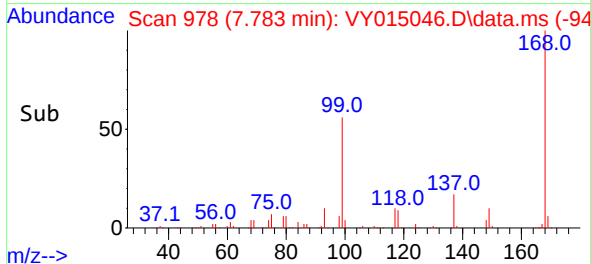


#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

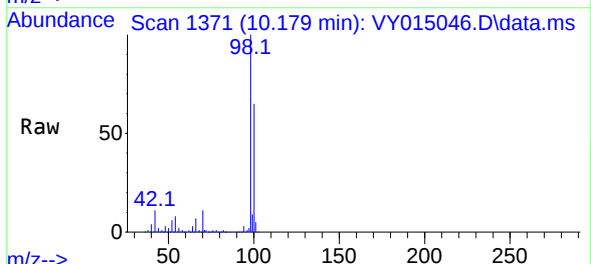
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VY0811SBL01



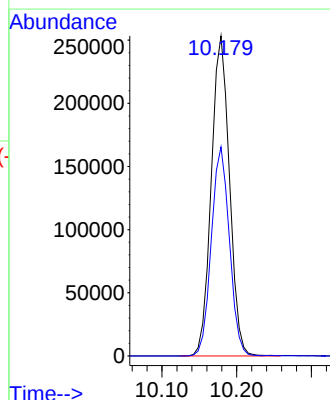
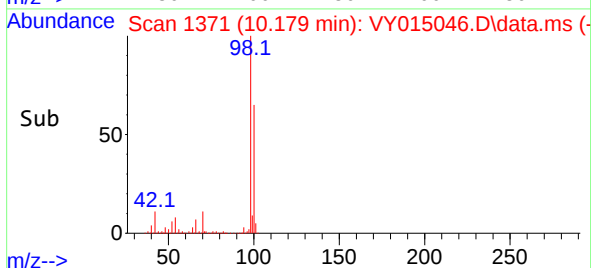
Tgt Ion:117 Resp: 20178
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#

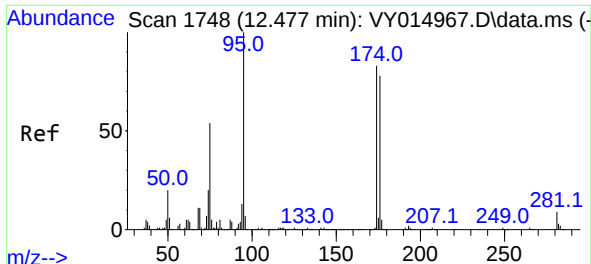


#50
Toluene-d8
Concen: 48.689 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55



Tgt Ion: 98 Resp: 427528
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

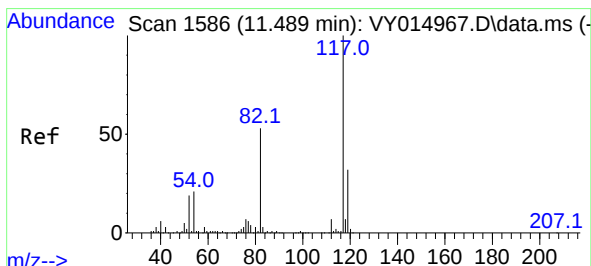
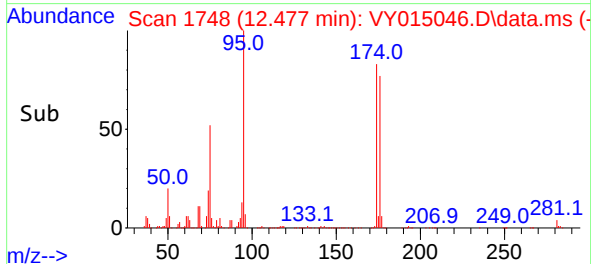
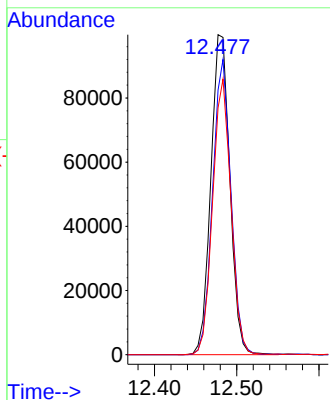
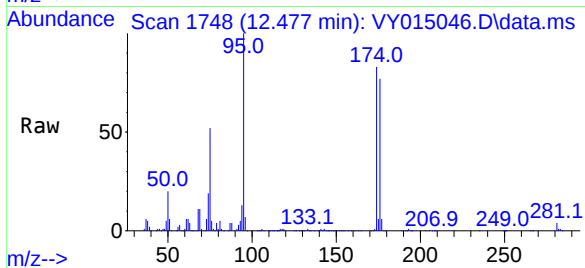




#62
4-Bromofluorobenzene
Concen: 51.495 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

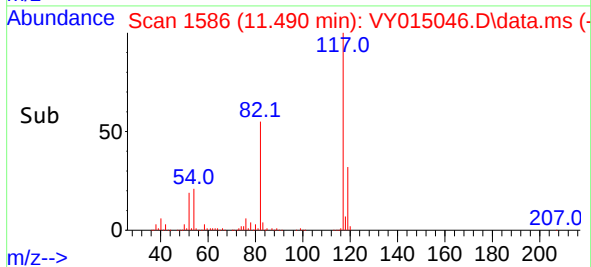
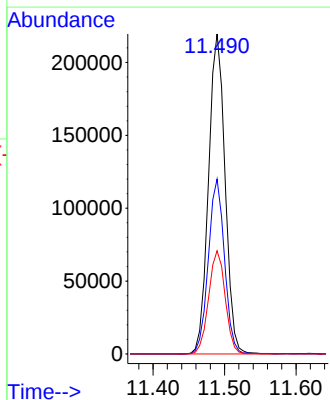
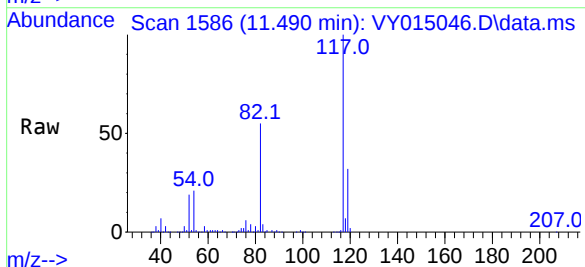
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

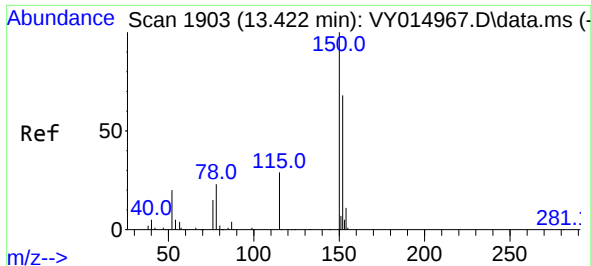
Tgt Ion: 95 Resp: 160257
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion: 117 Resp: 352406
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 26.3 39.5

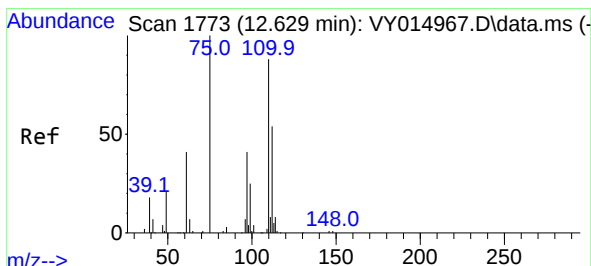
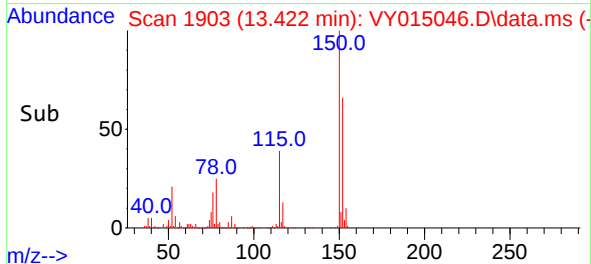
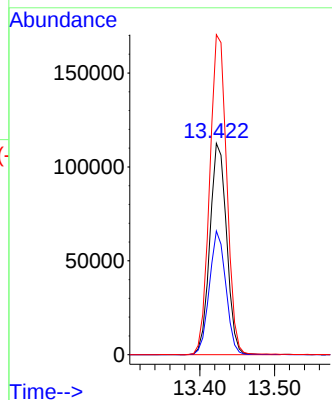
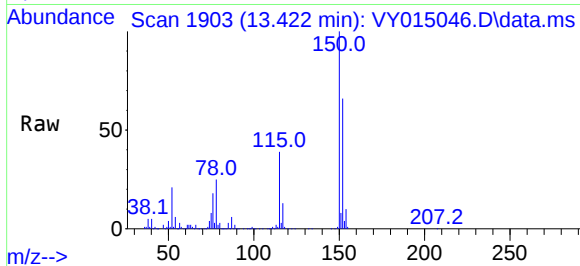




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015046.D
 Acq: 11 Aug 2023 09:55

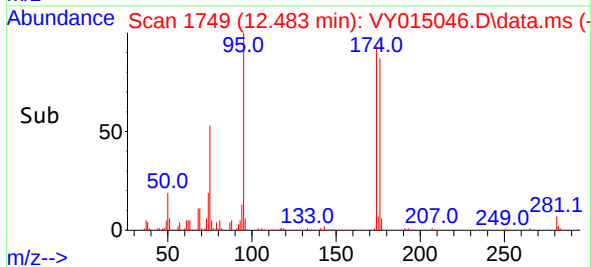
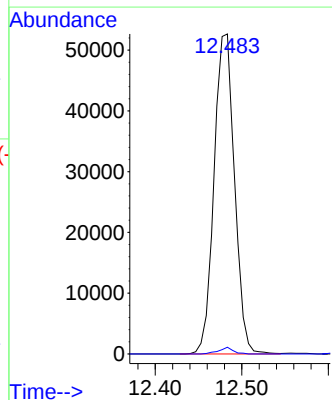
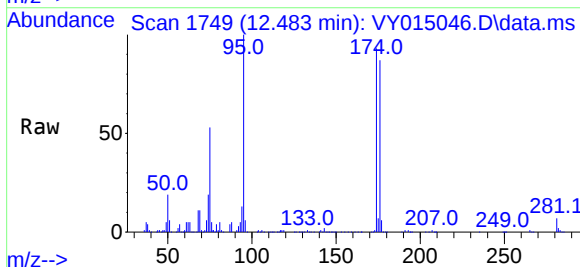
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBL01

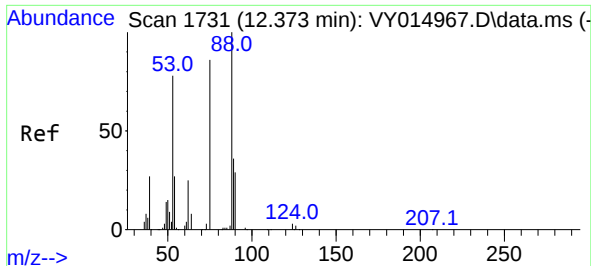
Tgt Ion:152 Resp: 175036
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 154.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.168 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015046.D
 Acq: 11 Aug 2023 09:55

Tgt Ion: 75 Resp: 86344
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

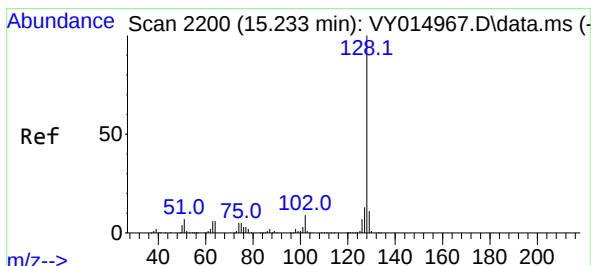
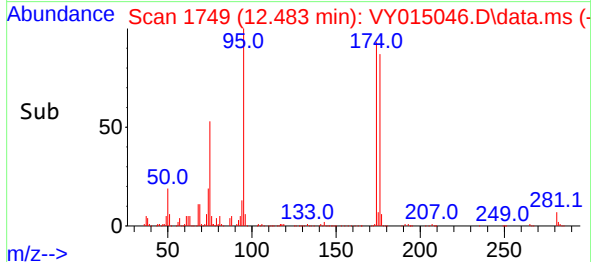
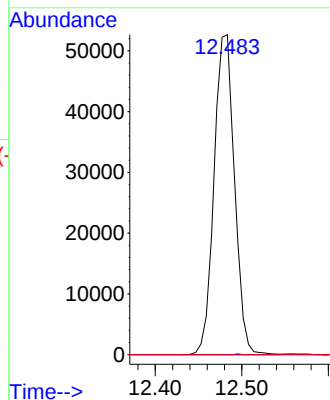
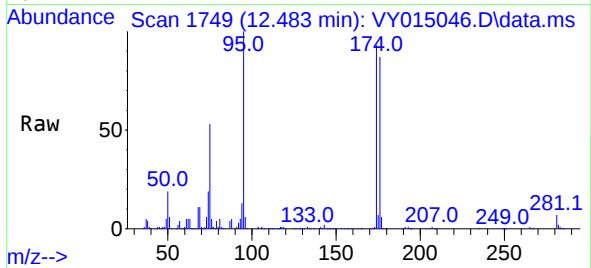




#81
trans-1,4-Dichloro-2-butene
Concen: 90.695 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

Tgt Ion: 75 Resp: 86344
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 1.808 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015046.D
Acq: 11 Aug 2023 09:55

Tgt Ion:128 Resp: 14039
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.3 8.6 13.0

