

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012022.D
 Acq On : 29 Dec 2022 12:54
 Operator : KP/MD
 Sample : VY1229SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1229SBL01

Quant Time: Dec 30 03:56:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

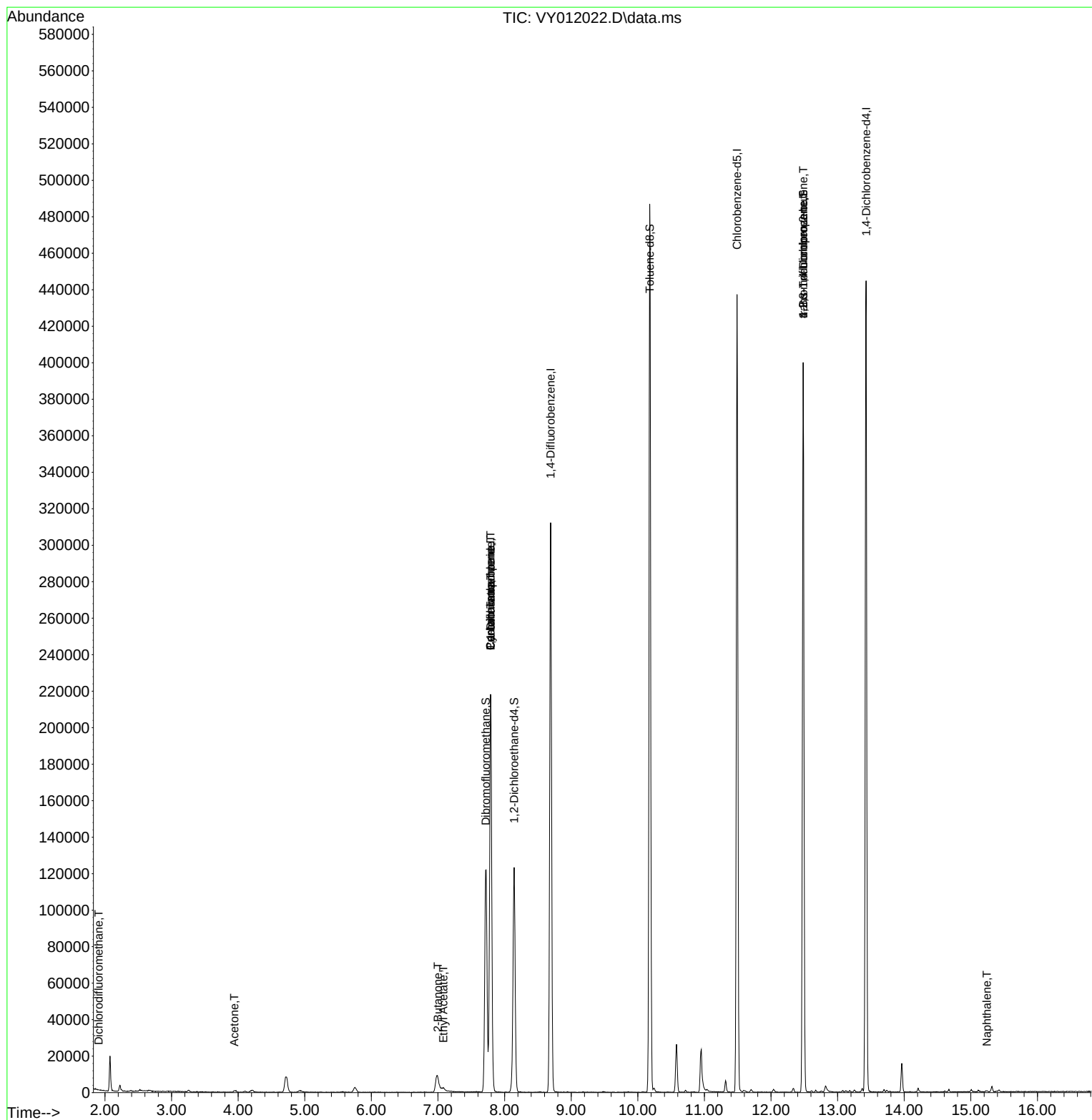
Internal Standards						
1) Pentafluorobenzene	7.789	168	167940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96879	57.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.520%	
35) Dibromofluoromethane	7.716	113	86110	53.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.179	98	327753	49.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.483	95	107929	48.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	85	2.528	ug/l #	41
11) Tert butyl alcohol	4.942	59	1171	Below Cal	#	74
16) Acetone	3.942	43	1702	8.178	ug/l #	71
20) Methylene Chloride	4.716	84	7147	Below Cal		87
25) 2-Butanone	6.996	43	1378	2.445	ug/l	93
31) Cyclohexane	7.789	56	3151	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12339	4.751	ug/l #	49
37) Ethyl Acetate	7.082	43	1657	1.422	ug/l #	87
38) Carbon Tetrachloride	7.789	117	16532	5.511	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58668	39.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58668	108.852	ug/l #	13
95) Naphthalene	15.239	128	984	2.991	ug/l #	69

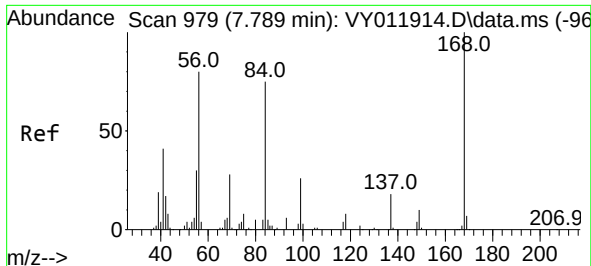
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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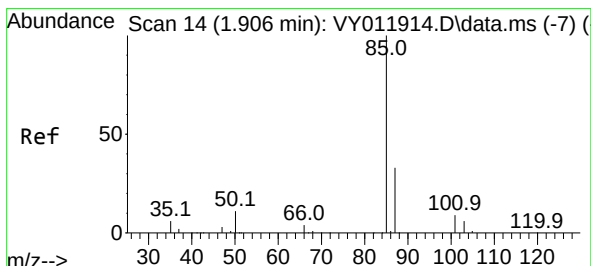
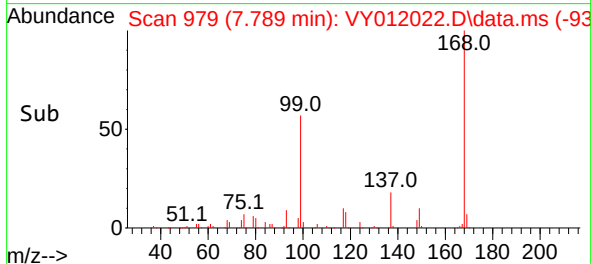
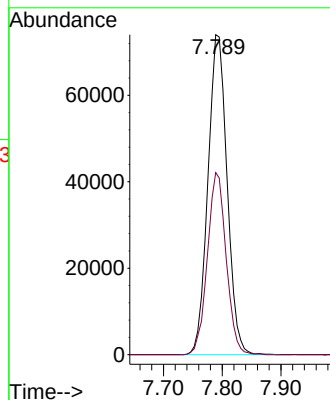
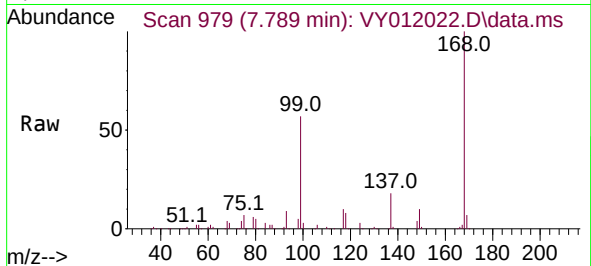




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

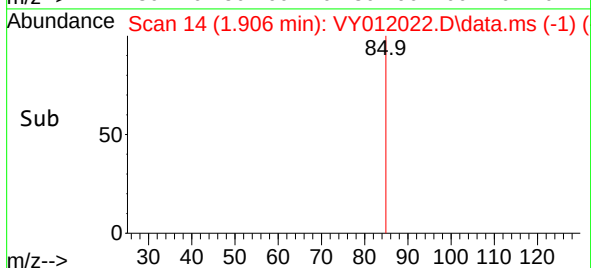
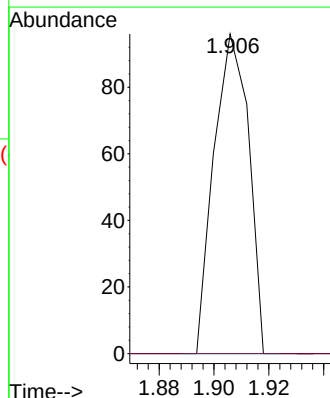
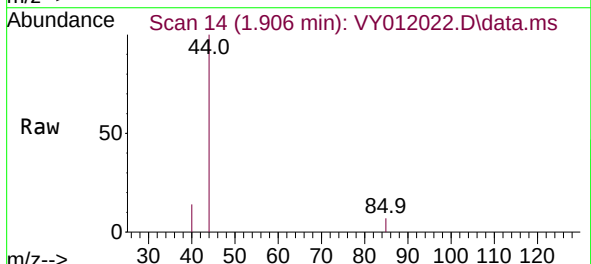
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

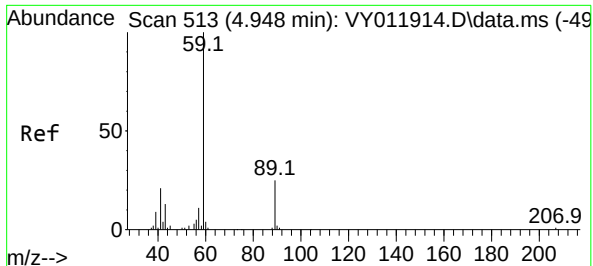
Tgt Ion:168 Resp: 167940
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.528 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion: 85 Resp: 85
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

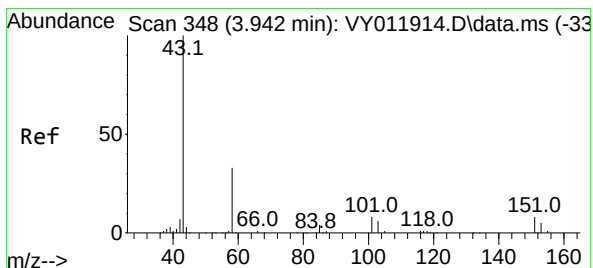
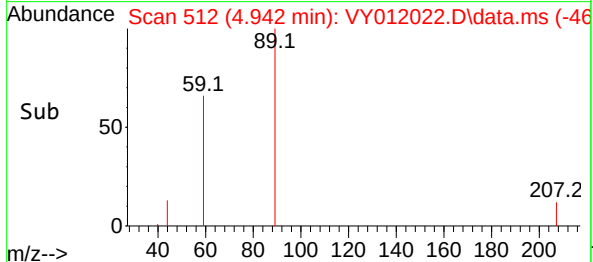
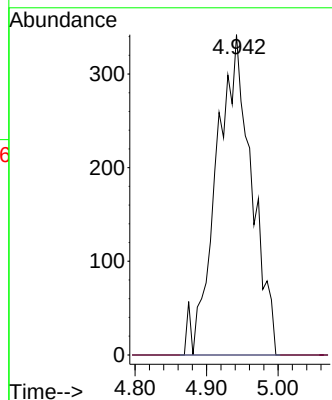
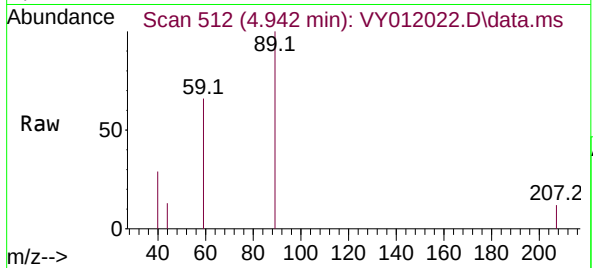




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

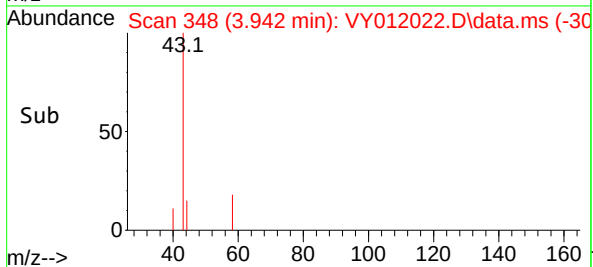
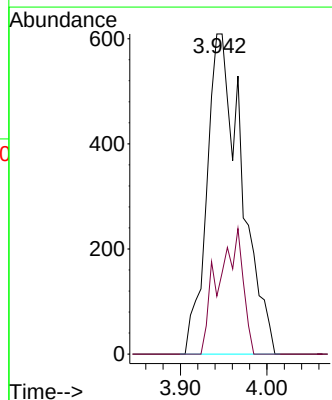
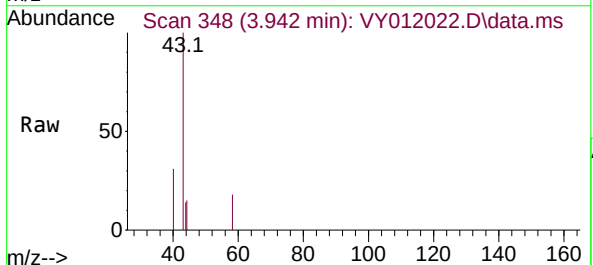
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

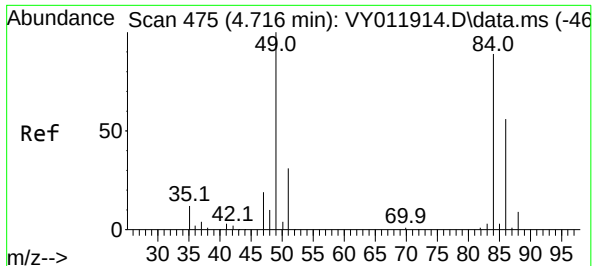
Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 8.178 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 18.1 27.9 41.9#

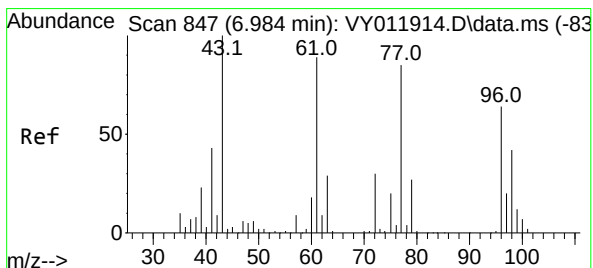
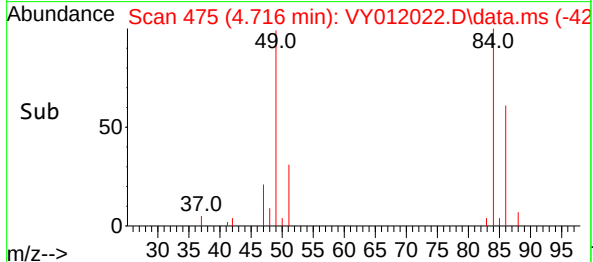
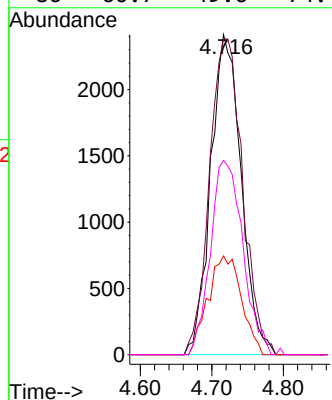
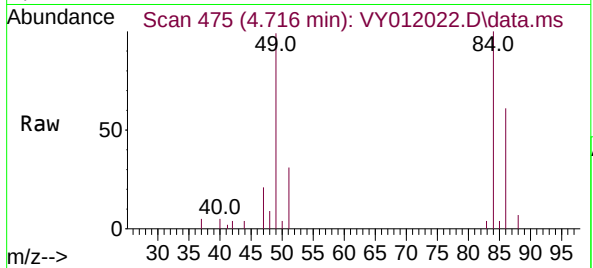




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

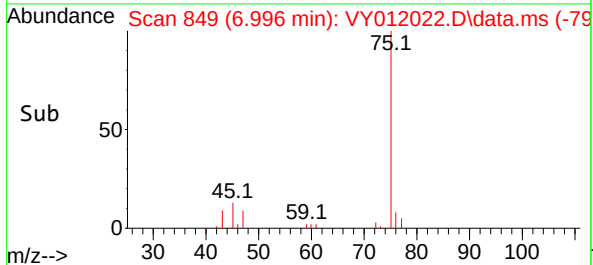
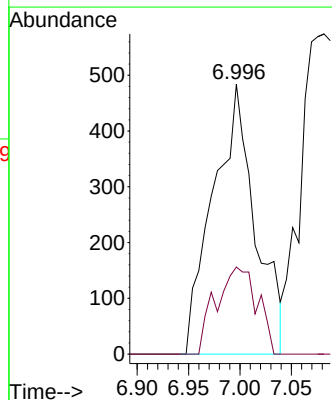
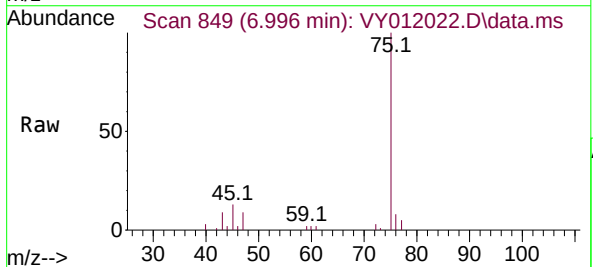
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

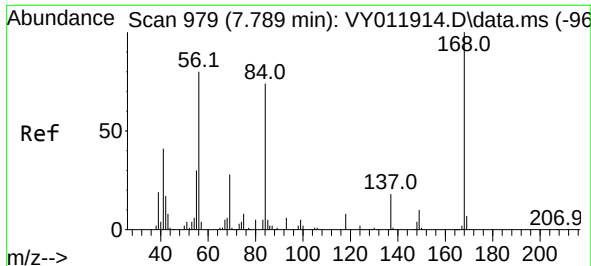
Tgt Ion: 84	Resp: 7147
Ion Ratio	Lower Upper
84 100	
49 98.6	95.4 143.2
51 30.9	29.9 44.9
86 60.7	49.6 74.4



#25
2-Butanone
Concen: 2.445 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion: 43	Resp: 1378
Ion Ratio	Lower Upper
43 100	
72 32.2	22.6 34.0

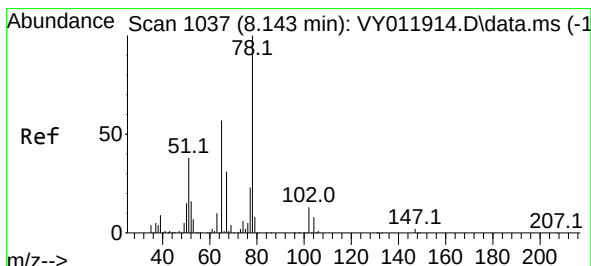
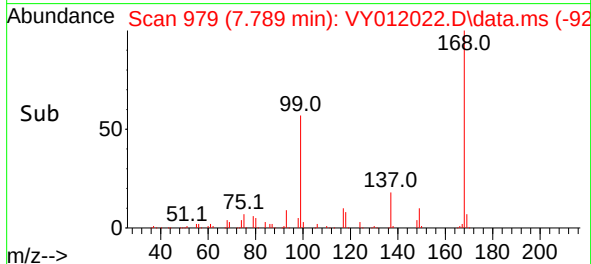
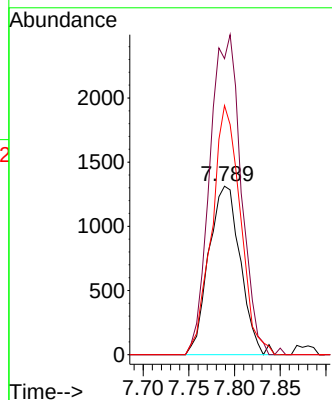
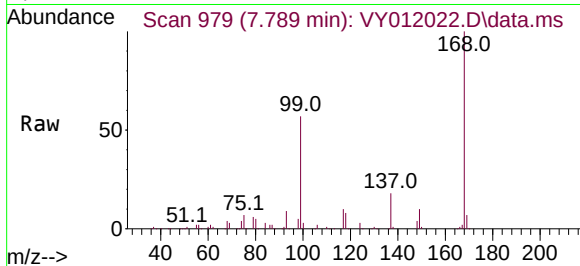




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

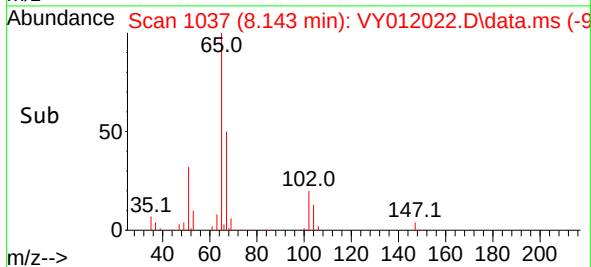
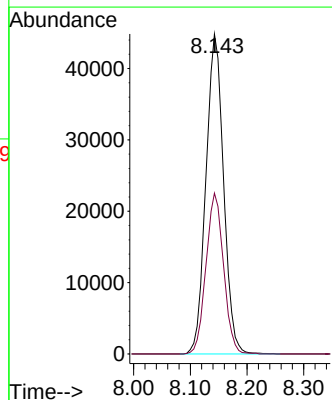
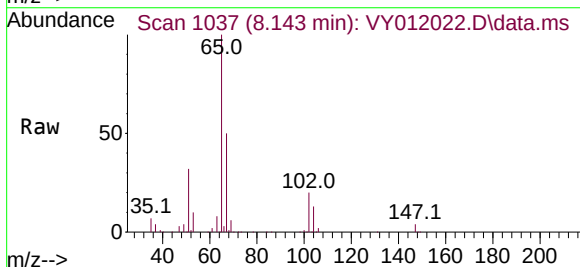
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

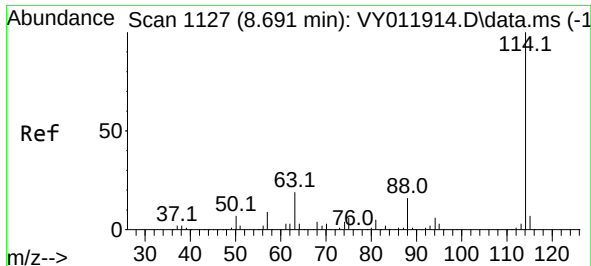
Tgt Ion: 56 Resp: 3151
Ion Ratio Lower Upper
56 100
69 175.8 29.2 43.8#
84 147.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 57.258 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion: 65 Resp: 96879
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012022.D

Acq: 29 Dec 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBL01

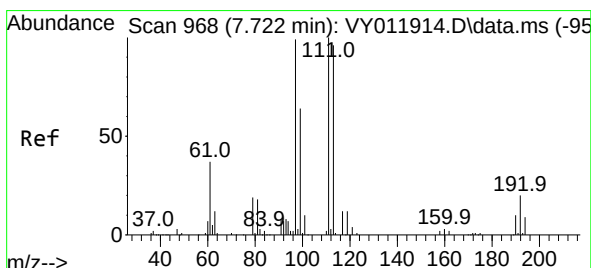
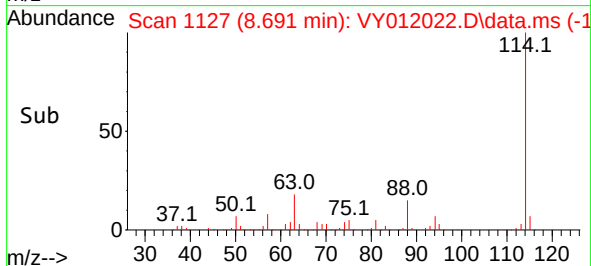
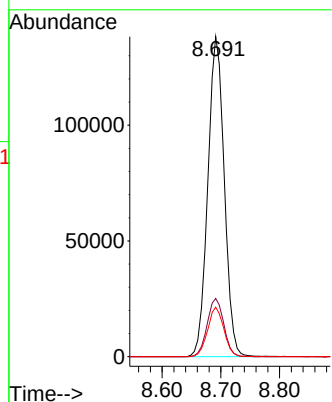
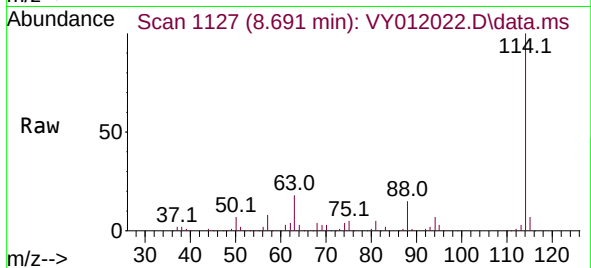
Tgt Ion:114 Resp: 268958

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.180 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012022.D

Acq: 29 Dec 2022 12:54

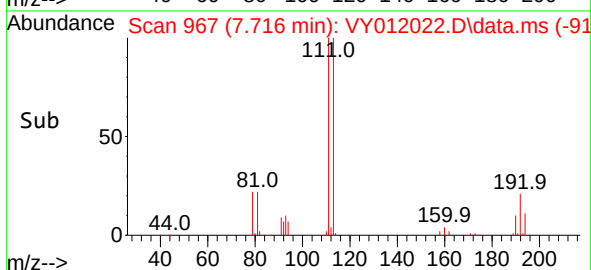
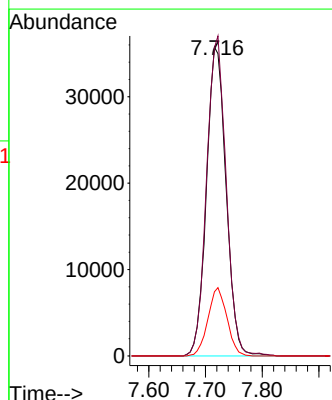
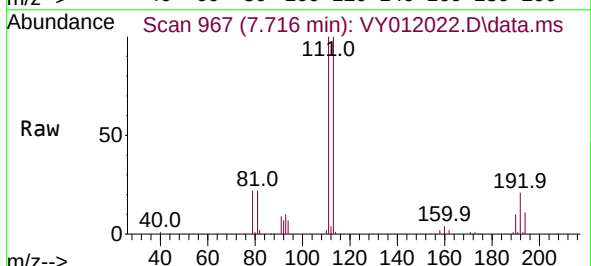
Tgt Ion:113 Resp: 86110

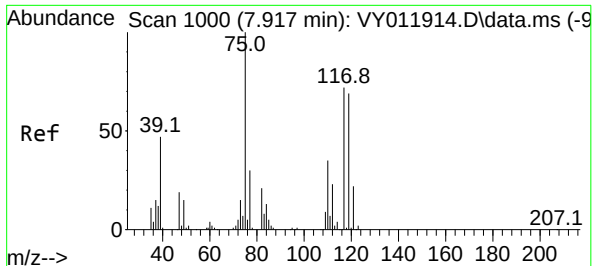
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.3 16.0 24.0

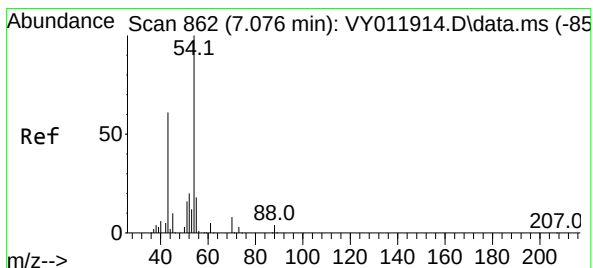
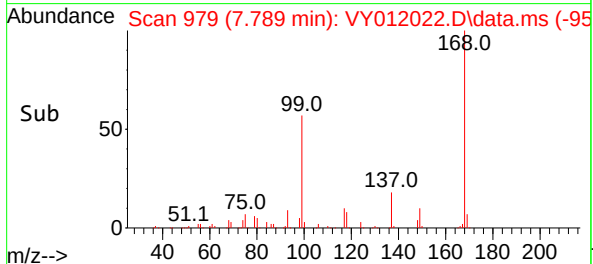
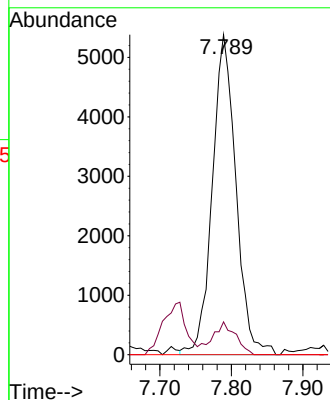
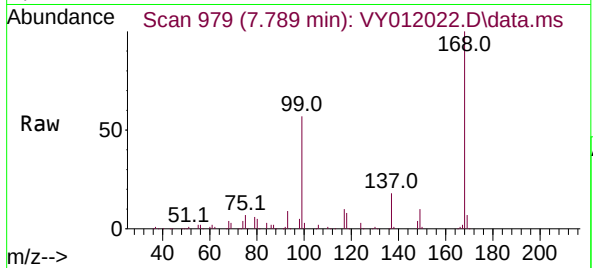




#36
 1,1-Dichloropropene
 Concen: 4.751 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012022.D
 Acq: 29 Dec 2022 12:54

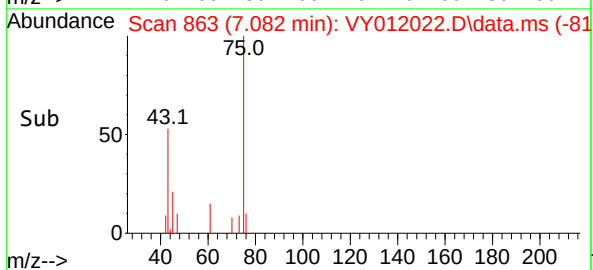
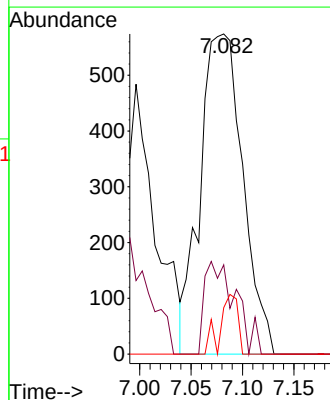
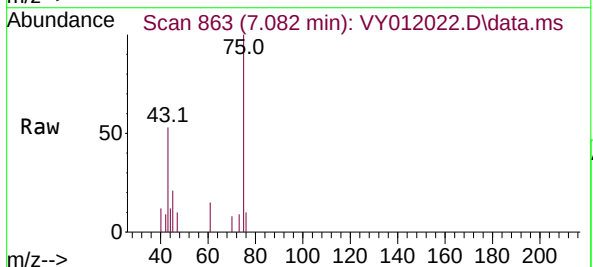
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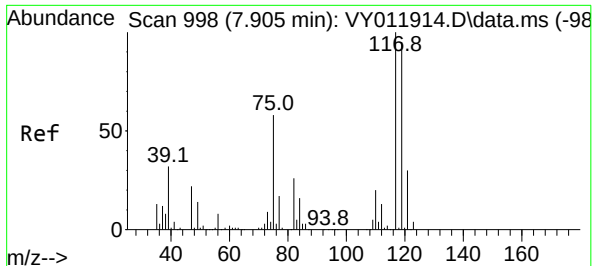
Tgt Ion: 75 Resp: 12339
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.1#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.422 ug/l
 RT: 7.082 min Scan# 863
 Delta R.T. 0.012 min
 Lab File: VY012022.D
 Acq: 29 Dec 2022 12:54

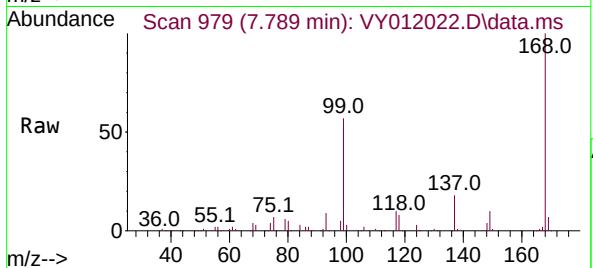
Tgt Ion: 43 Resp: 1657
 Ion Ratio Lower Upper
 43 100
 61 21.2 11.3 16.9#
 70 7.7 8.2 12.4#



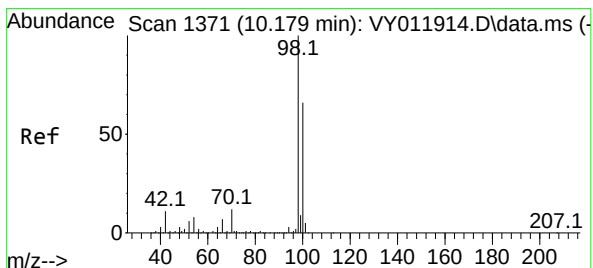
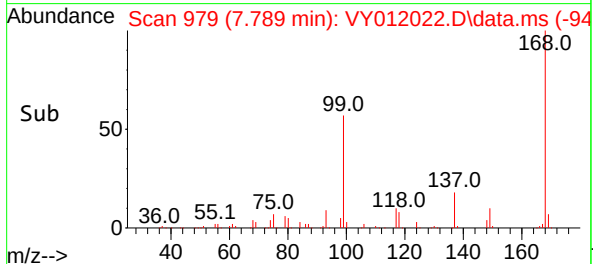
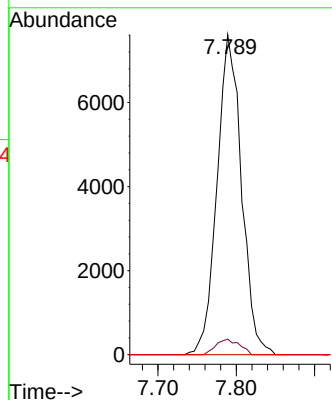


#38
Carbon Tetrachloride
Concen: 5.511 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

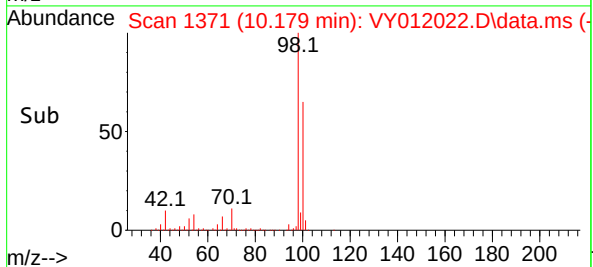
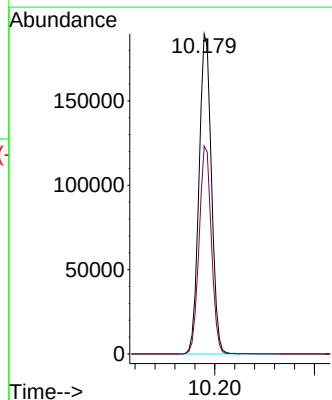
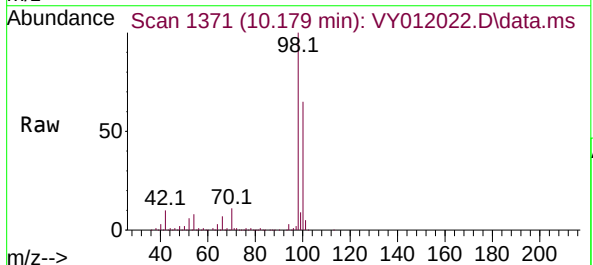


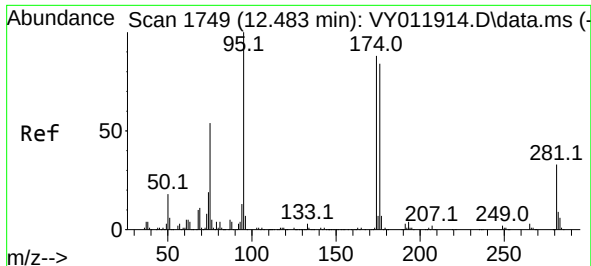
Tgt Ion:117 Resp: 16532
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion: 98 Resp: 327753
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 48.849 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012022.D

Acq: 29 Dec 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBL01

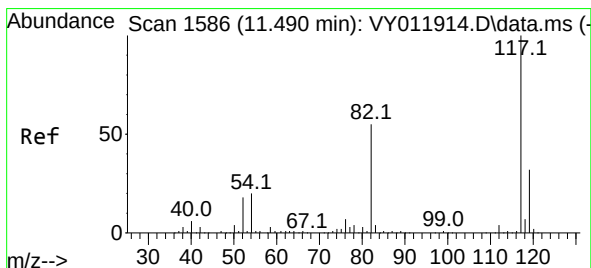
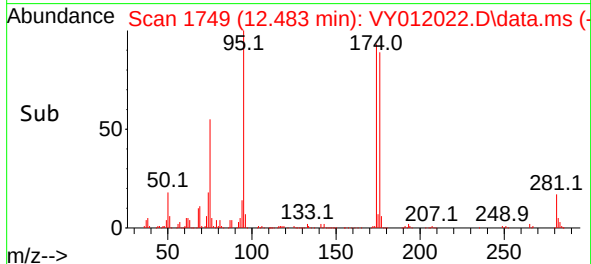
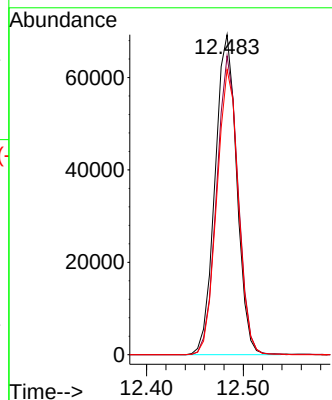
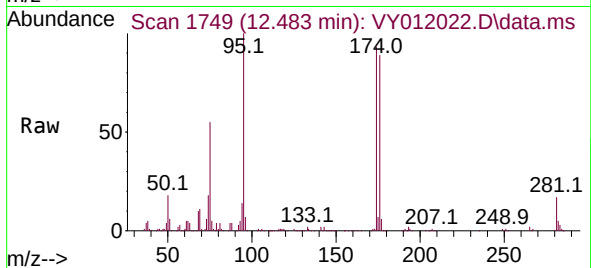
Tgt Ion: 95 Resp: 107929

Ion Ratio Lower Upper

95 100

174 92.3 0.0 172.0

176 88.4 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY012022.D

Acq: 29 Dec 2022 12:54

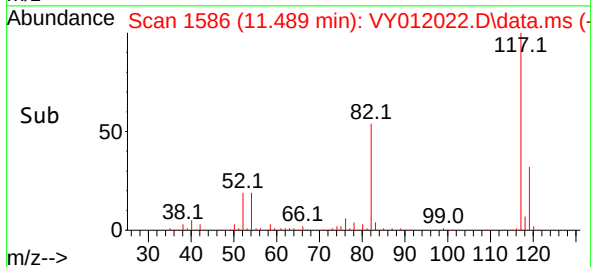
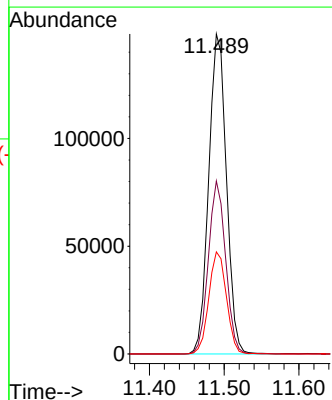
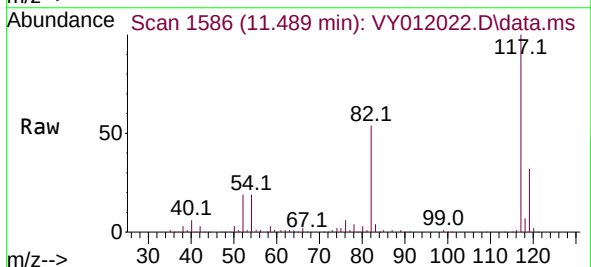
Tgt Ion: 117 Resp: 244089

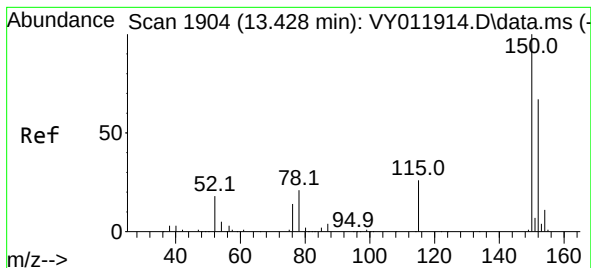
Ion Ratio Lower Upper

117 100

82 54.1 44.8 67.2

119 31.9 25.4 38.2

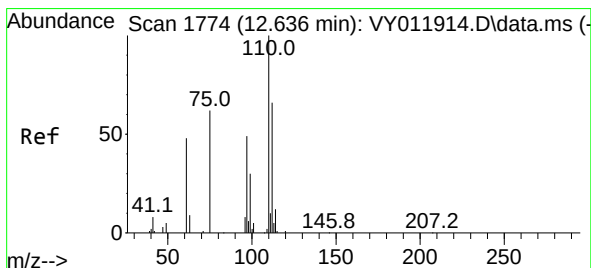
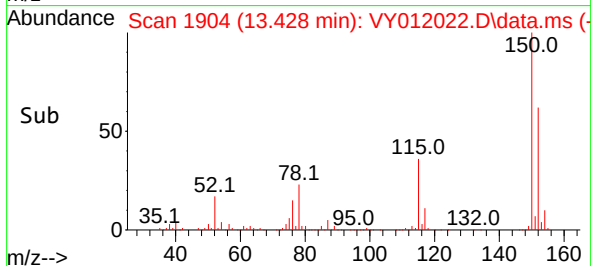
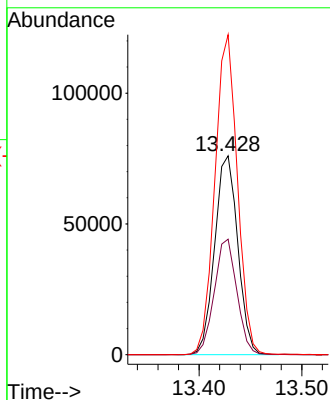
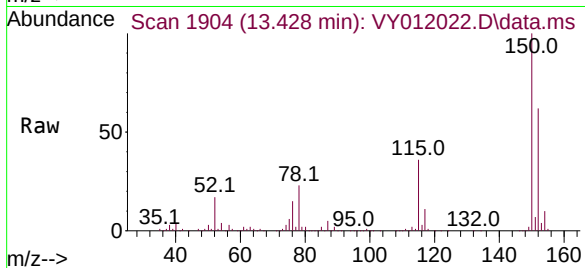




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012022.D
 Acq: 29 Dec 2022 12:54

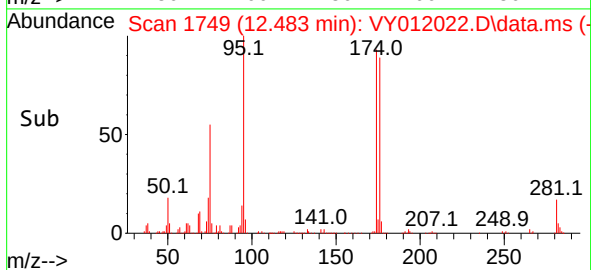
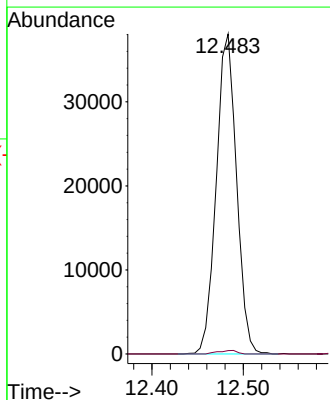
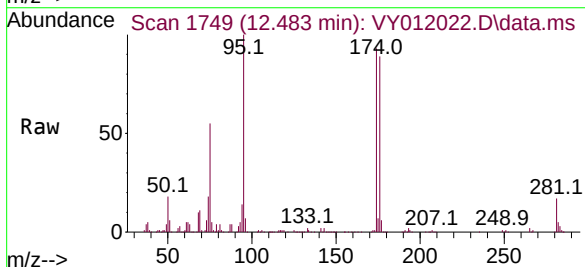
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1229SBL01

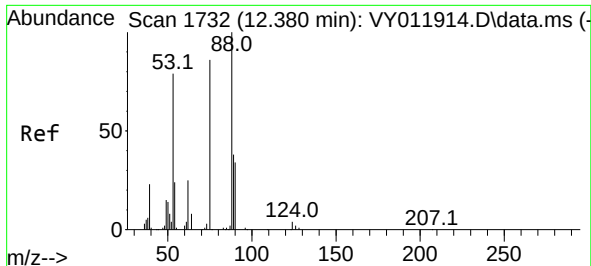
Tgt Ion:152 Resp: 118615
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.1 87.3
 150 156.7 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 39.749 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012022.D
 Acq: 29 Dec 2022 12:54

Tgt Ion: 75 Resp: 58668
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

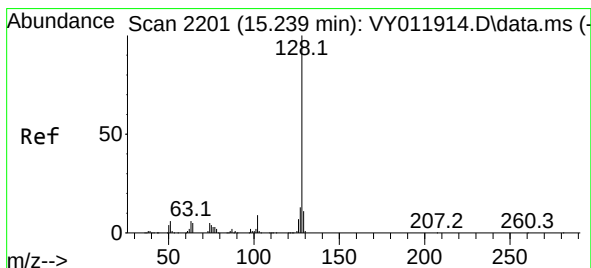
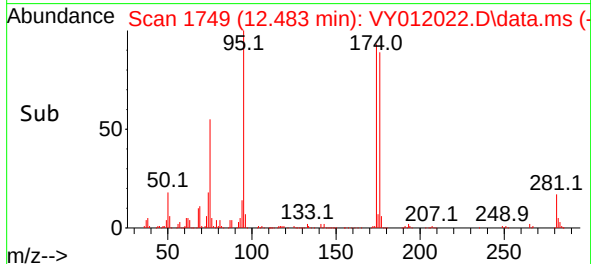
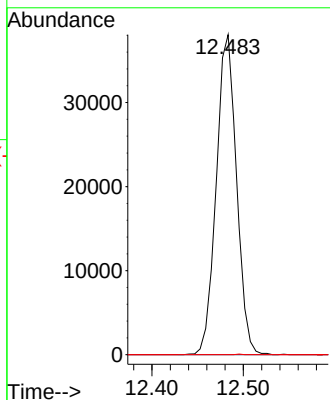
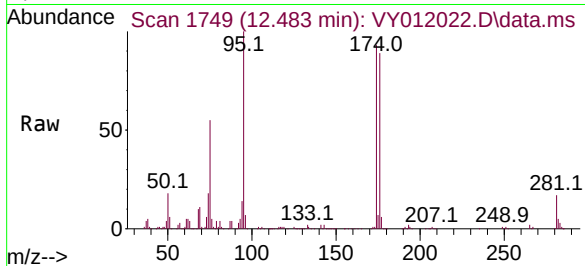




#81
trans-1,4-Dichloro-2-butene
Concen: 108.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBL01

Tgt Ion: 75 Resp: 58668
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.991 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012022.D
Acq: 29 Dec 2022 12:54

Tgt Ion:128 Resp: 984
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

