

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008147.D
 Acq On : 31 Mar 2022 18:39
 Operator : SY/MD
 Sample : N2198-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-VNJ-202

Quant Time: Apr 01 04:35:36 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)

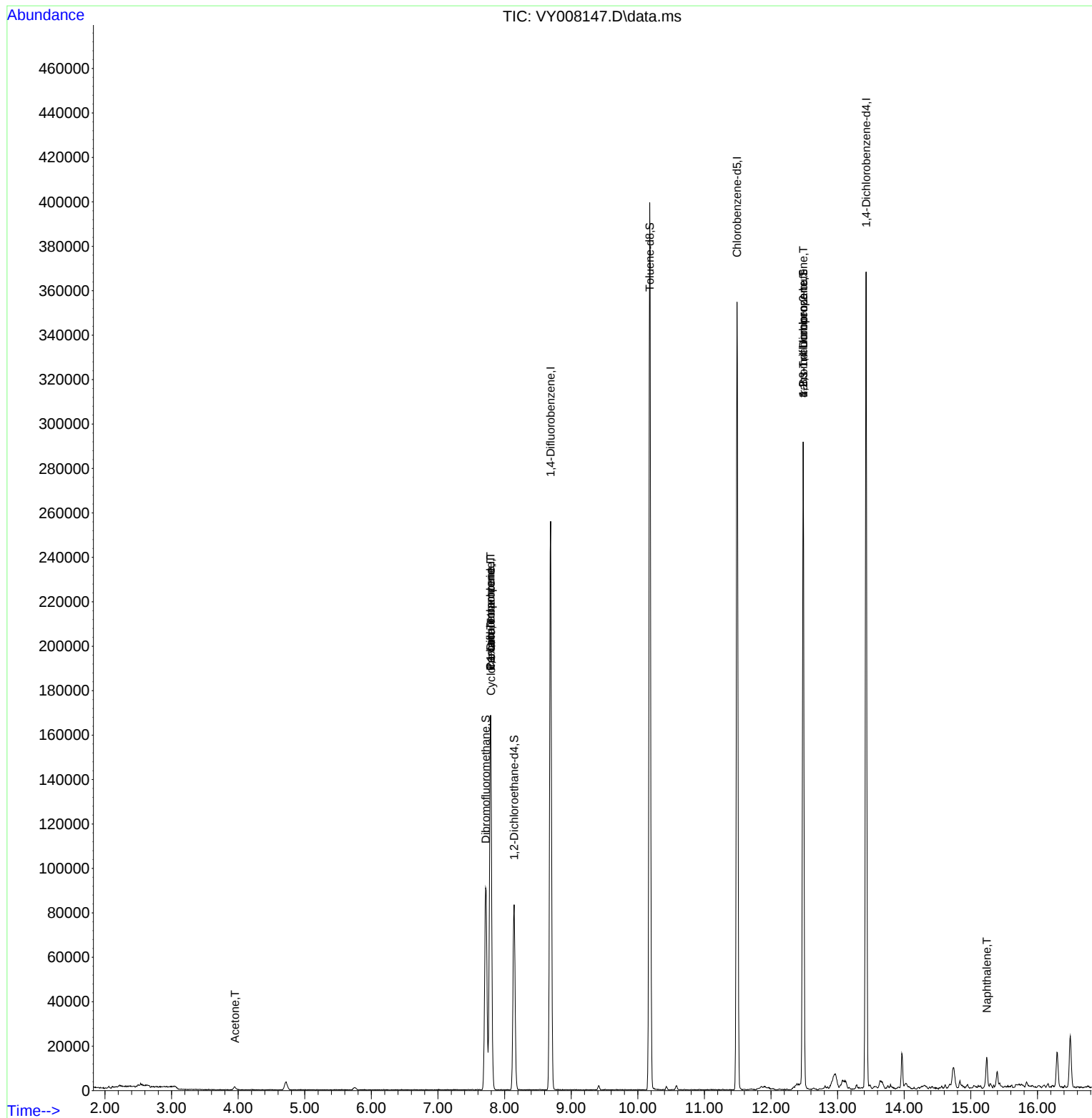
Internal Standards						
1) Pentafluorobenzene	7.789	168	132444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64741	48.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.716	113	67932	47.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.179	98	271824	50.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.483	95	90331	47.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.660%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2364	7.783	ug/l	94
18) Methyl Acetate	4.491	43	131	Below Cal	#	56
20) Methylene Chloride	4.716	84	2870	Below Cal	#	76
31) Cyclohexane	7.795	56	2521	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10235	4.538	ug/l #	45
38) Carbon Tetrachloride	7.789	117	13341	5.428	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45841	41.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45841	92.365	ug/l #	7
95) Naphthalene	15.239	128	11983	3.015	ug/l	98

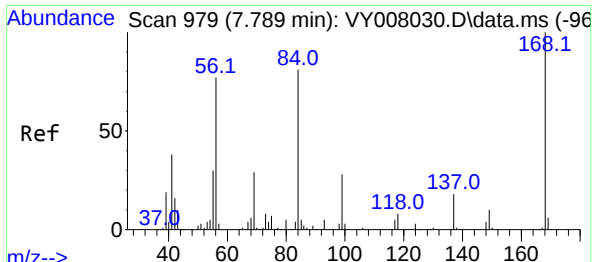
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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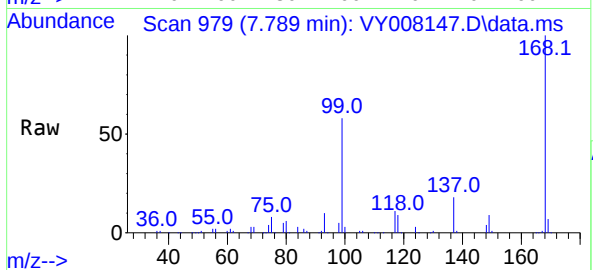
Quant Time: Apr 01 04:35:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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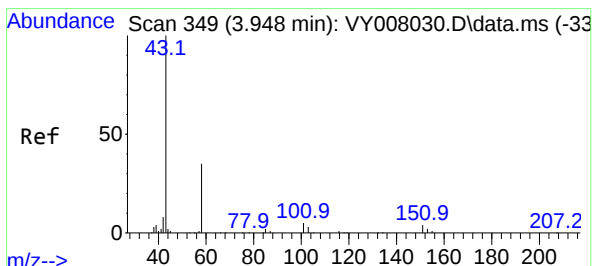
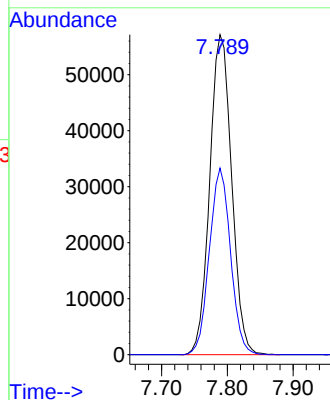
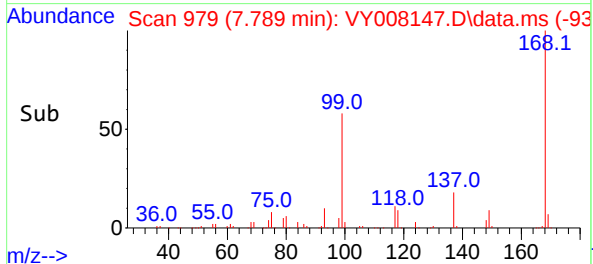


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-202

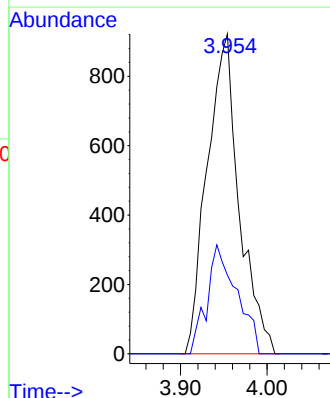
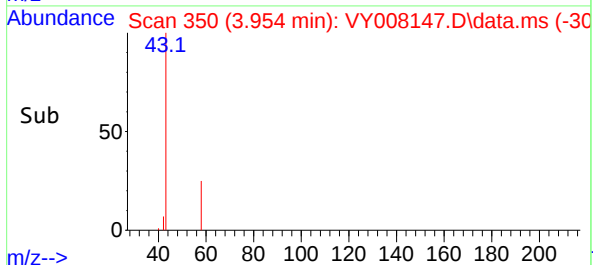
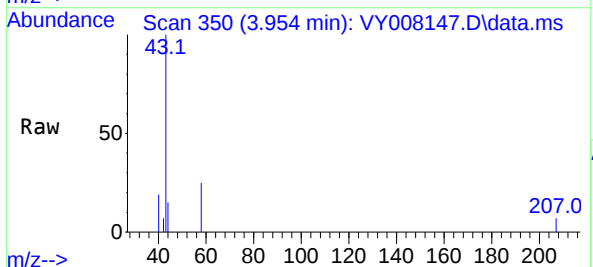


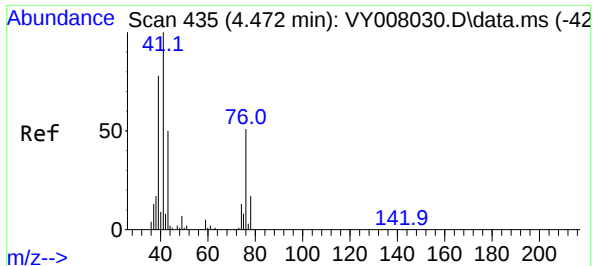
Tgt Ion:168 Resp: 132444
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#16
Acetone
Concen: 7.783 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
58 24.6 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 41

Delta R.T. 0.019 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

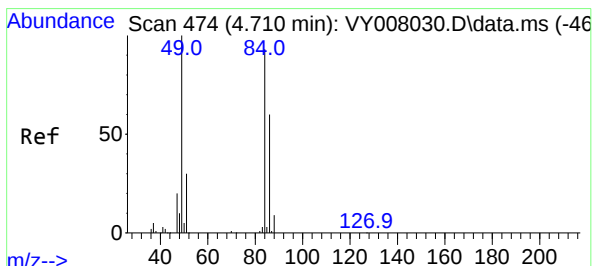
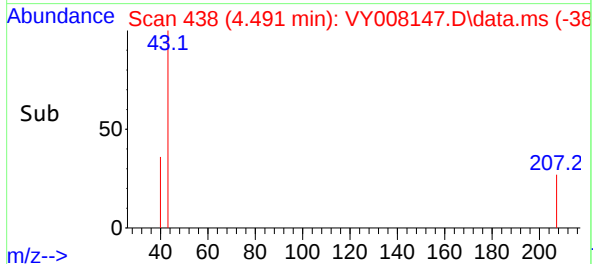
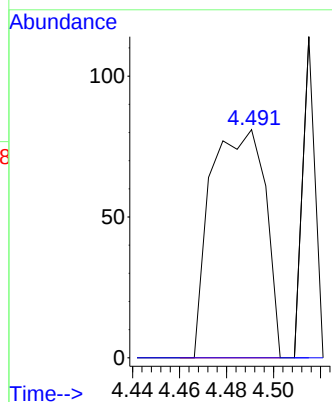
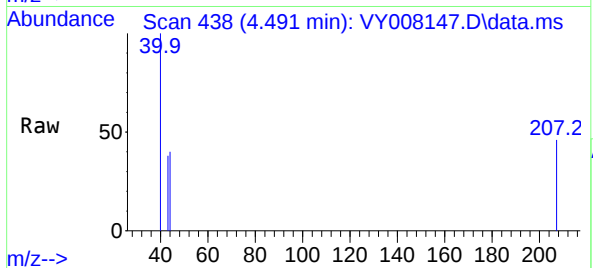
RO-VNJ-202

Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

Tgt Ion: 84 Resp: 2870

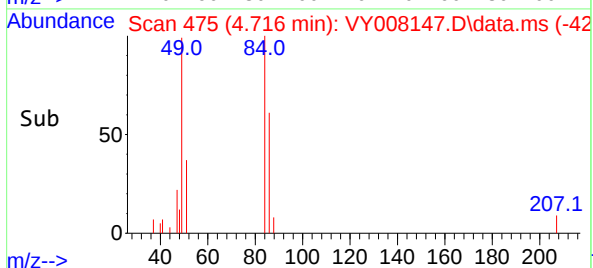
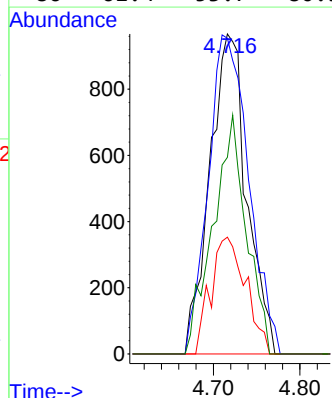
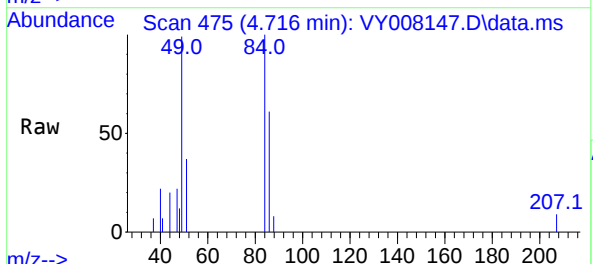
Ion Ratio Lower Upper

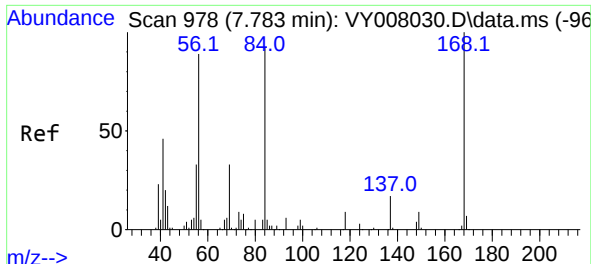
84 100

49 98.7 114.4 171.6#

51 36.5 35.3 52.9

86 61.4 53.7 80.5

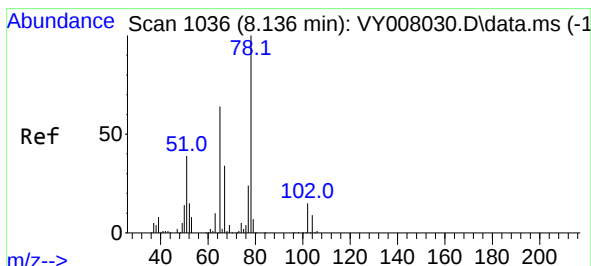
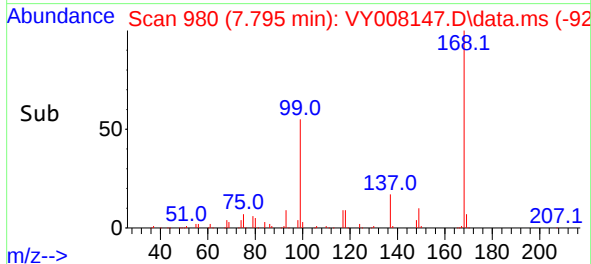
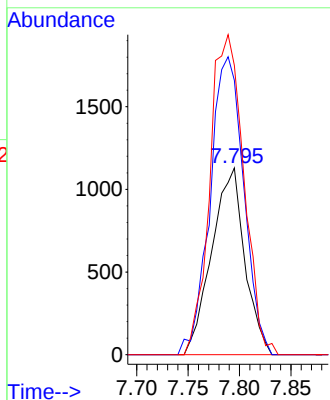
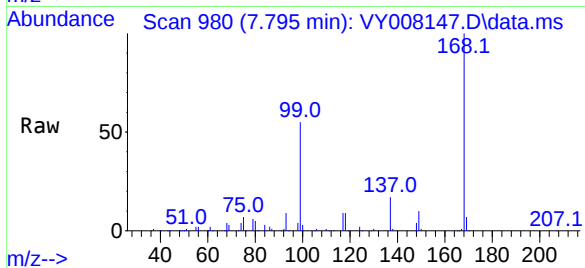




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

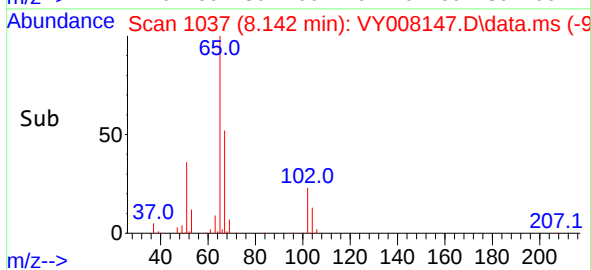
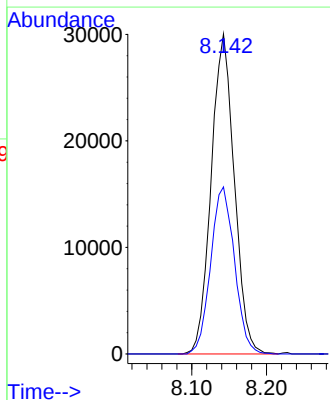
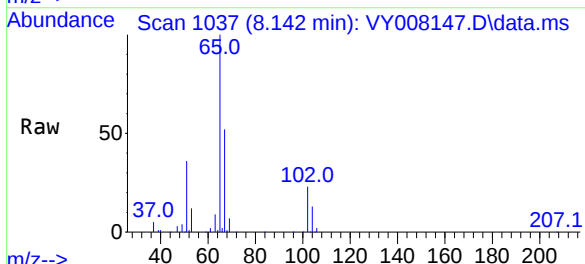
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-202

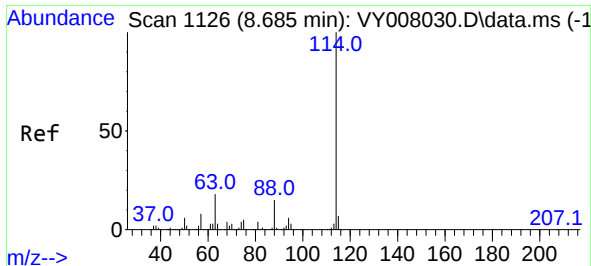
Tgt Ion: 56 Resp: 2521
Ion Ratio Lower Upper
56 100
69 146.9 26.7 40.1#
84 154.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.721 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Tgt Ion: 65 Resp: 64741
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# 1126

Delta R.T. 0.006 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

RO-VNJ-202

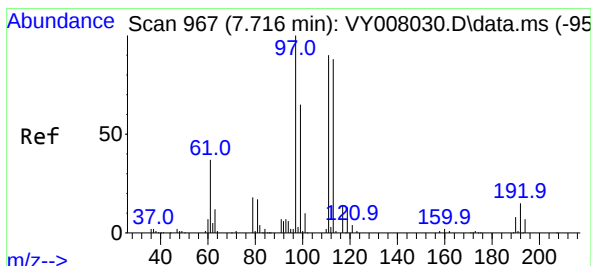
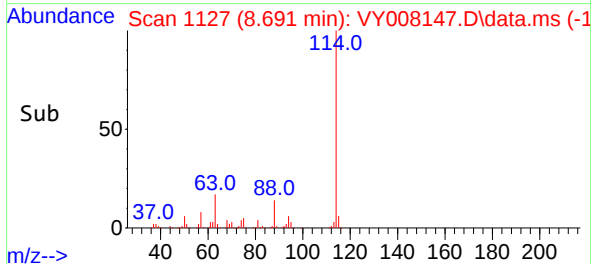
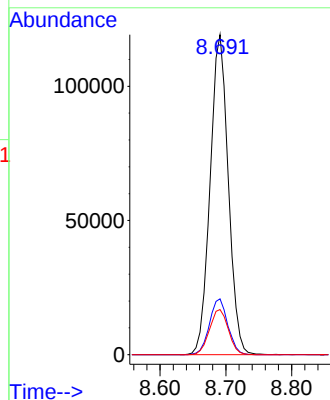
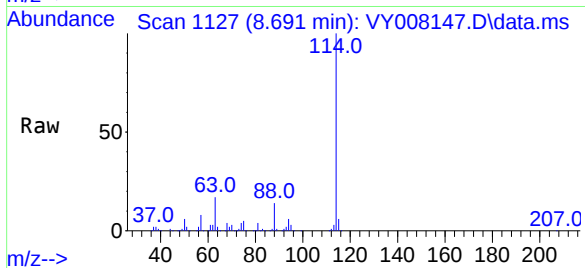
Tgt Ion:114 Resp: 229017

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.311 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

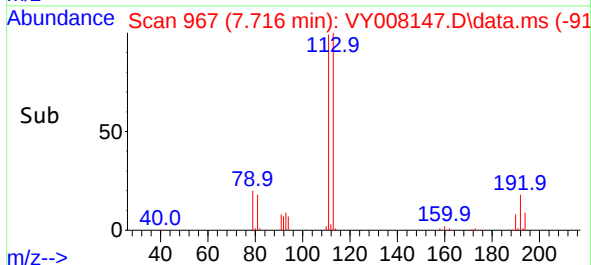
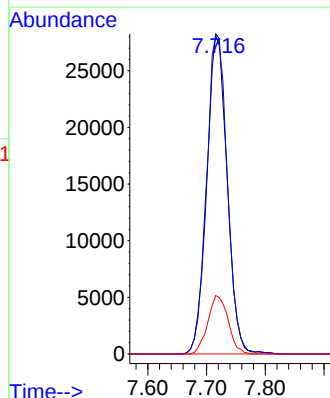
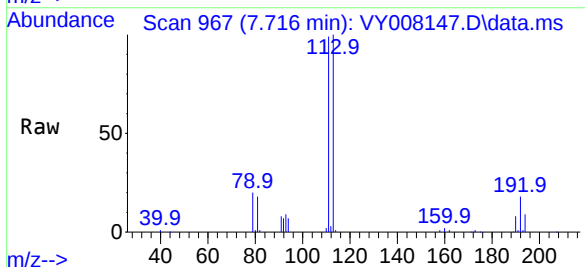
Tgt Ion:113 Resp: 67932

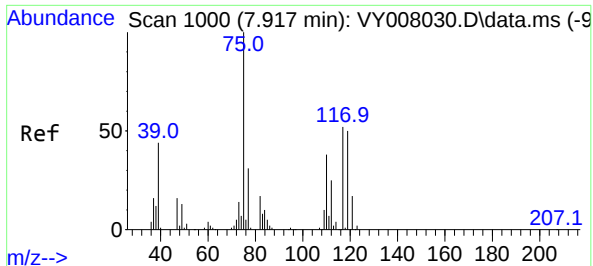
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.538 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

RO-VNJ-202

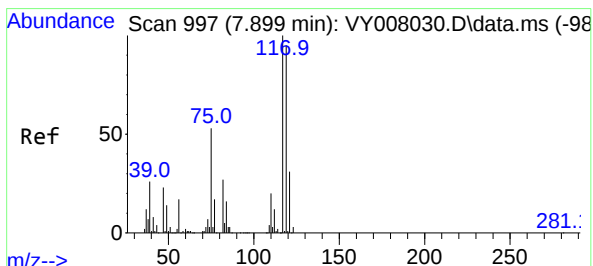
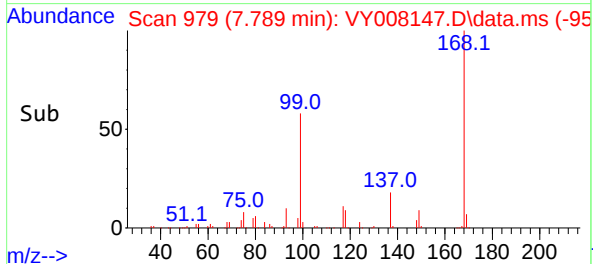
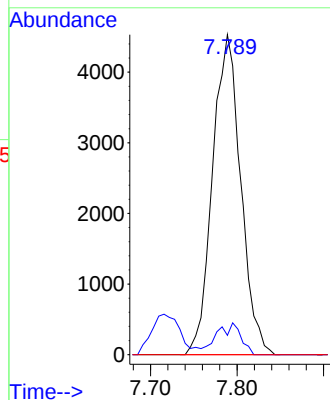
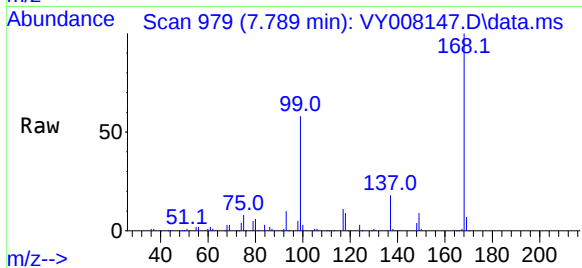
Tgt Ion: 75 Resp: 10235

Ion Ratio Lower Upper

75 100

110 3.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.428 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008147.D

Acq: 31 Mar 2022 18:39

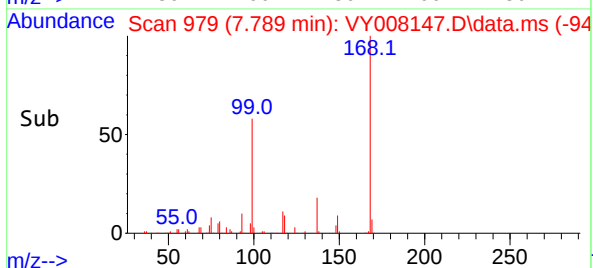
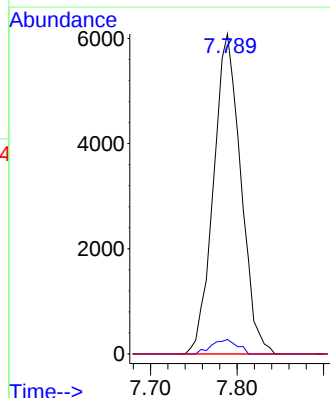
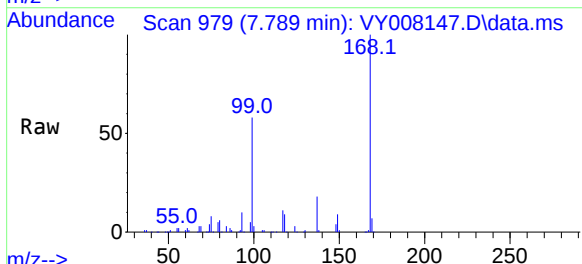
Tgt Ion: 117 Resp: 13341

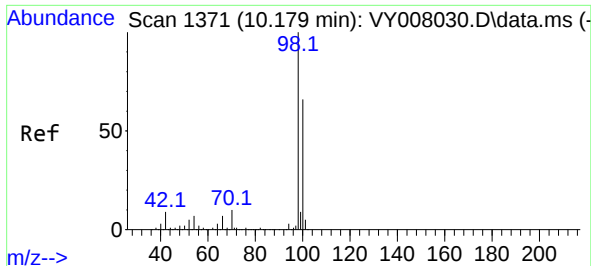
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

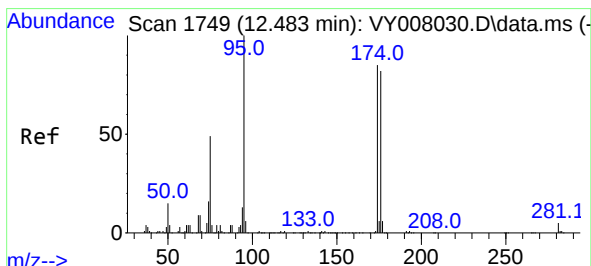
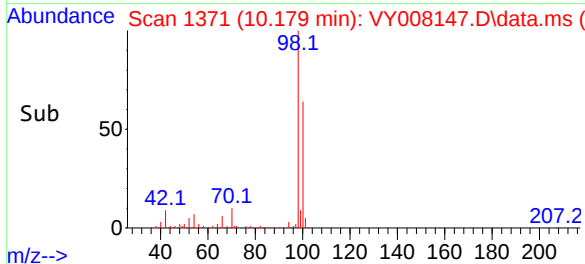
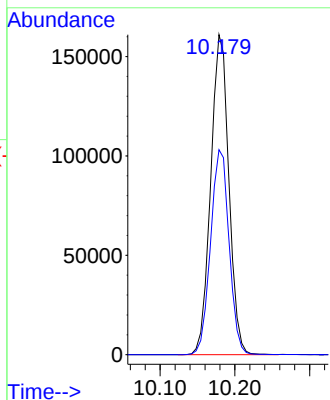
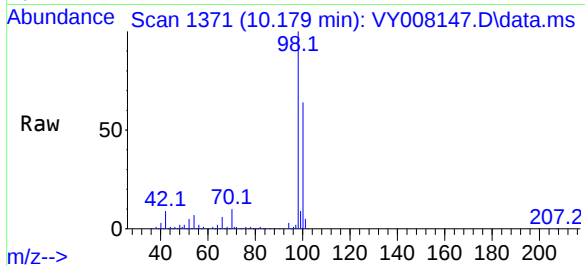




#50
Toluene-d8
Concen: 50.248 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

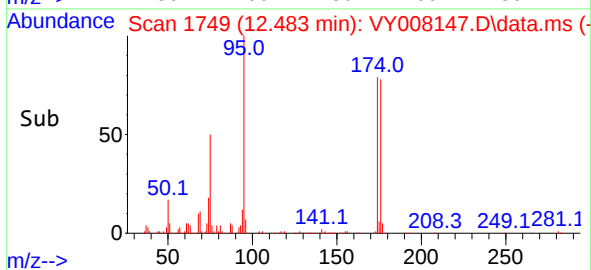
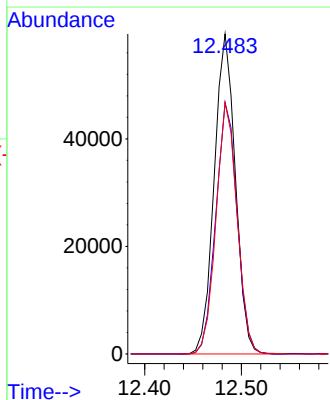
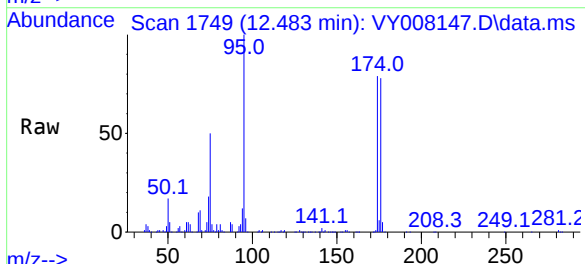
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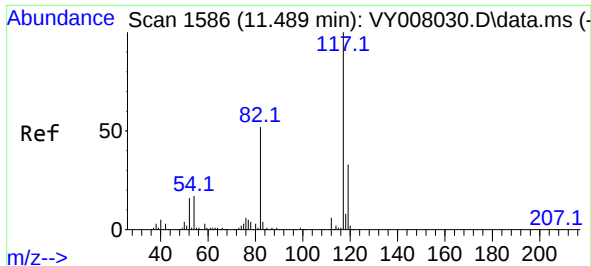
Tgt Ion: 98 Resp: 271824
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Tgt Ion: 95 Resp: 90331
Ion Ratio Lower Upper
95 100
174 79.2 0.0 177.0
176 78.0 0.0 175.8

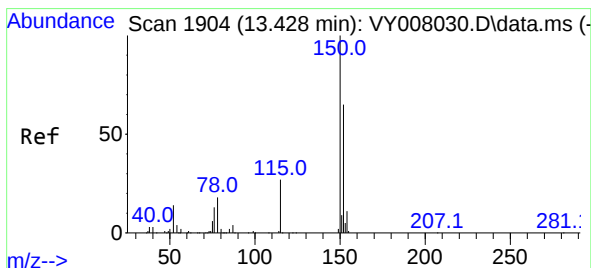
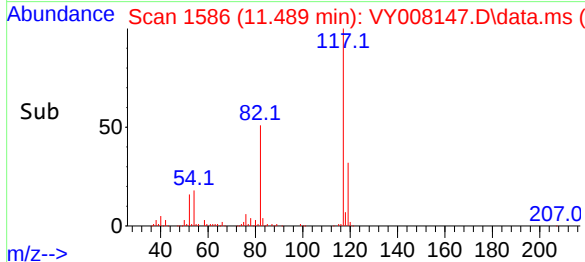
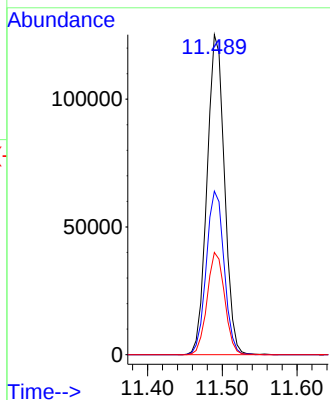
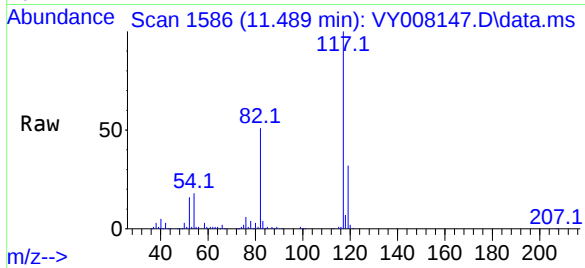




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

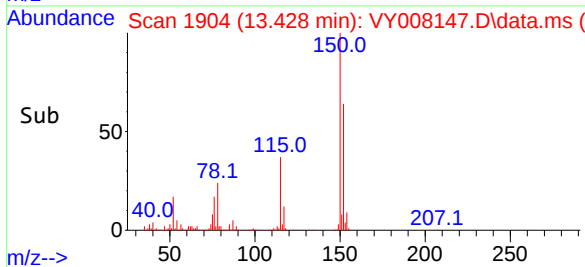
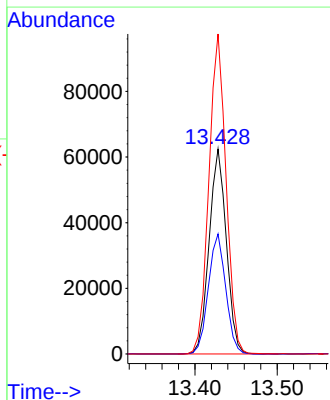
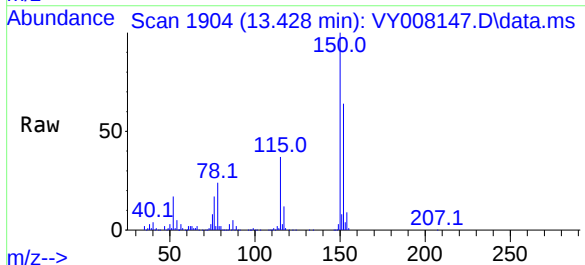
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-202

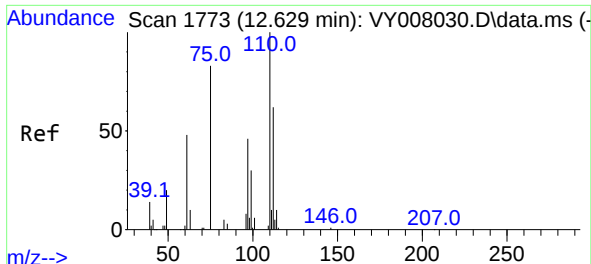
Tgt Ion:117 Resp: 203247
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Tgt Ion:152 Resp: 90839
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 155.5 0.0 347.6

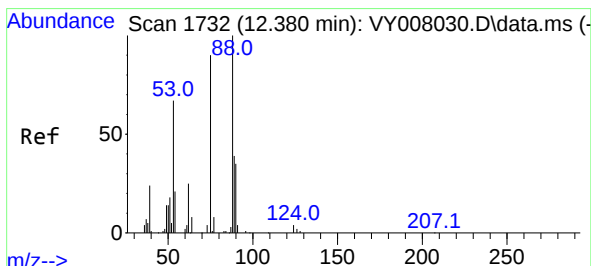
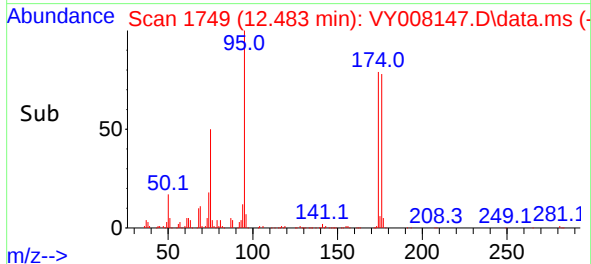
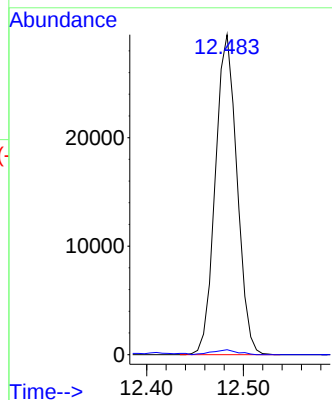
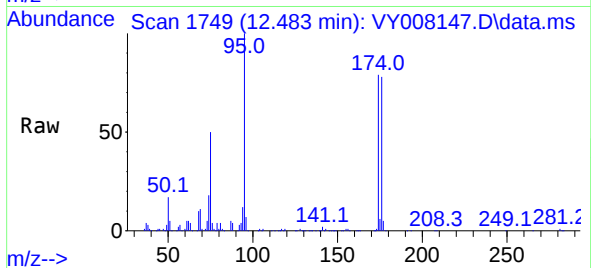




#76
1,2,3-Trichloropropane
Concen: 41.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

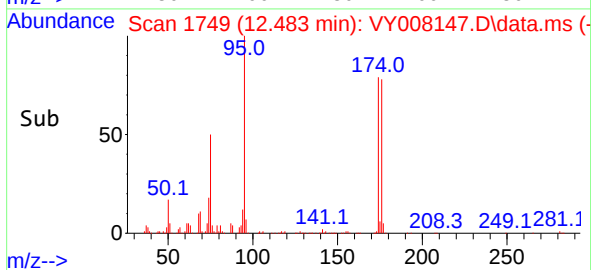
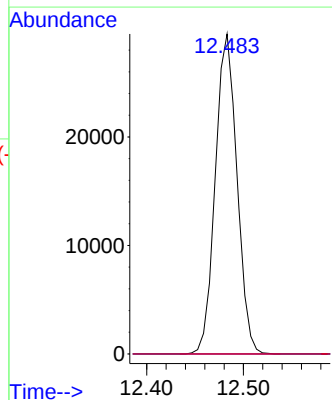
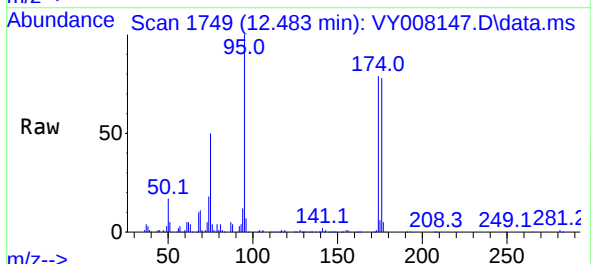
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-202

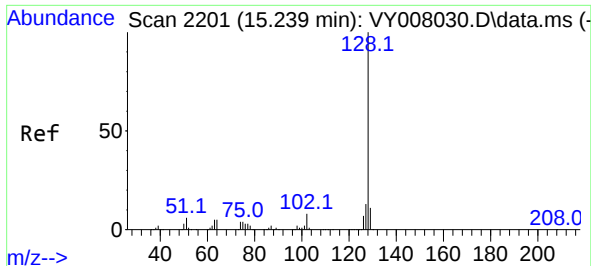
Tgt Ion: 75 Resp: 45841
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

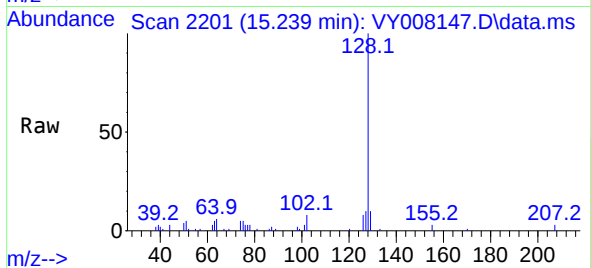
Tgt Ion: 75 Resp: 45841
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.015 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008147.D
Acq: 31 Mar 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-202



Tgt Ion:128 Resp: 11983
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.0 8.4 12.6

