

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008139.D
 Acq On : 31 Mar 2022 15:09
 Operator : SY/MD
 Sample : N2199-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-ETGI-371

Quant Time: Apr 01 04:33:34 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)

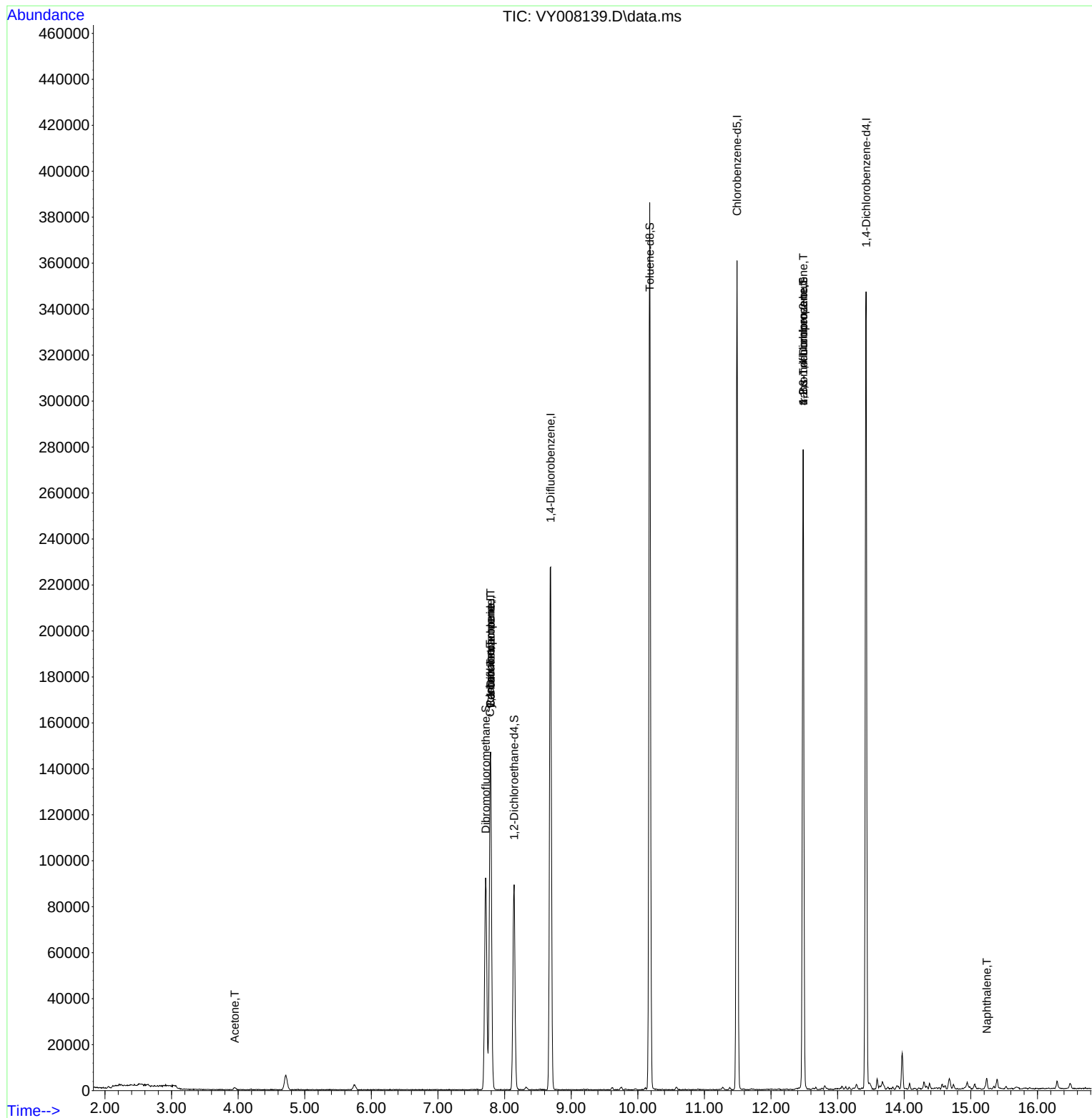
Internal Standards						
1) Pentafluorobenzene	7.789	168	117239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67733	57.583	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 115.160%	
35) Dibromofluoromethane	7.716	113	65567	49.571	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 99.140%	
50) Toluene-d8	10.179	98	255319	51.235	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.483	95	87457	49.745	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 99.480%	
Target Compounds						
16) Acetone	3.948	43	1480	5.505	ug/l #	66
18) Methyl Acetate	4.491	43	139	Below Cal	#	56
20) Methylene Chloride	4.710	84	4947	Below Cal	#	77
31) Cyclohexane	7.783	56	2371	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8985	4.324	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11730	5.181	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45675	41.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45675	93.497	ug/l #	7
95) Naphthalene	15.239	128	4169	1.066	ug/l	96

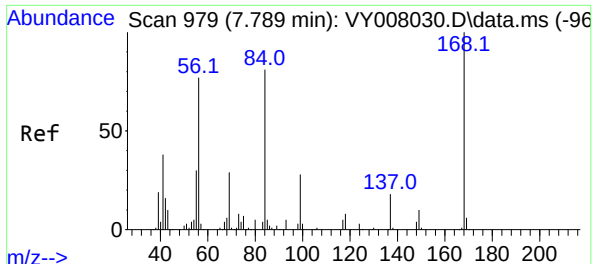
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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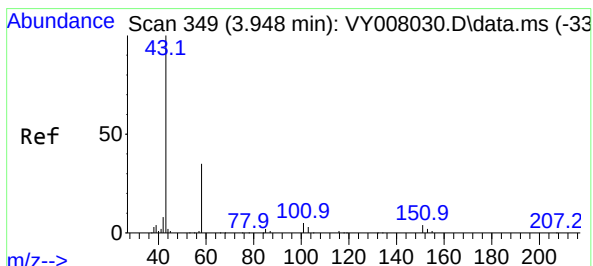
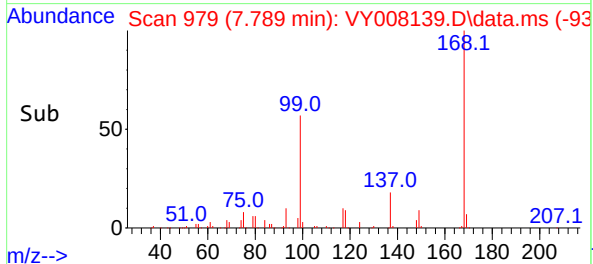
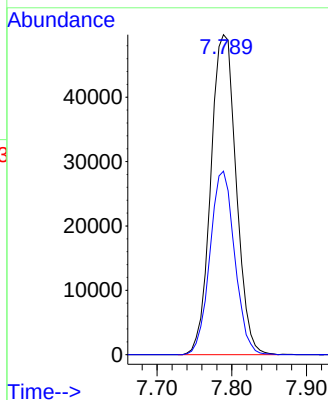
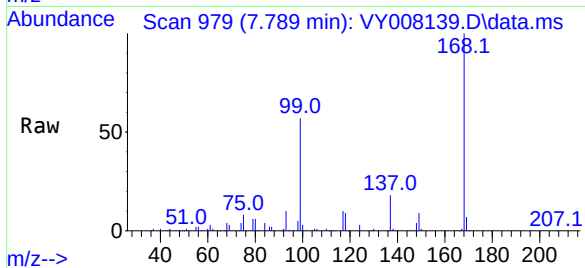




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

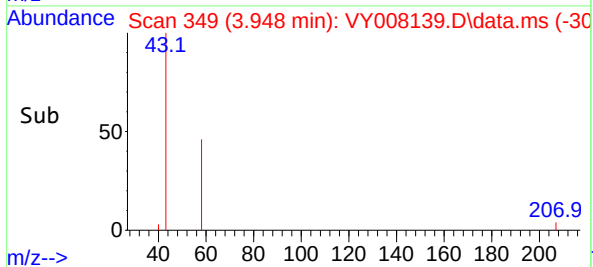
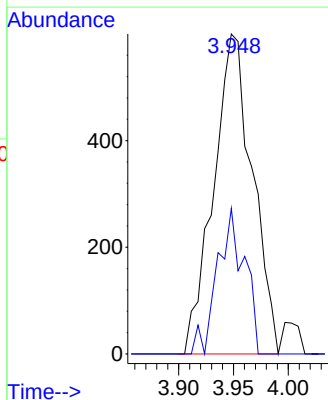
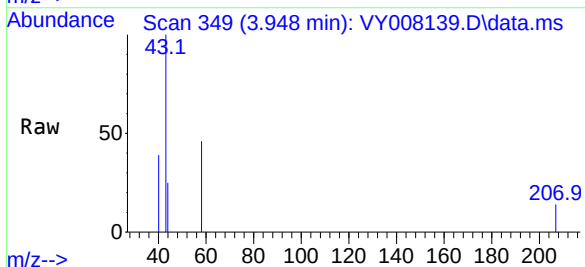
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

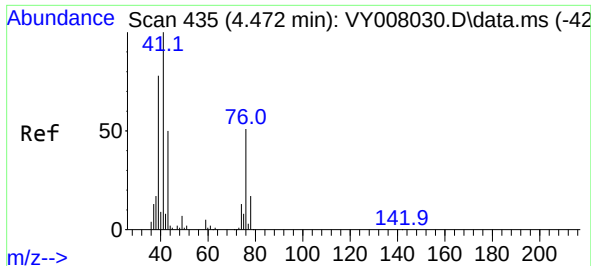
Tgt Ion:168 Resp: 117239
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#16
Acetone
Concen: 5.505 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 45.5 22.0 33.0#

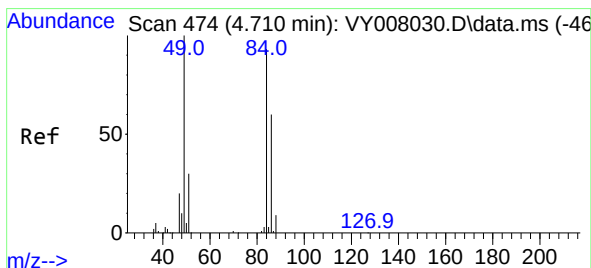
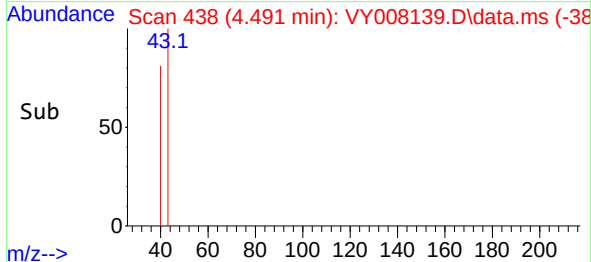
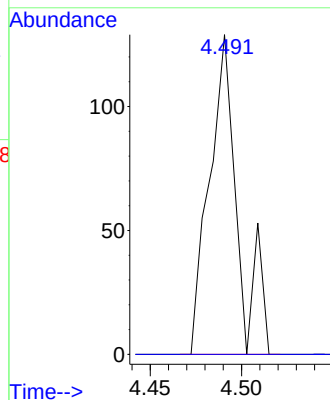
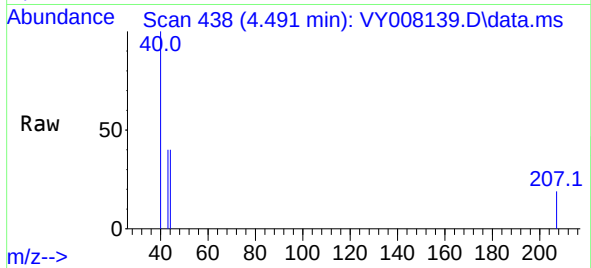




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

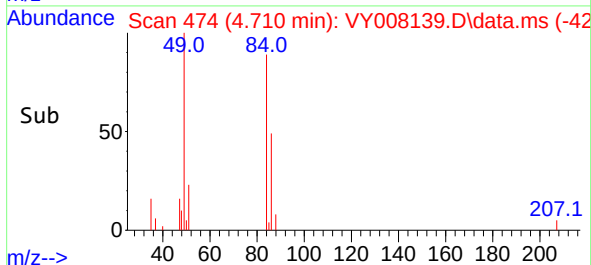
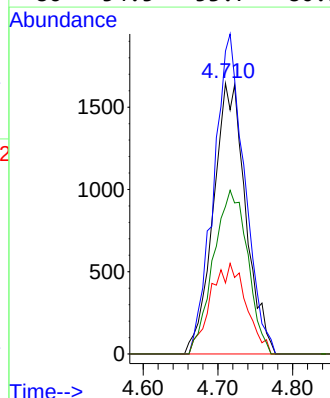
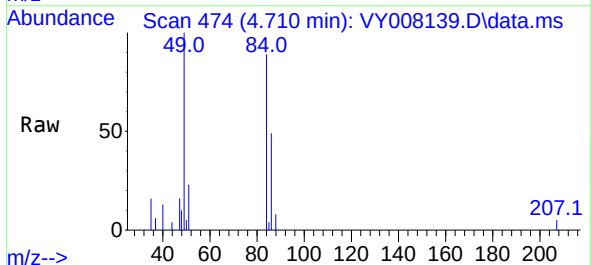
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

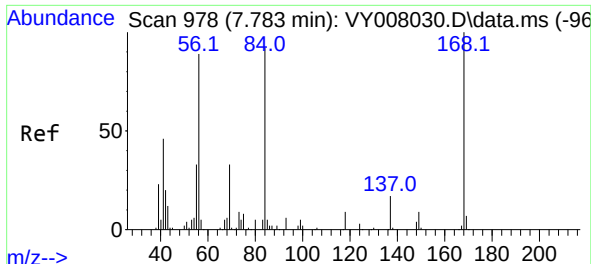
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion: 84 Resp: 4947
Ion Ratio Lower Upper
84 100
49 111.9 114.4 171.6#
51 26.3 35.3 52.9#
86 54.5 53.7 80.5

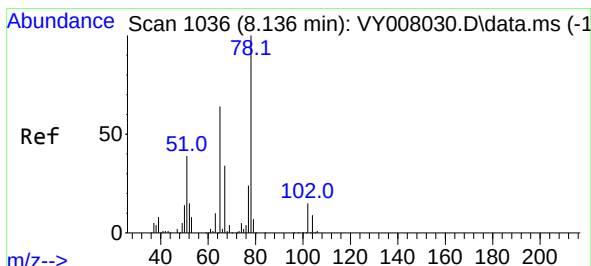
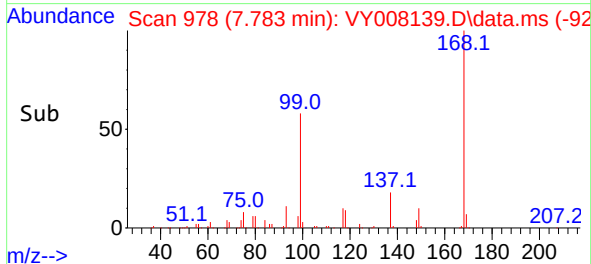
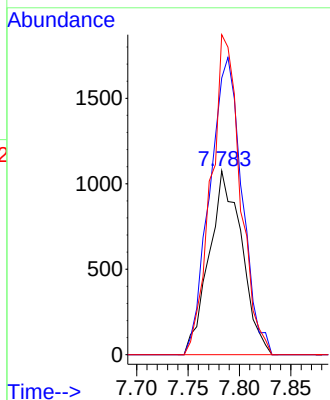
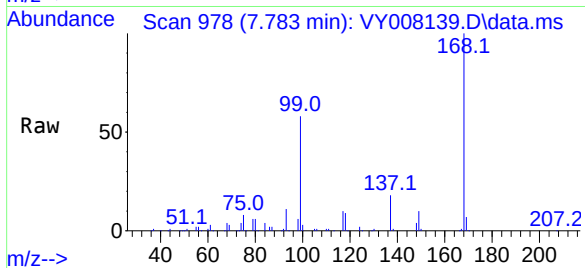




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

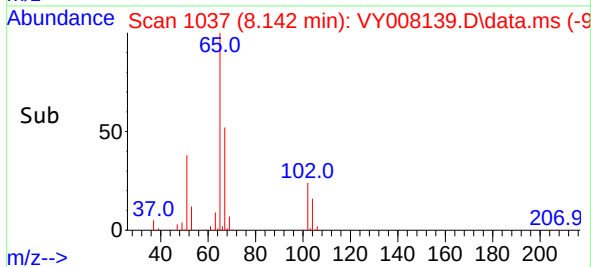
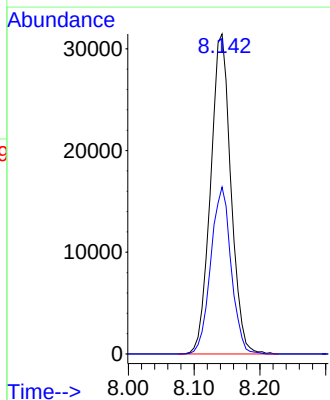
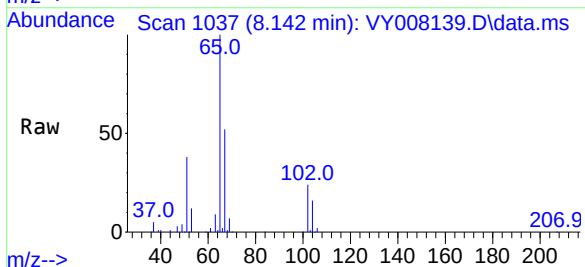
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

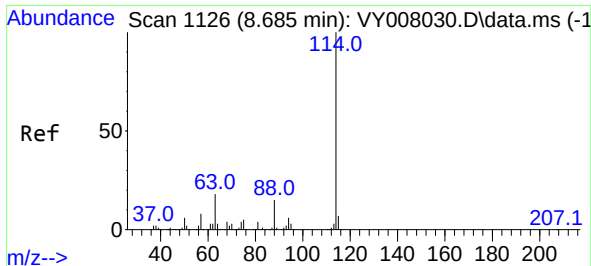
Tgt Ion: 56 Resp: 2371
Ion Ratio Lower Upper
56 100
69 150.4 26.7 40.1#
84 174.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.583 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion: 65 Resp: 67733
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

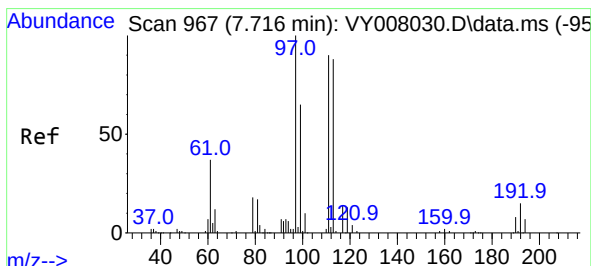
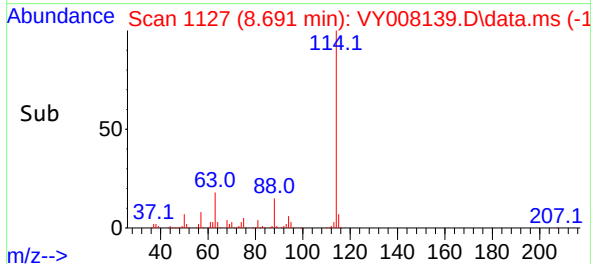
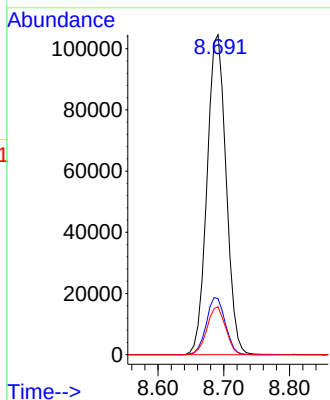
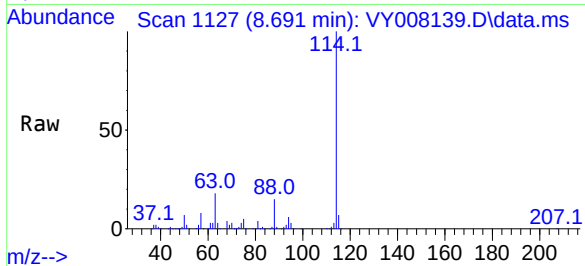




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

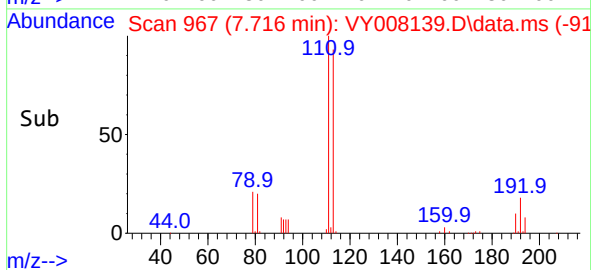
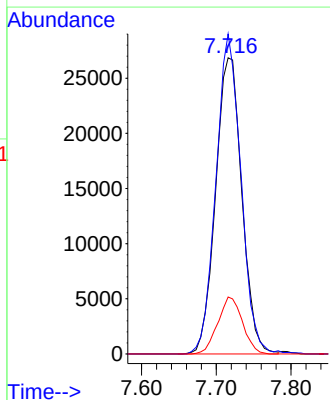
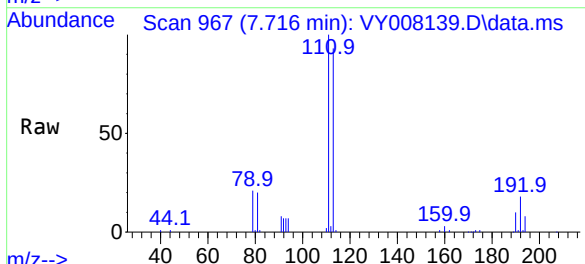
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

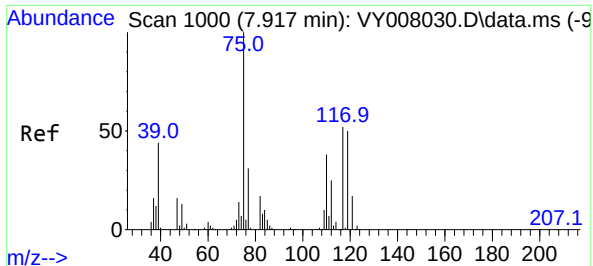
Tgt Ion:114 Resp: 210965
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.571 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion:113 Resp: 65567
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.324 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008139.D

Acq: 31 Mar 2022 15:09

Instrument :

MSVOA_Y

ClientSampleId :

RO-ETGI-371

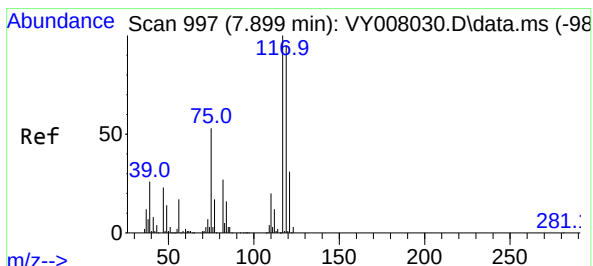
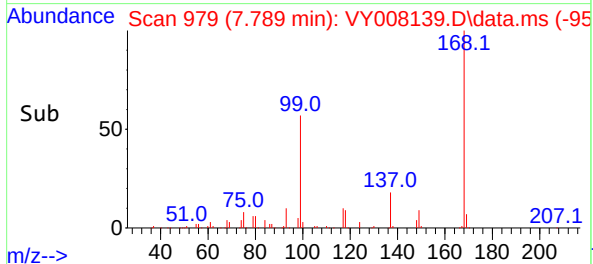
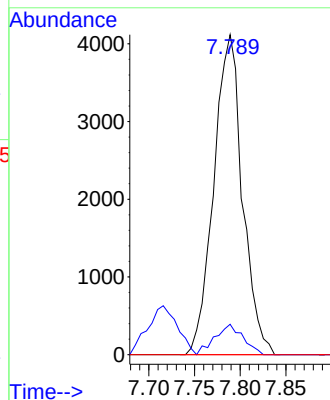
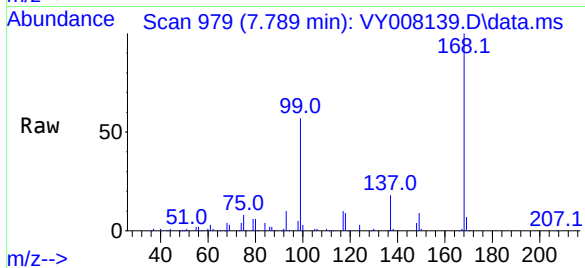
Tgt Ion: 75 Resp: 8985

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.181 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008139.D

Acq: 31 Mar 2022 15:09

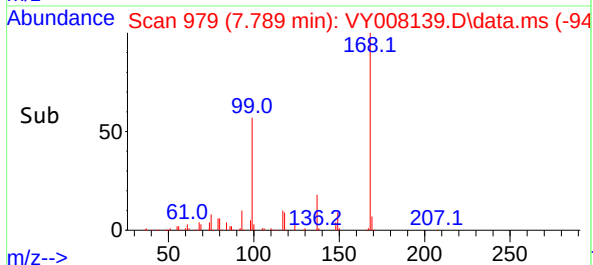
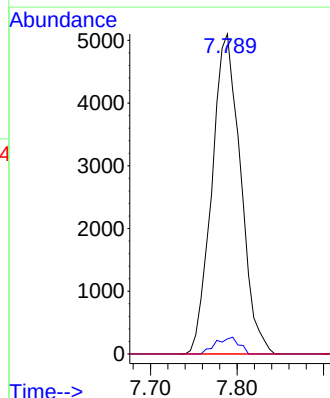
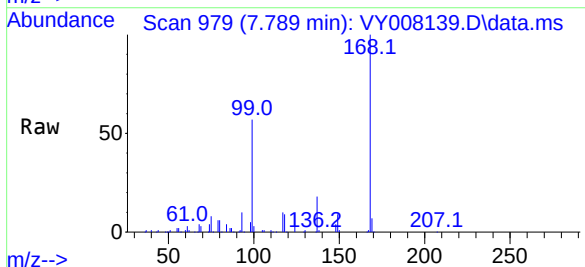
Tgt Ion: 117 Resp: 11730

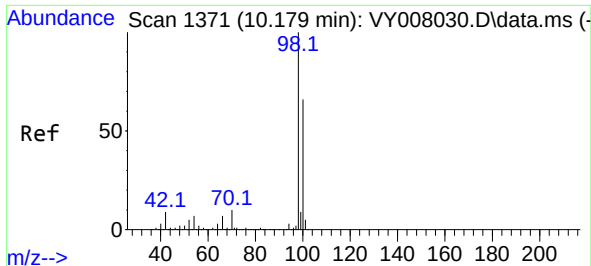
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

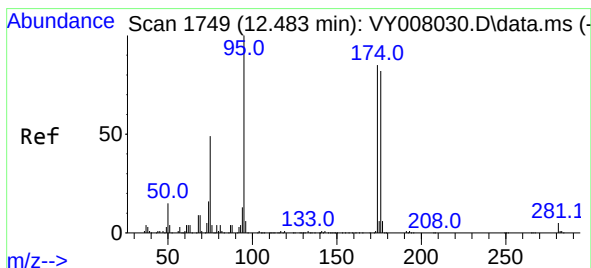
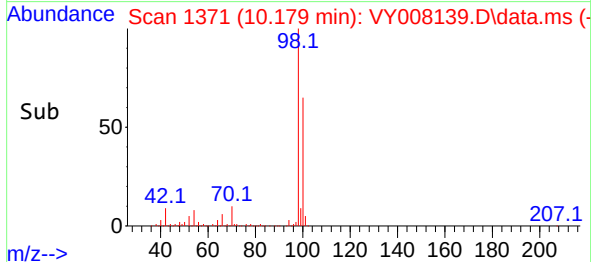
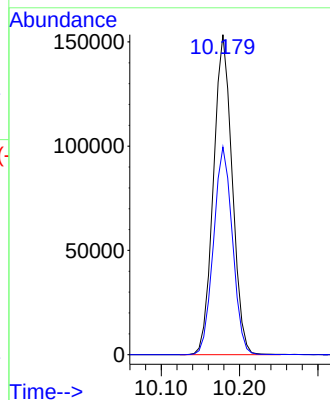
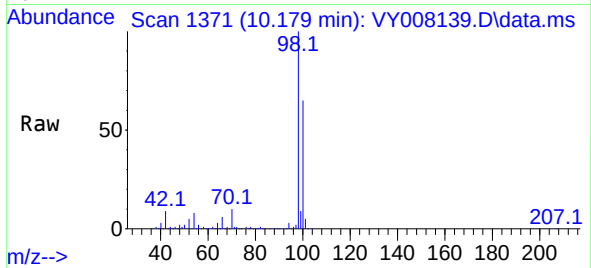




#50
Toluene-d8
Concen: 51.235 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

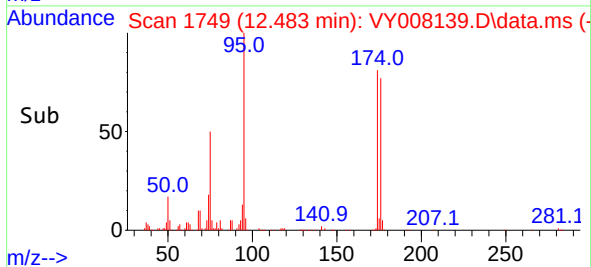
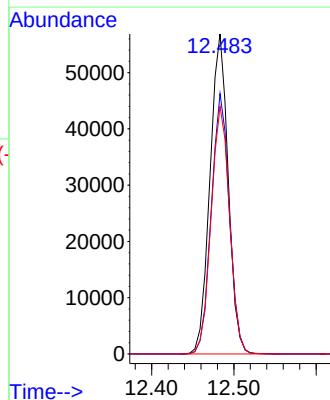
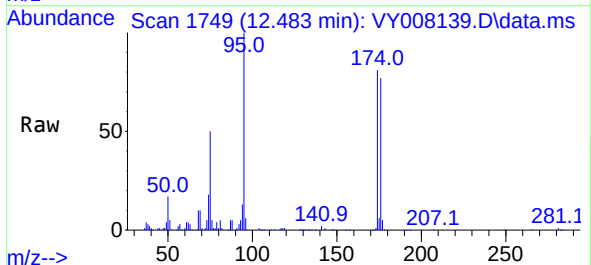
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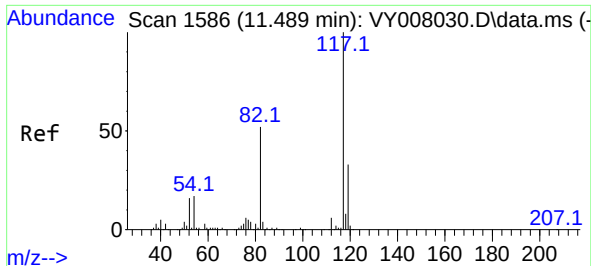
Tgt Ion: 98 Resp: 255319
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion: 95 Resp: 87457
Ion Ratio Lower Upper
95 100
174 80.4 0.0 177.0
176 78.1 0.0 175.8

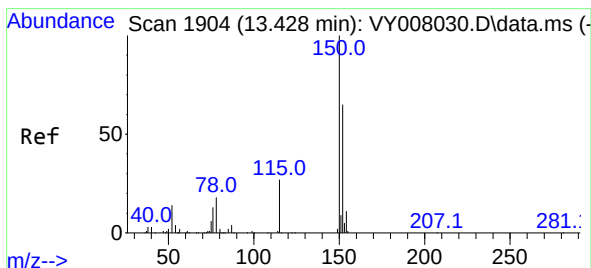
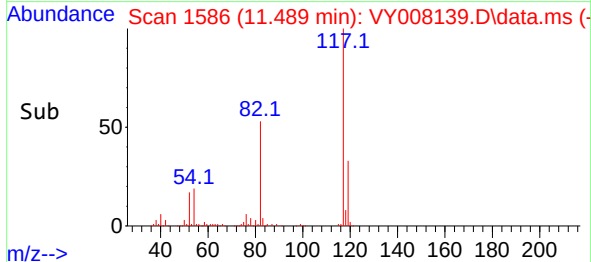
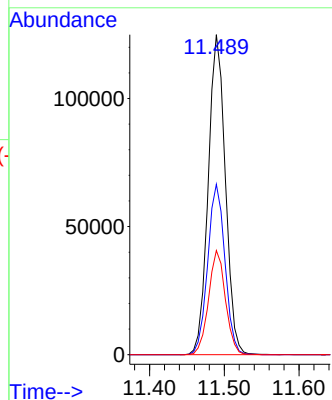
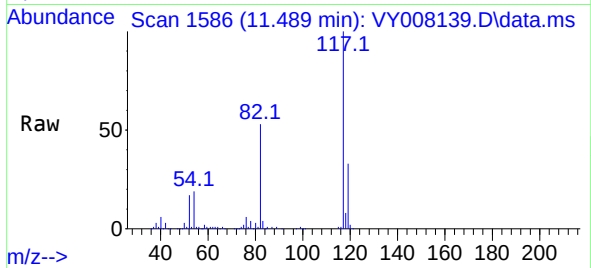




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

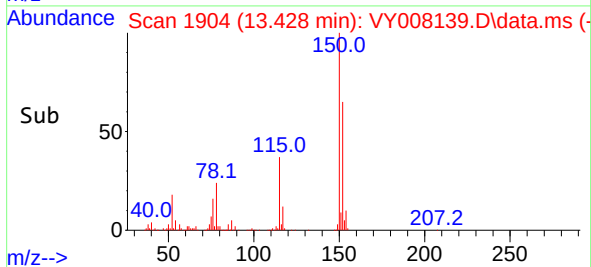
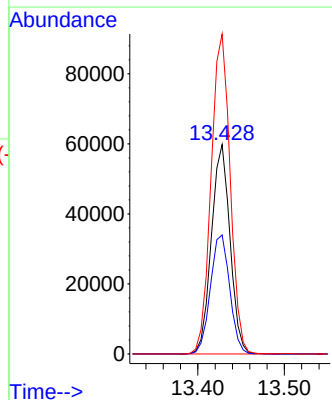
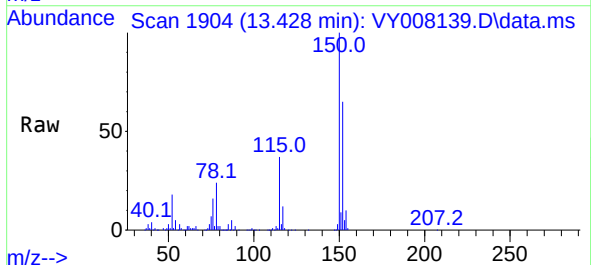
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

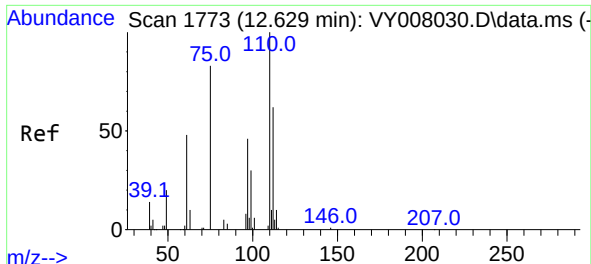
Tgt Ion:117 Resp: 198954
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Tgt Ion:152 Resp: 89414
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 156.2 0.0 347.6

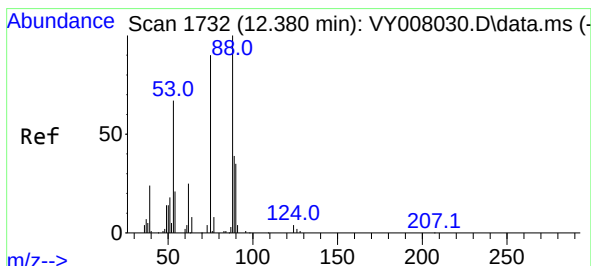
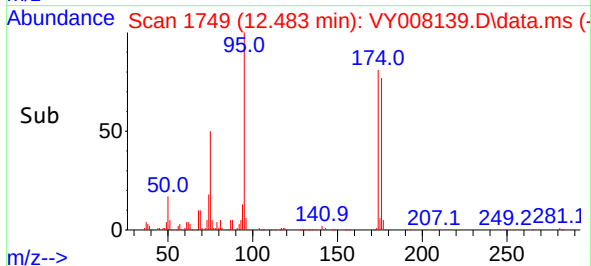
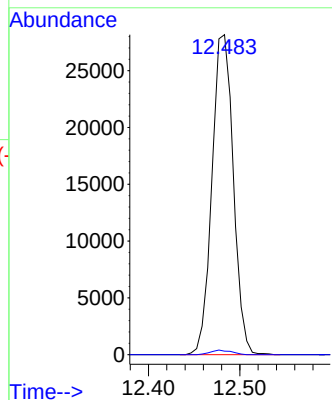
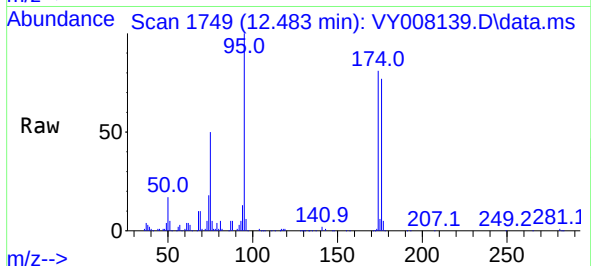




#76
1,2,3-Trichloropropane
Concen: 41.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

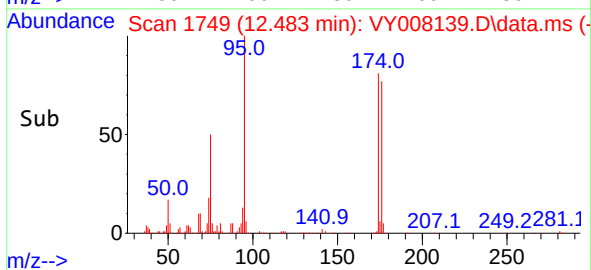
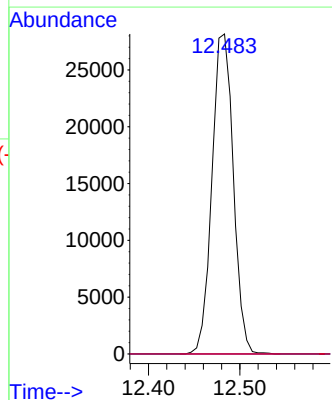
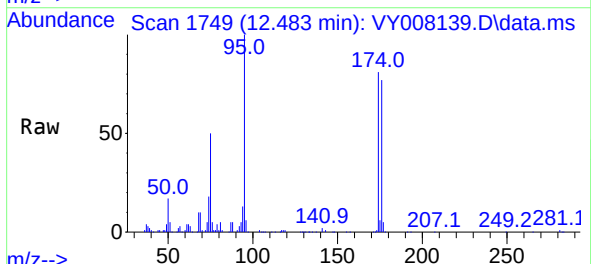
Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371

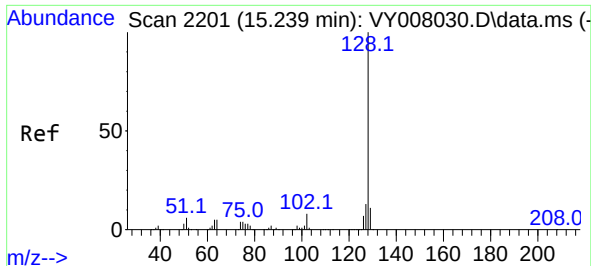
Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

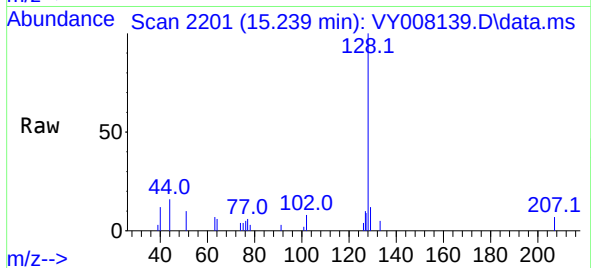
Tgt Ion: 75 Resp: 45675
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 1.066 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008139.D
Acq: 31 Mar 2022 15:09

Instrument :
MSVOA_Y
ClientSampleId :
RO-ETGI-371



Tgt Ion:128 Resp: 4169

Ion	Ratio	Lower	Upper
128	100		
127	12.1	11.0	16.4
129	11.8	8.4	12.6

