

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008154.D
 Acq On : 01 Apr 2022 12:33
 Operator : SY/MD
 Sample : N2199-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-VNJ-209

Quant Time: Apr 02 03:55:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

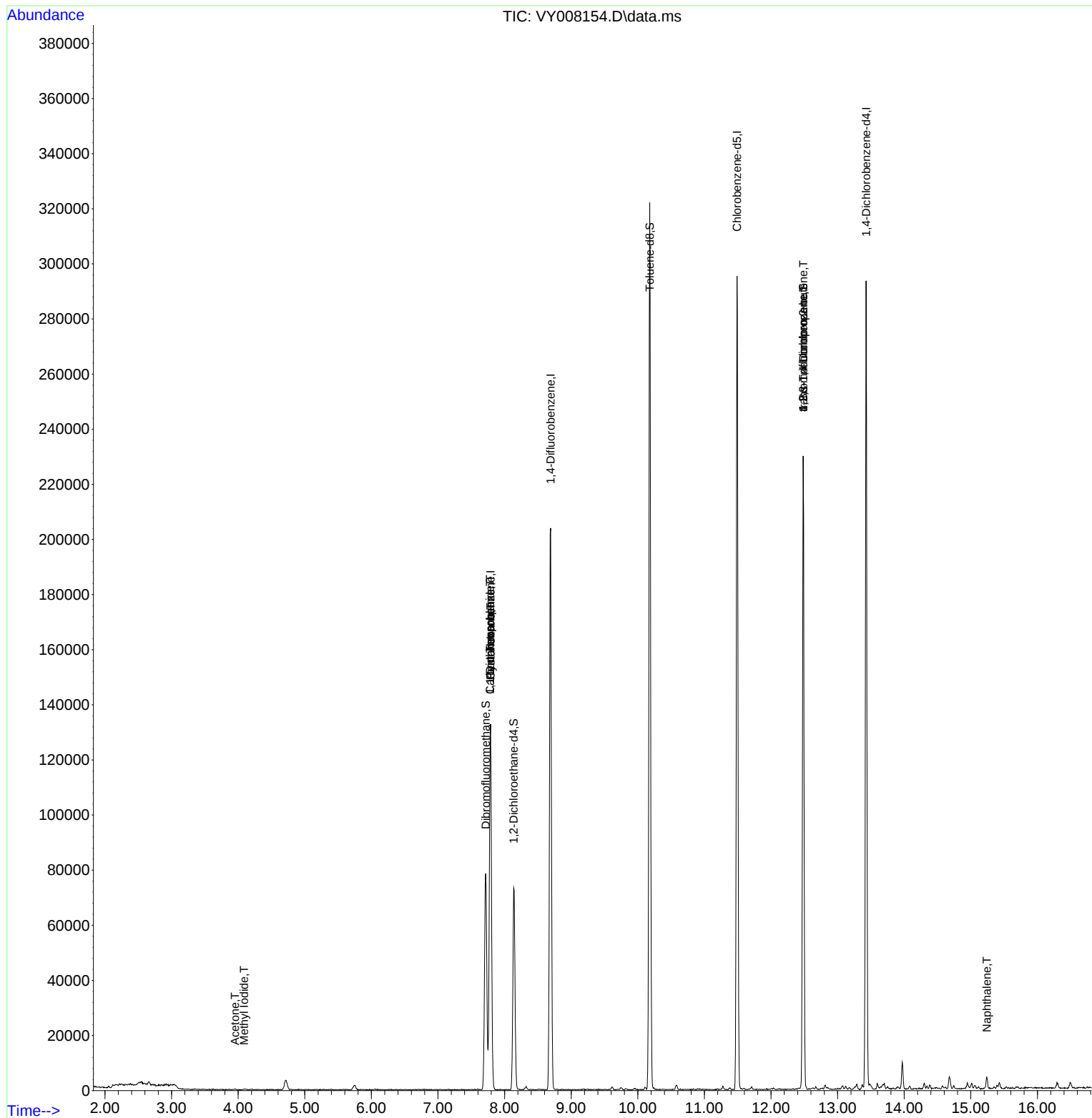
Internal Standards						
1) Pentafluorobenzene	7.789	168	105326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56371	53.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.716	113	57076	49.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.140%	
50) Toluene-d8	10.179	98	218766	50.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.483	95	73352	47.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.840%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	213	1.843	ug/l #	46
16) Acetone	3.954	43	411	1.702	ug/l #	47
18) Methyl Acetate	4.479	43	207	Below Cal	#	56
20) Methylene Chloride	4.710	84	2779	Below Cal	#	67
31) Cyclohexane	7.789	56	2053	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8121	4.490	ug/l #	50
38) Carbon Tetrachloride	7.783	117	10557	5.356	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	37258	41.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37258	93.565	ug/l #	7
95) Naphthalene	15.239	128	3753	1.177	ug/l	97

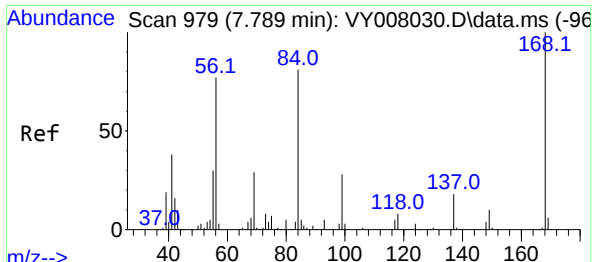
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RO-VNJ-209

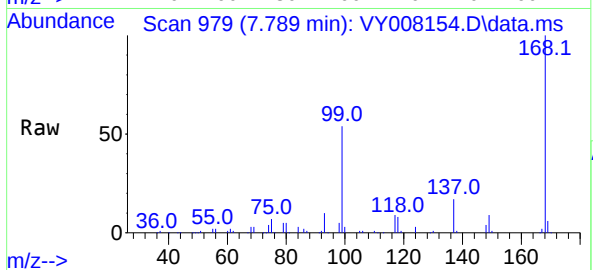
Quant Time: Apr 02 03:55:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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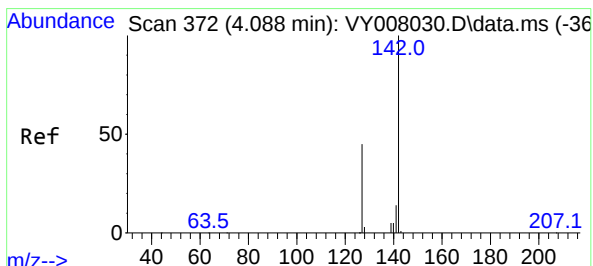
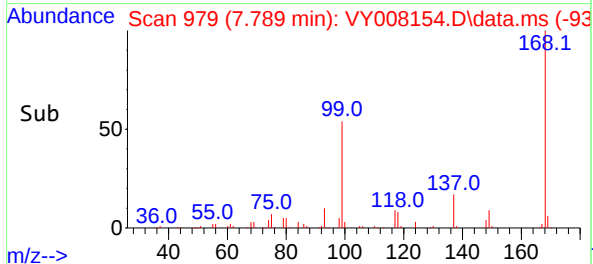
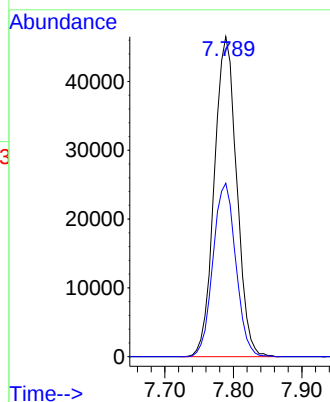


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

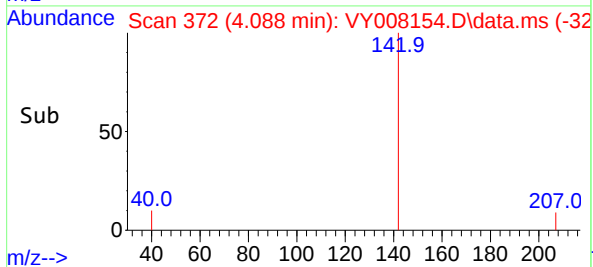
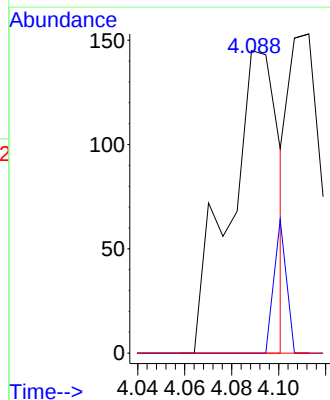
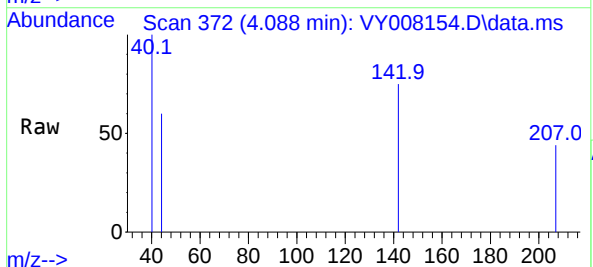


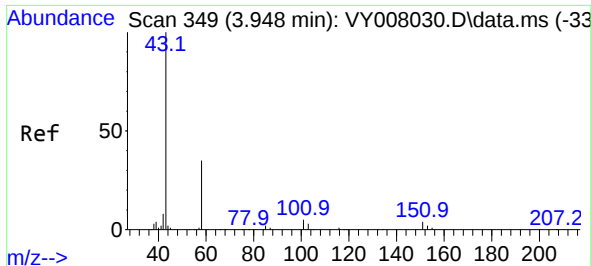
Tgt Ion:168 Resp: 105326
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.843 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion:142 Resp: 213
Ion Ratio Lower Upper
142 100
127 10.8 41.5 62.3#
141 0.0 11.9 17.9#

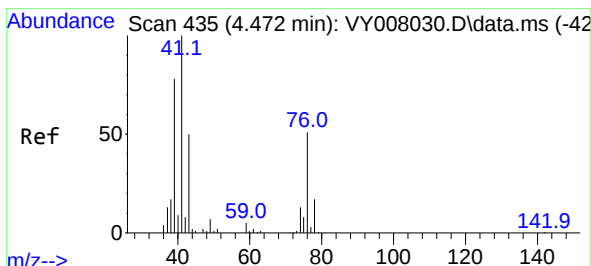
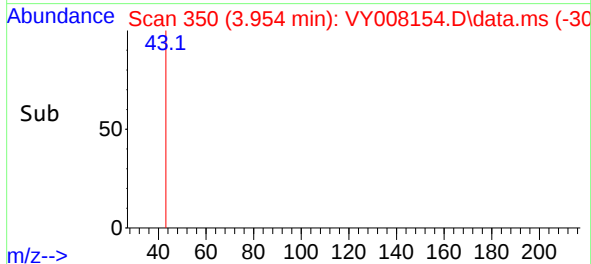
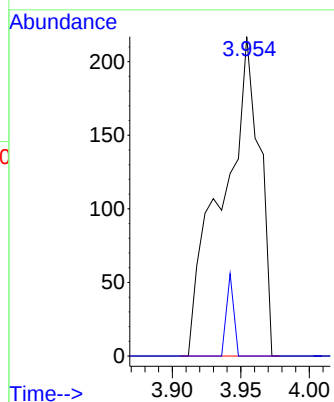
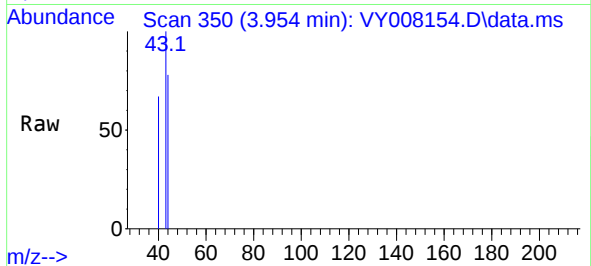




#16
Acetone
Concen: 1.702 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

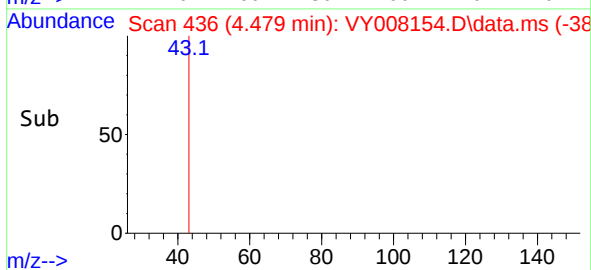
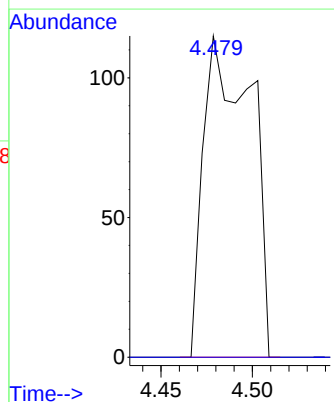
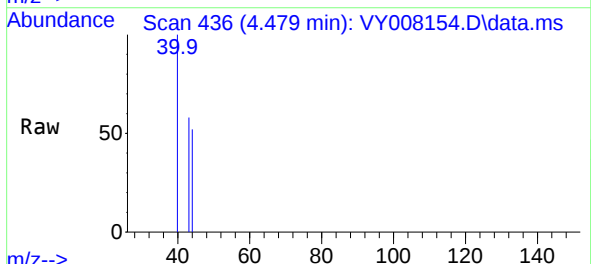
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

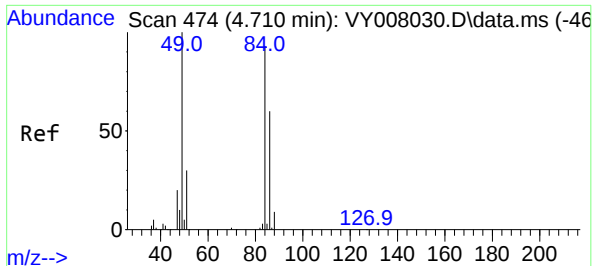
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



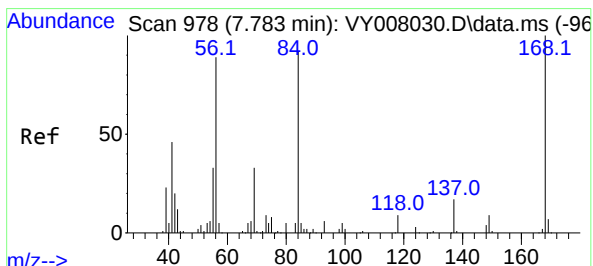
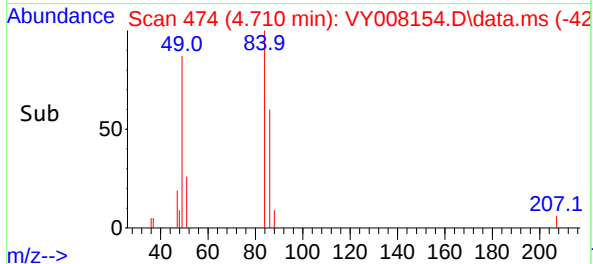
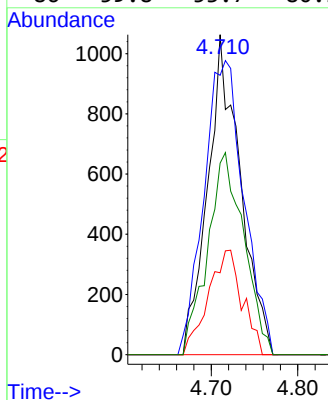
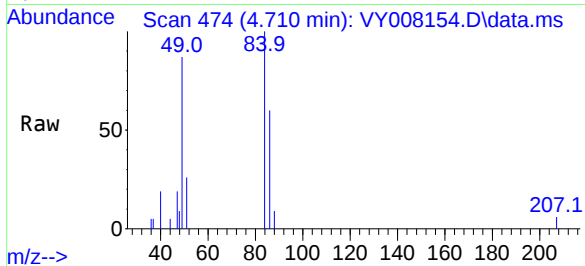


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

Tgt Ion: 84 Resp: 2779

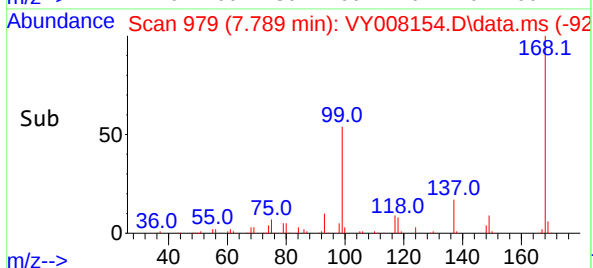
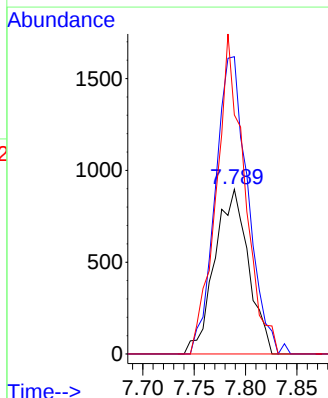
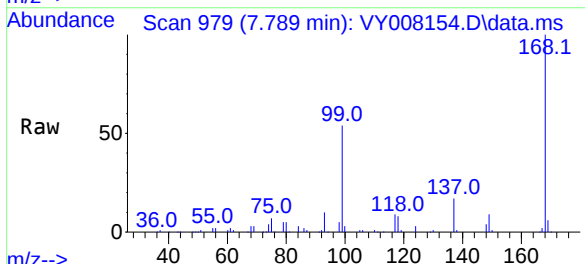
Ion	Ratio	Lower	Upper
84	100		
49	87.3	114.4	171.6#
51	25.6	35.3	52.9#
86	59.8	53.7	80.5

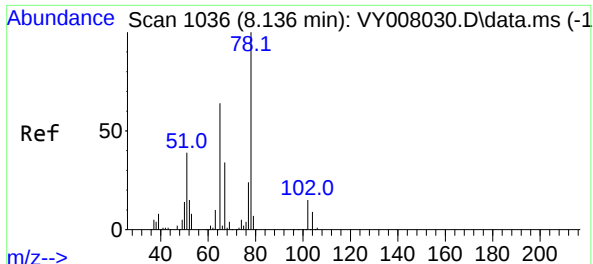


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion: 56 Resp: 2053

Ion	Ratio	Lower	Upper
56	100		
69	180.5	26.7	40.1#
84	145.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.344 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008154.D

Acq: 01 Apr 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

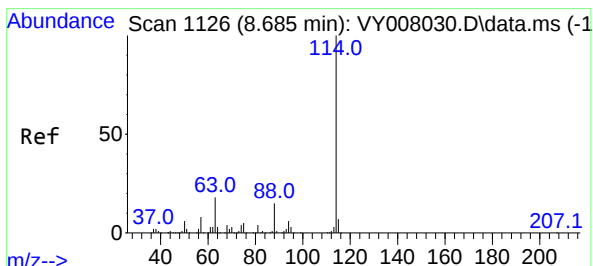
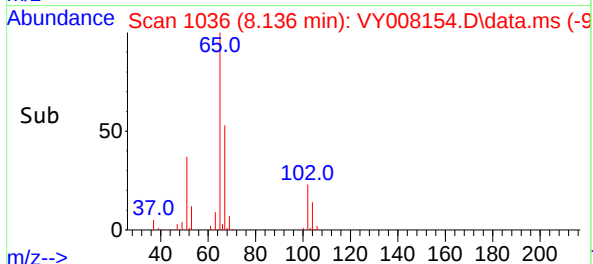
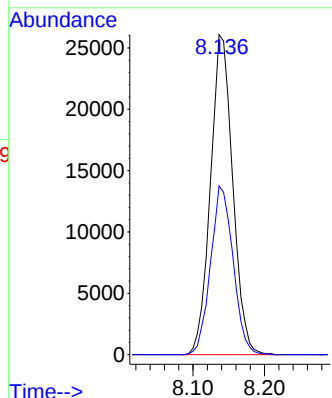
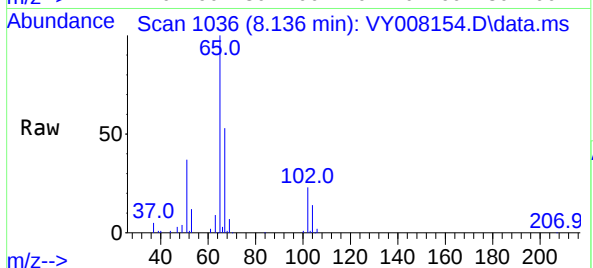
RO-VNJ-209

Tgt Ion: 65 Resp: 56371

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008154.D

Acq: 01 Apr 2022 12:33

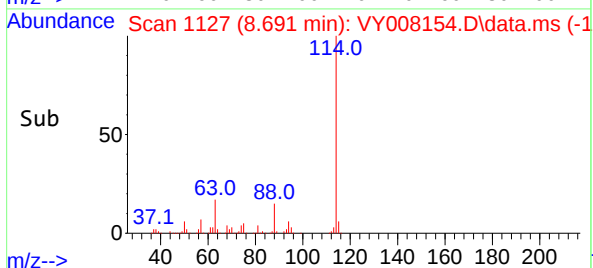
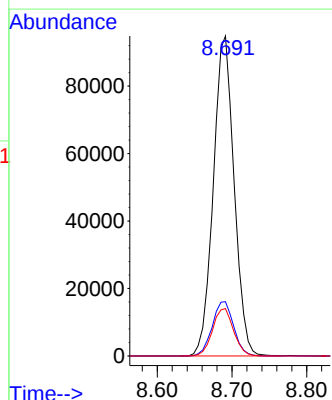
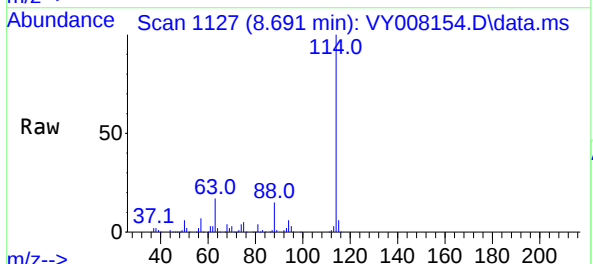
Tgt Ion: 114 Resp: 183665

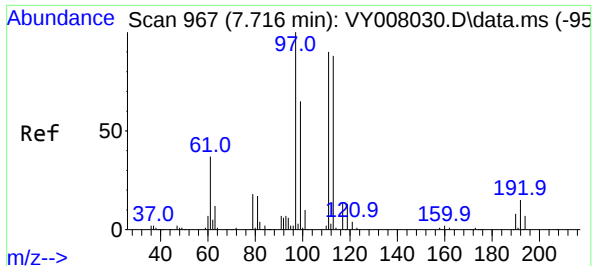
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.8 0.0 31.8

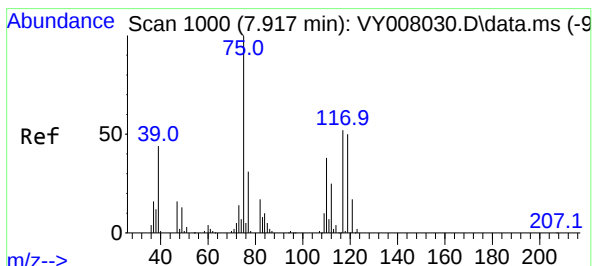
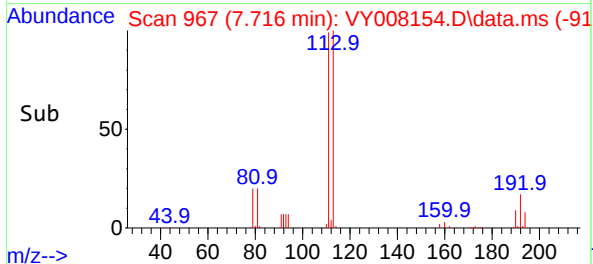
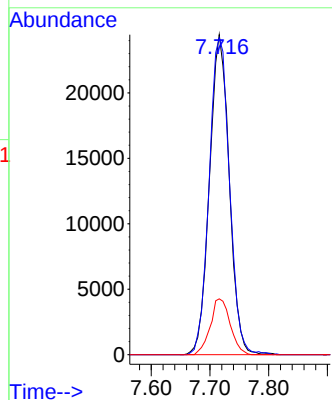
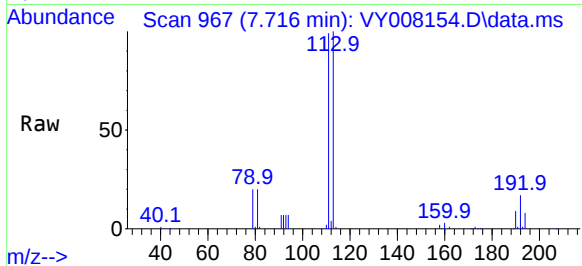




#35
Dibromofluoromethane
Concen: 49.565 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

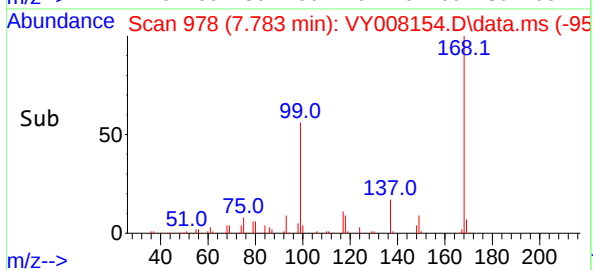
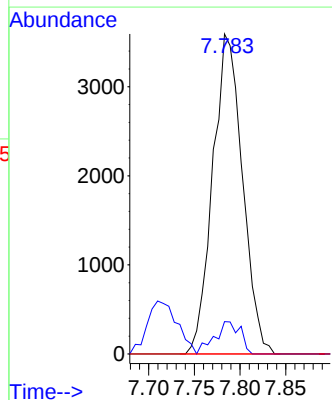
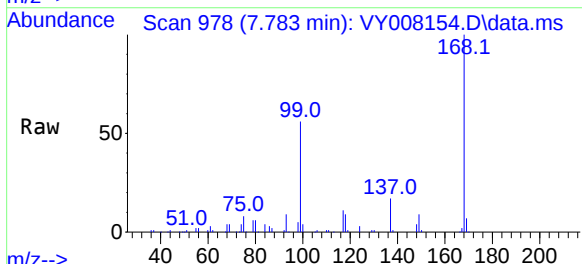
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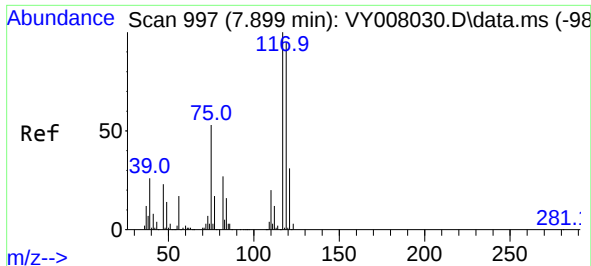
Tgt Ion:	113	Resp:	57076
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	17.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion:	75	Resp:	8121
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.4	36.6#

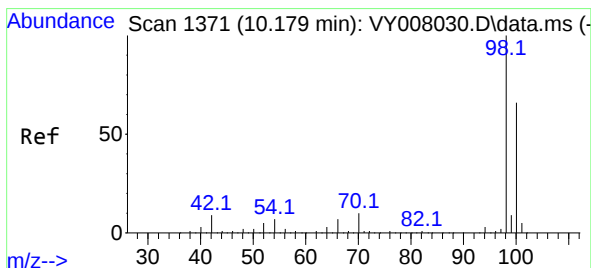
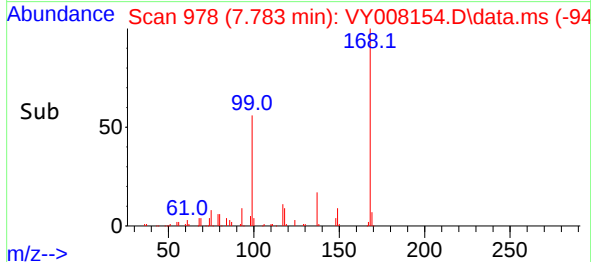
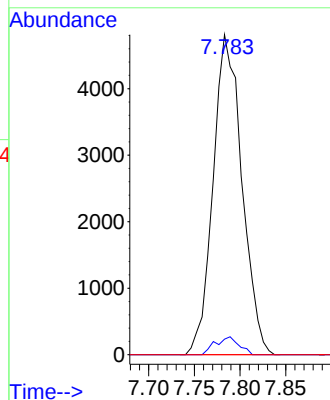
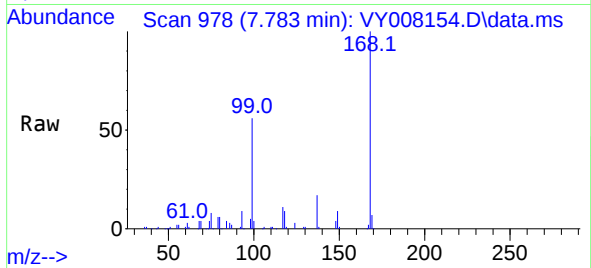




#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

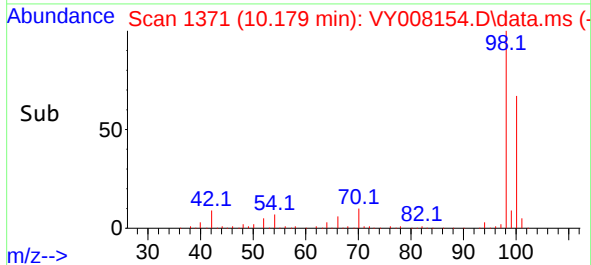
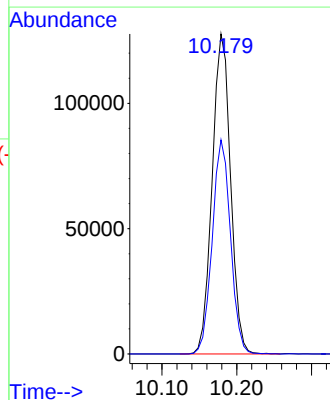
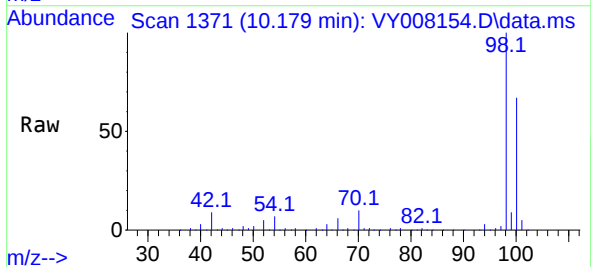
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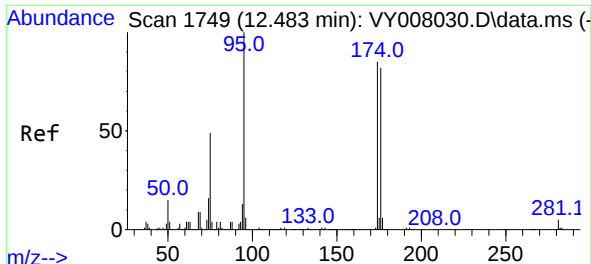
Tgt Ion:117 Resp: 10557
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.425 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion: 98 Resp: 218766
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2

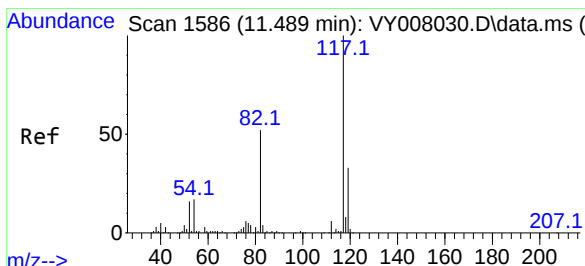
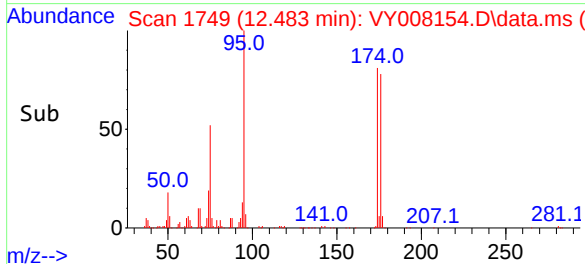
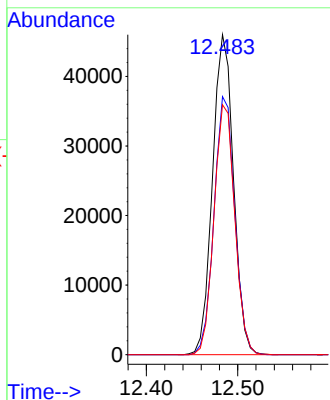
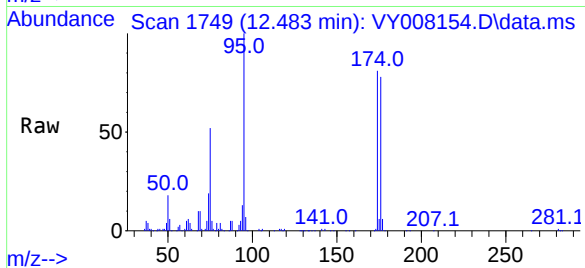




#62
4-Bromofluorobenzene
Concen: 47.924 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

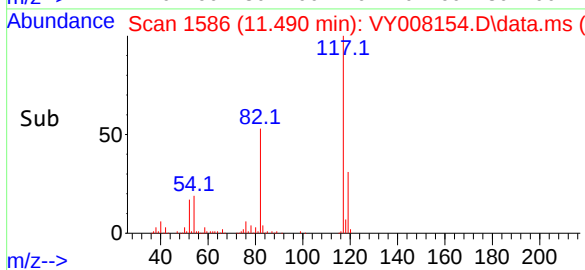
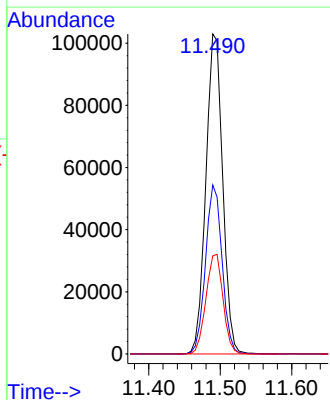
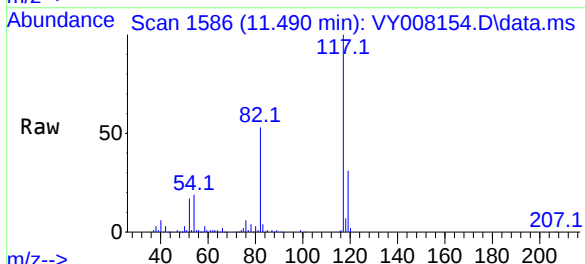
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

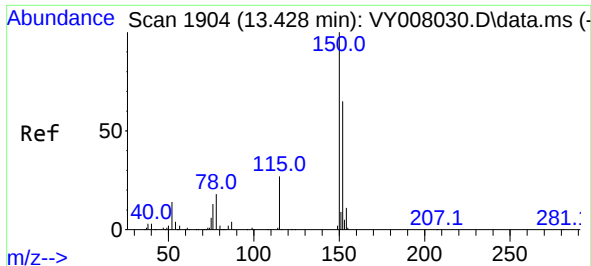
Tgt Ion: 95 Resp: 73352
Ion Ratio Lower Upper
95 100
174 79.7 0.0 177.0
176 77.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion: 117 Resp: 168117
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 30.7 25.4 38.0

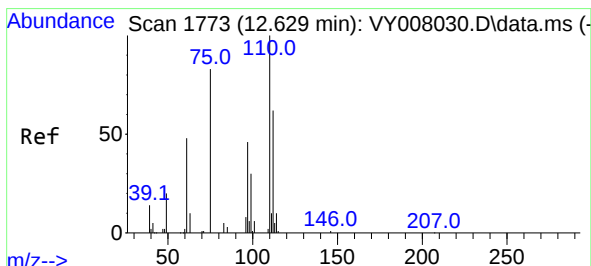
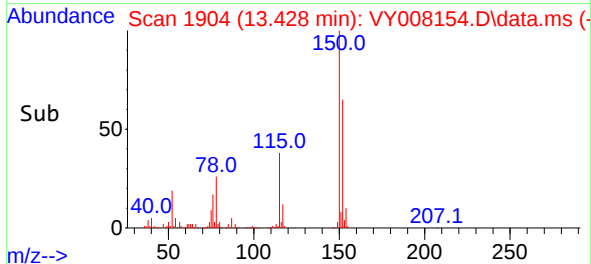
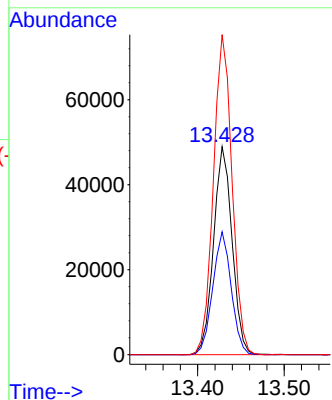
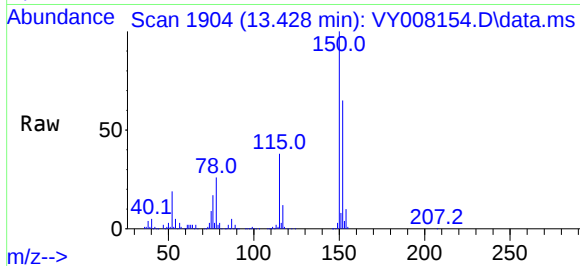




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008154.D
 Acq: 01 Apr 2022 12:33

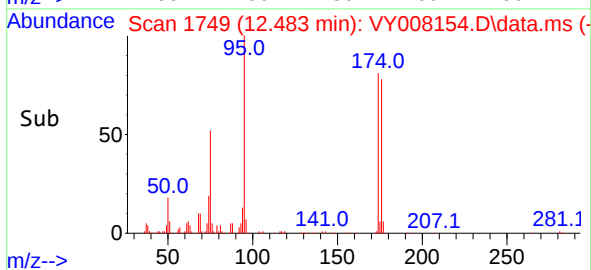
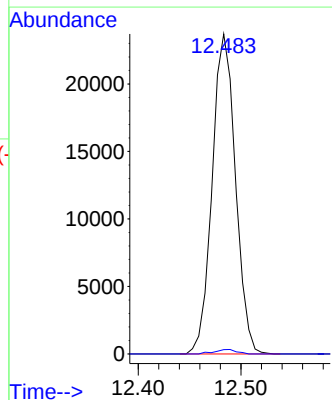
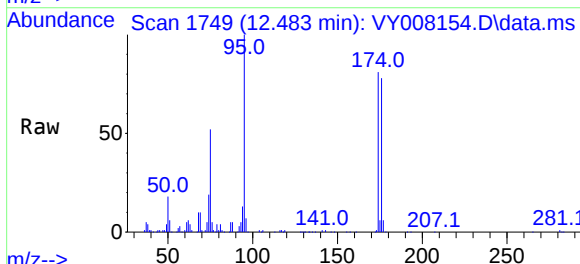
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-VNJ-209

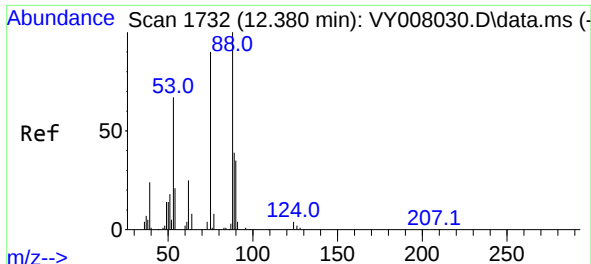
Tgt Ion:152 Resp: 72884
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 154.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.935 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008154.D
 Acq: 01 Apr 2022 12:33

Tgt Ion: 75 Resp: 37258
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

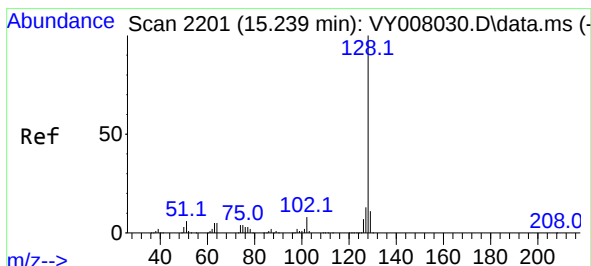
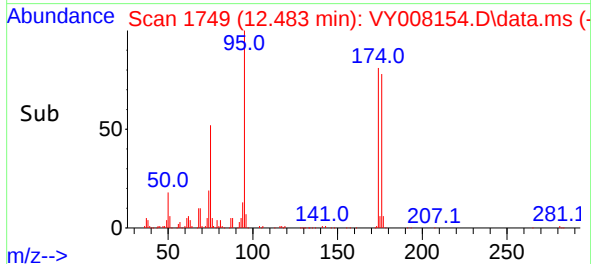
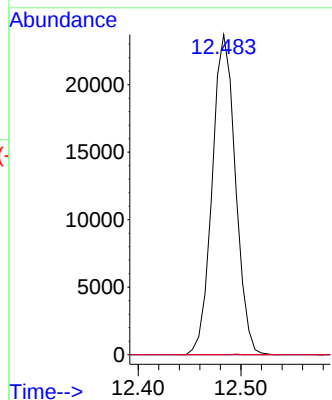
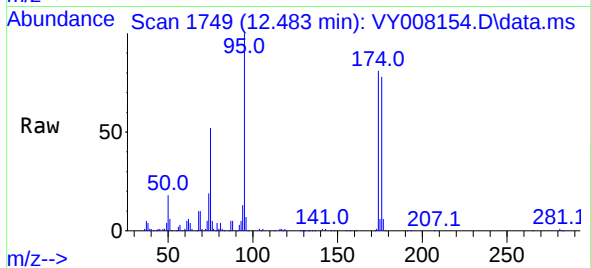




#81
trans-1,4-Dichloro-2-butene
Concen: 93.565 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

Tgt Ion: 75 Resp: 37258
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 1.177 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008154.D
Acq: 01 Apr 2022 12:33

Tgt Ion:128 Resp: 3753
Ion Ratio Lower Upper
128 100
127 11.9 11.0 16.4
129 10.0 8.4 12.6

