

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005302.D
 Acq On : 30 Jun 2021 16:51
 Operator : SY/MD
 Sample : M2902-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-063021

Quant Time: Jul 01 06:39:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	223409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	368262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	190643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126763	68.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.740%	
35) Dibromofluoromethane	7.722	113	115464	53.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.360%	
50) Toluene-d8	10.185	98	452525	52.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.483	95	161717	56.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.840%	

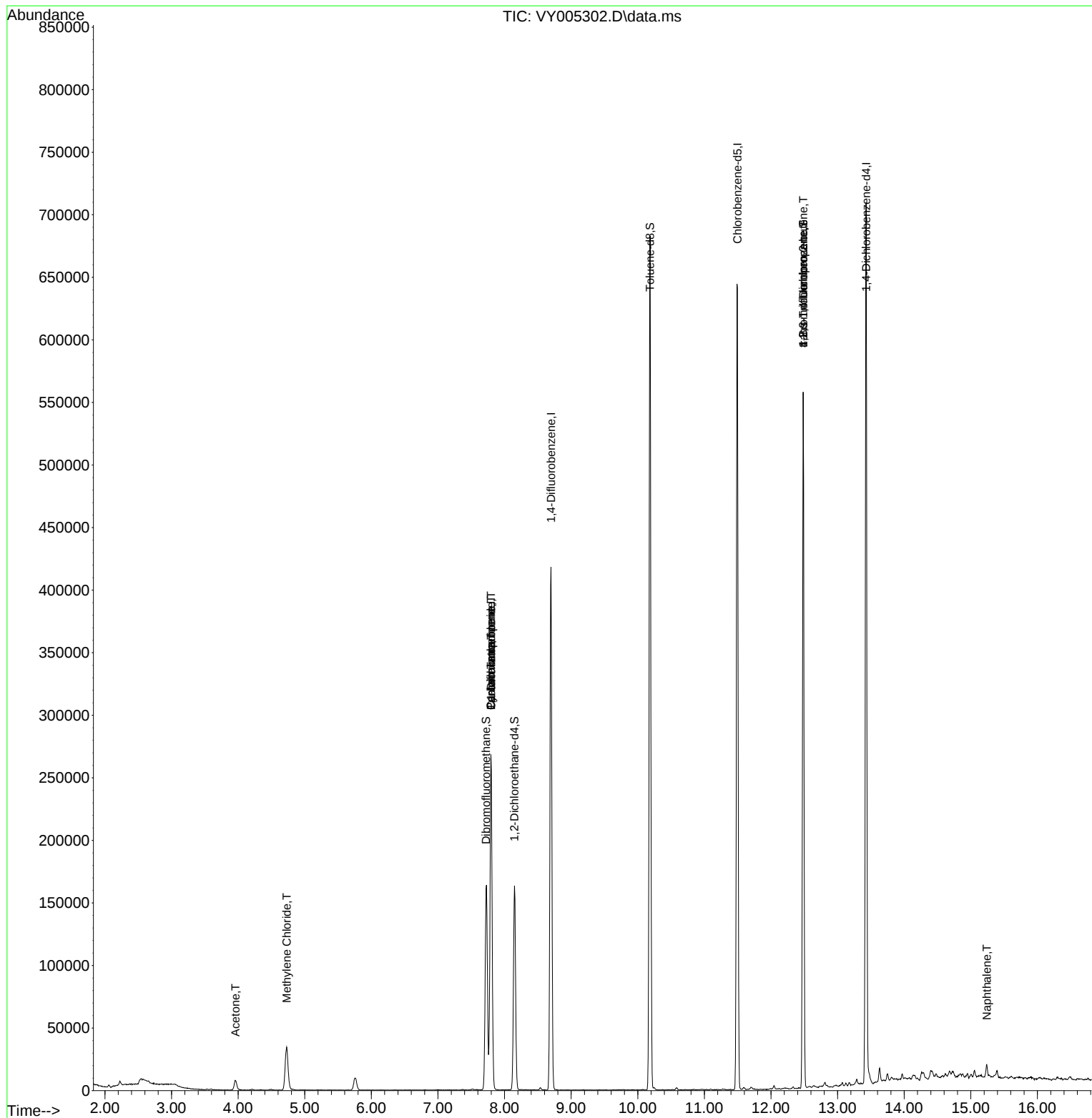
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	114	Below Cal	#	77
16) Acetone	3.960	43	13795	32.209	ug/l	97
20) Methylene Chloride	4.729	84	26502	3.520	ug/l	95
31) Cyclohexane	7.795	56	3831	1.157	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	14383	4.478	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	18815	5.596	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	79502	47.021	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	79502	87.730	ug/l	# 17
95) Naphthalene	15.239	128	8823	1.221	ug/l	97

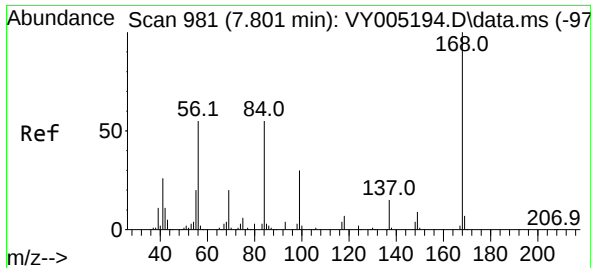
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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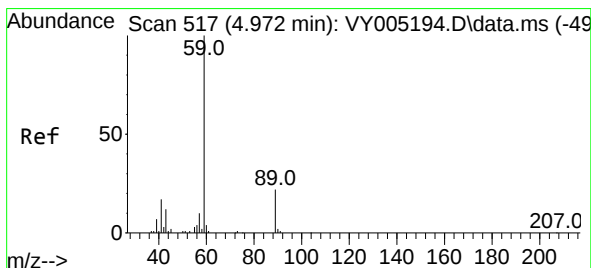
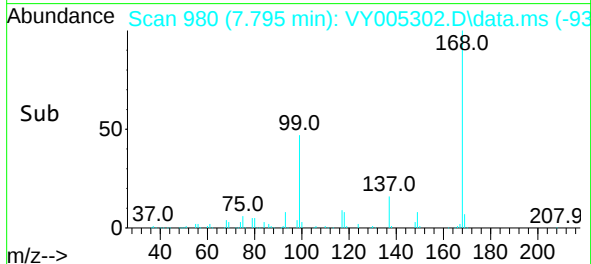
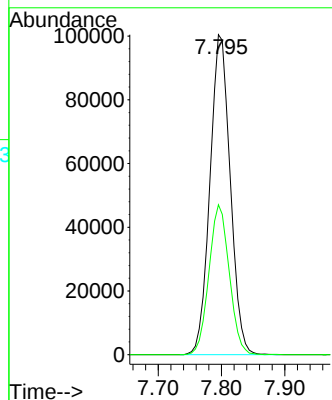
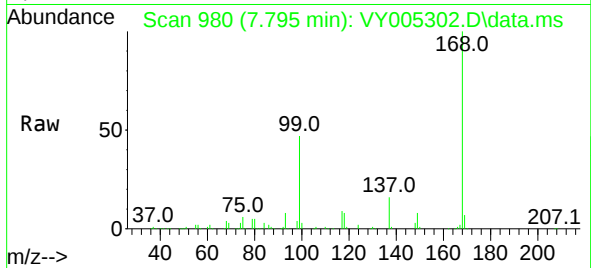




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

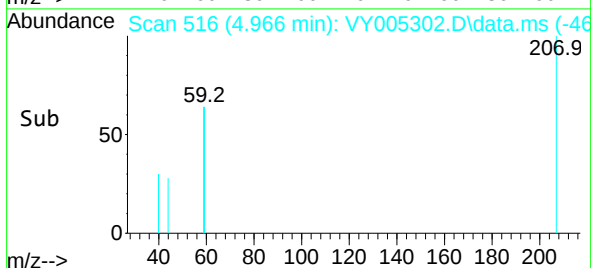
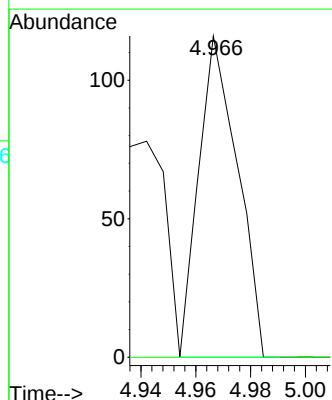
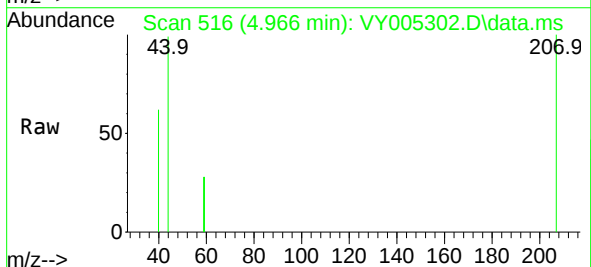
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

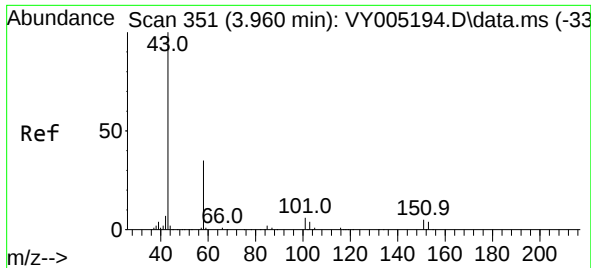
Tgt Ion:168 Resp: 223409
Ion Ratio Lower Upper
168 100
99 46.9 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

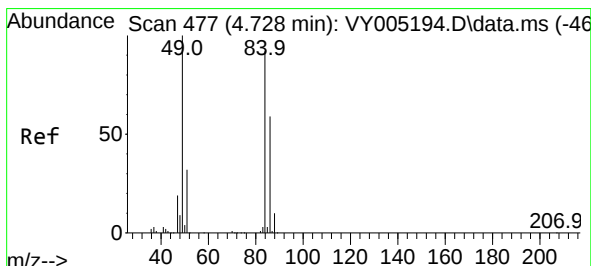
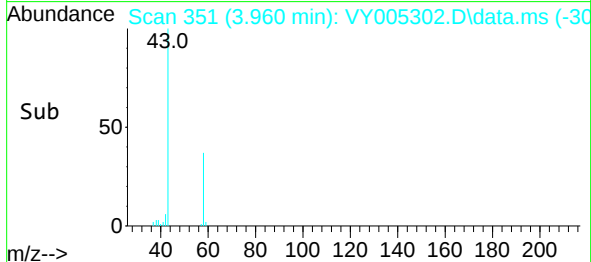
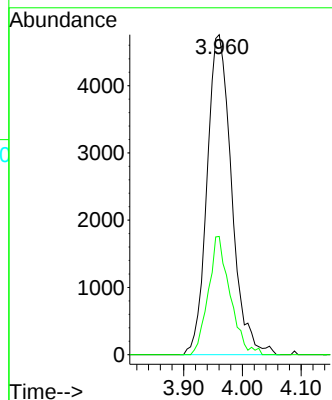
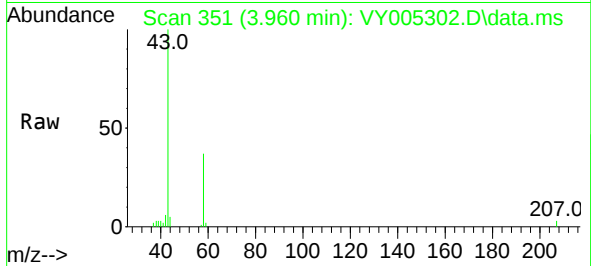




#16
Acetone
Concen: 32.209 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

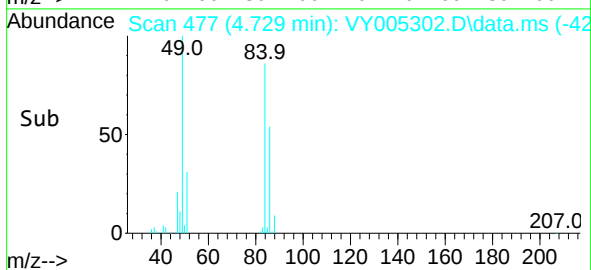
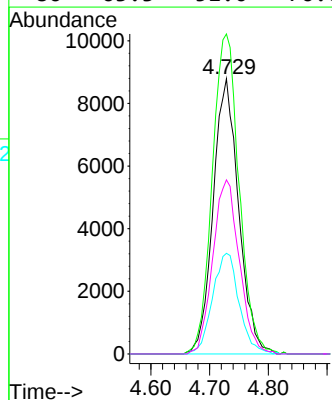
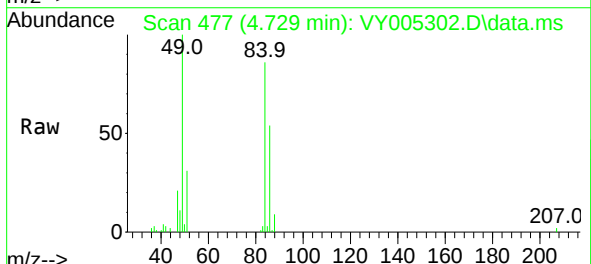
Instrument :
MSVOA_Y
ClientSampled :
CL-01-063021

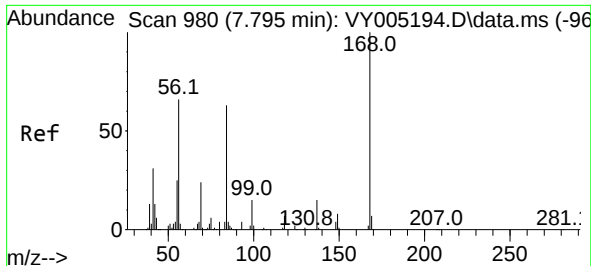
Tgt Ion: 43 Resp: 13795
Ion Ratio Lower Upper
43 100
58 36.9 28.2 42.2



#20
Methylene Chloride
Concen: 3.520 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 84 Resp: 26502
Ion Ratio Lower Upper
84 100
49 116.3 86.9 130.3
51 36.5 27.4 41.2
86 63.3 51.0 76.6

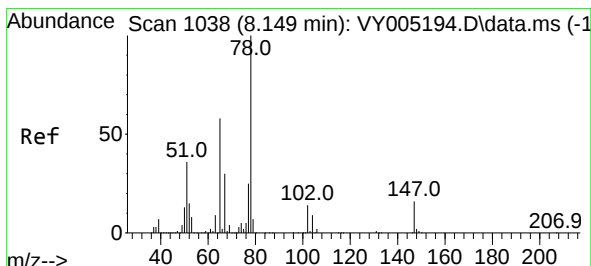
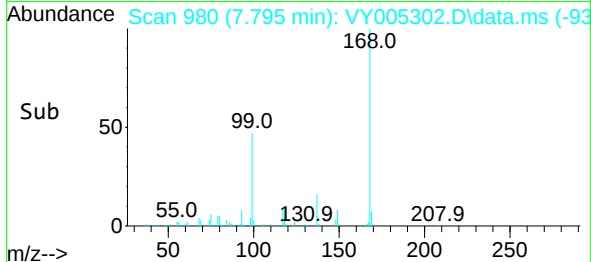
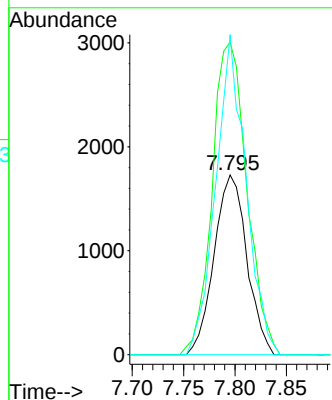
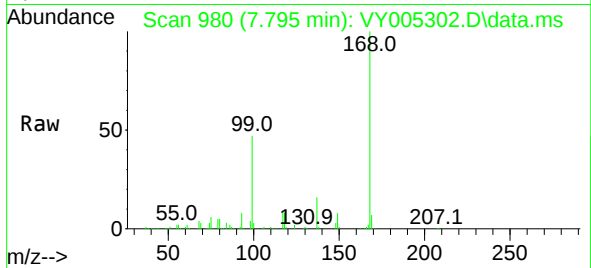




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

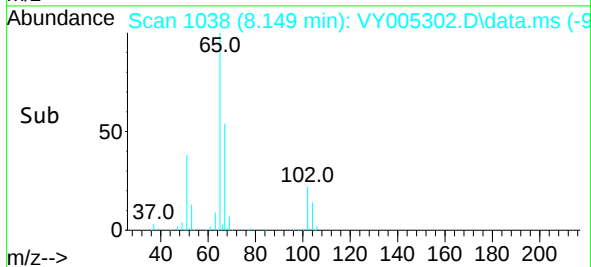
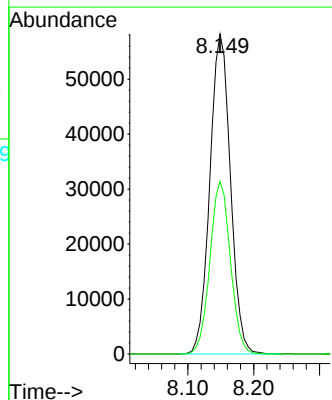
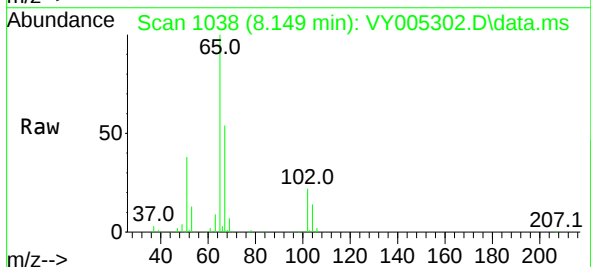
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

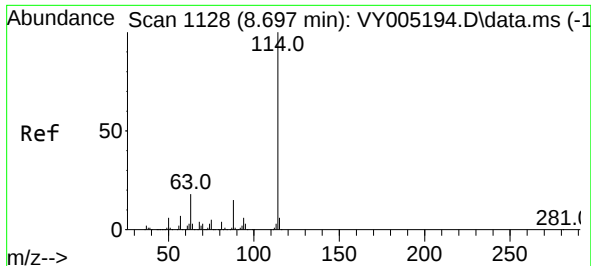
Tgt Ion: 56 Resp: 3831
Ion Ratio Lower Upper
56 100
69 173.8 29.6 44.4#
84 178.0 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 68.374 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 65 Resp: 126763
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

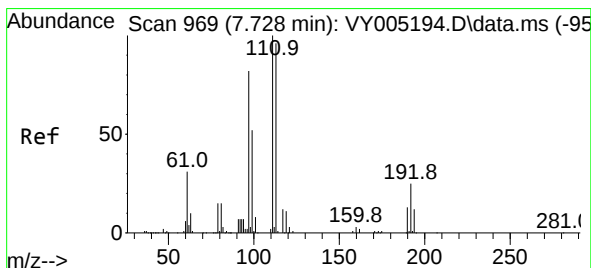
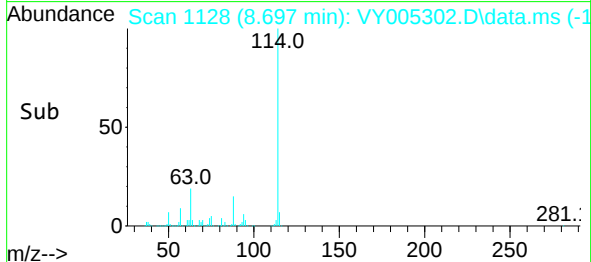
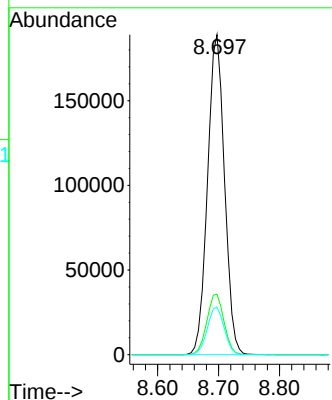
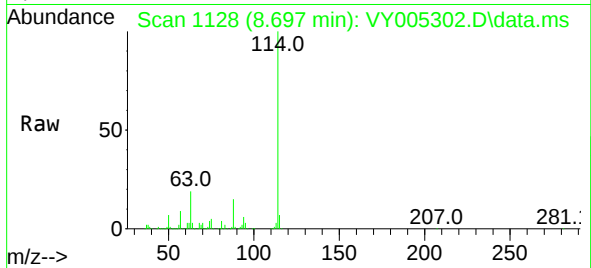




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

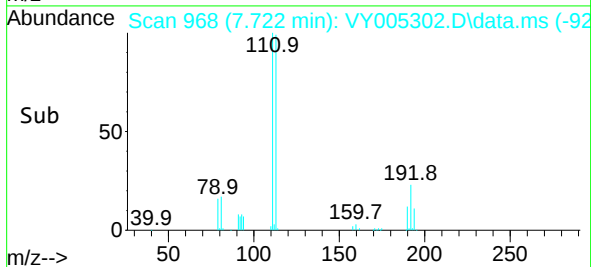
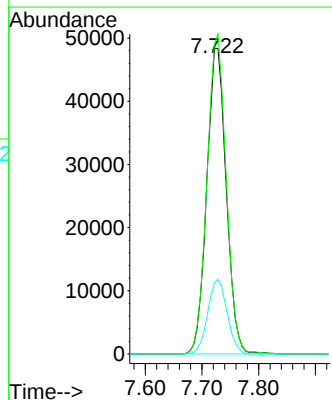
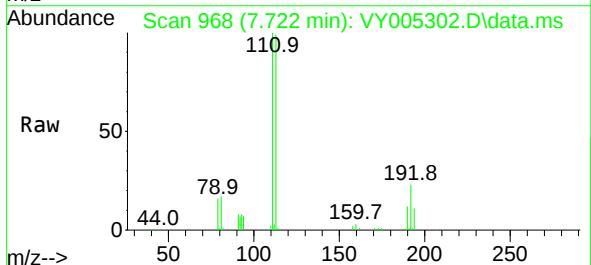
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

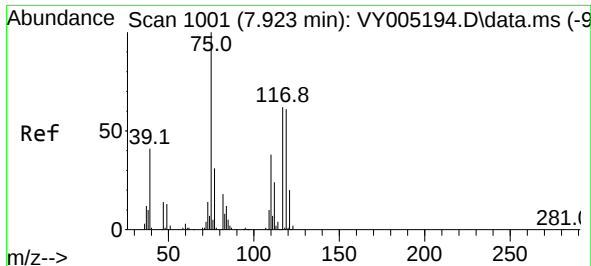
Tgt Ion:114 Resp: 364740
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.677 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion:113 Resp: 115464
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 24.4 20.2 30.2

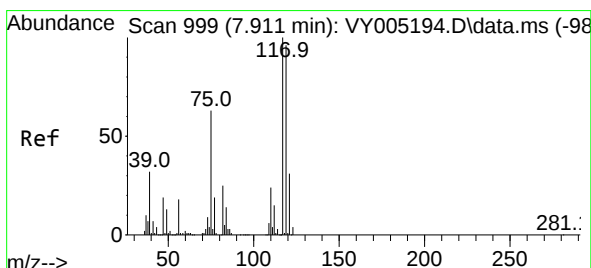
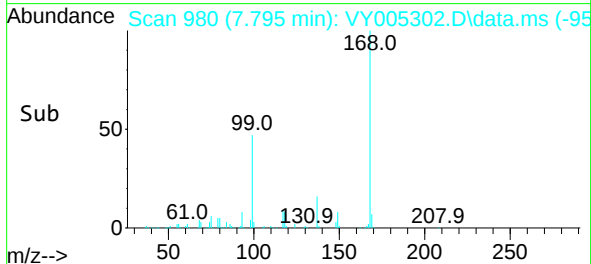
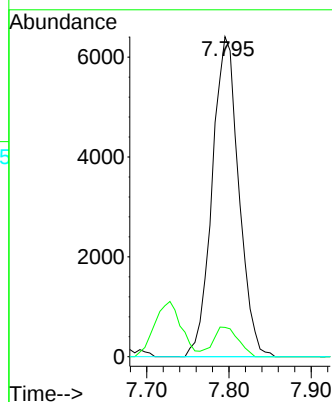
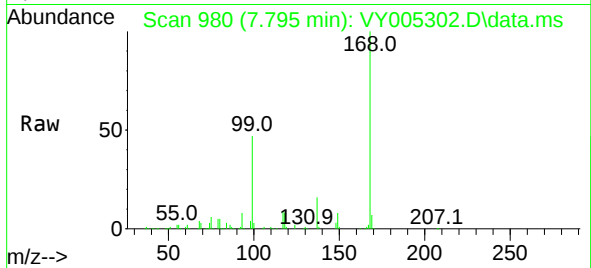




#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

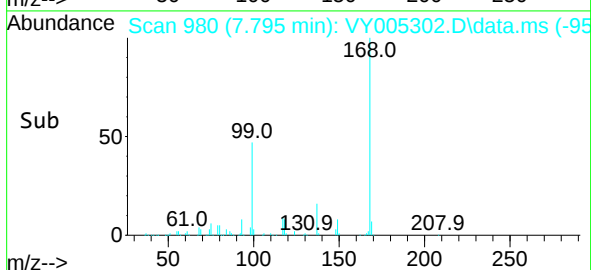
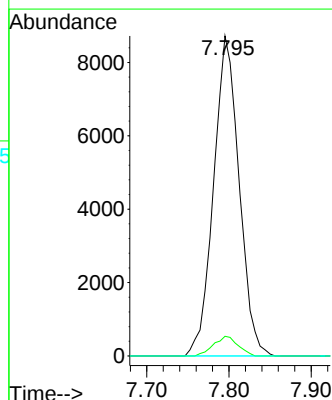
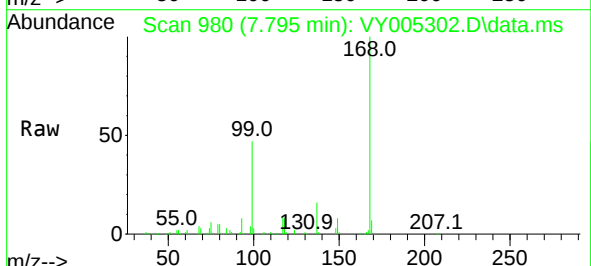
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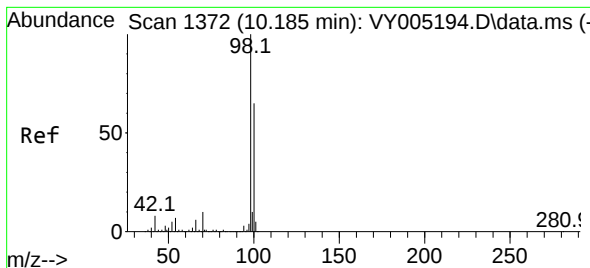
Tgt Ion: 75 Resp: 14383
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 117 Resp: 18815
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 24.7 37.1#

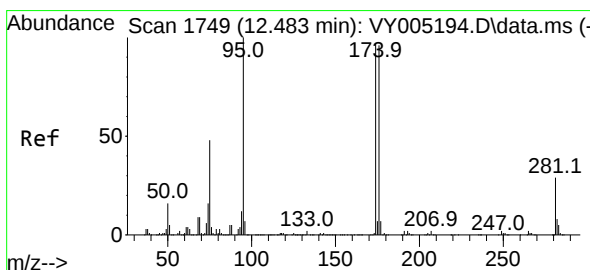
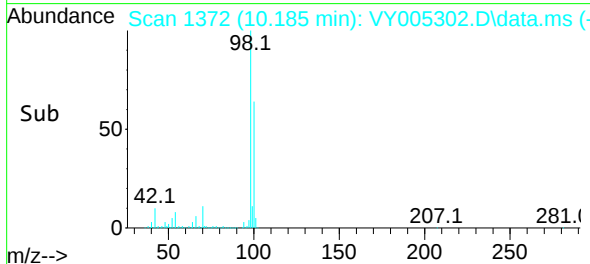
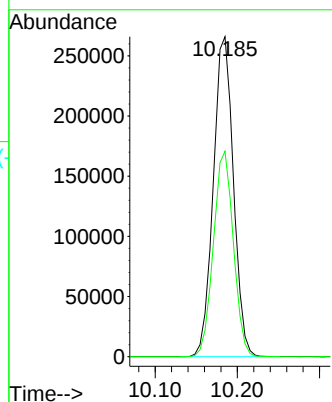
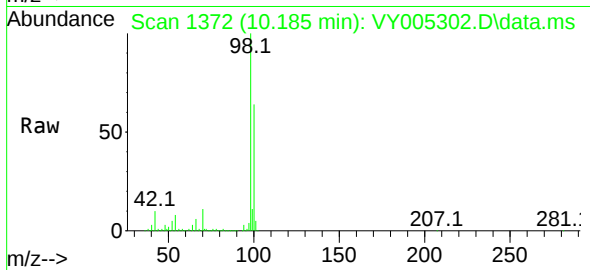




#50
Toluene-d8
Concen: 52.605 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

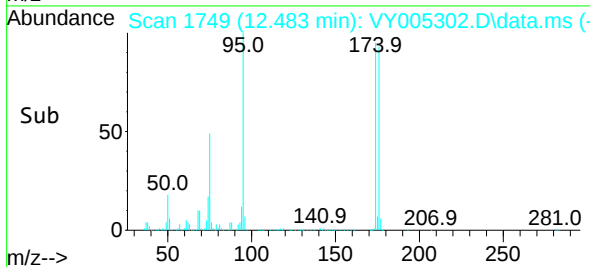
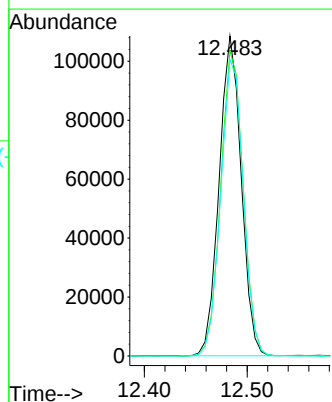
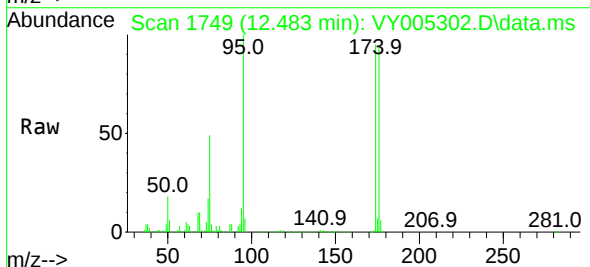
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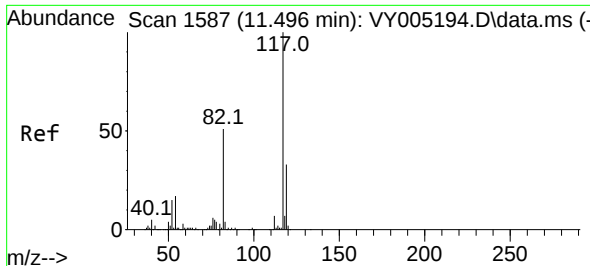
Tgt Ion: 98 Resp: 452525
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 95 Resp: 161717
Ion Ratio Lower Upper
95 100
174 97.3 0.0 201.6
176 94.8 0.0 197.4

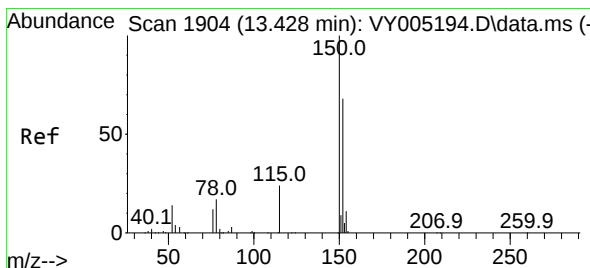
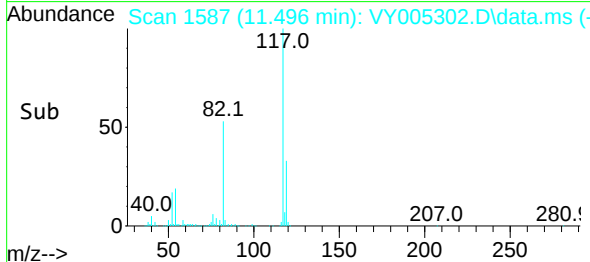
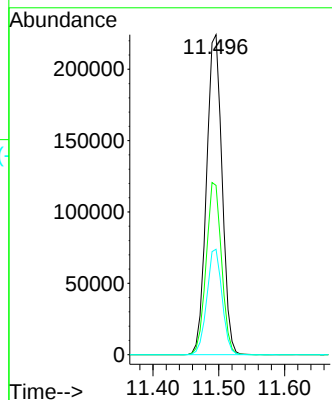
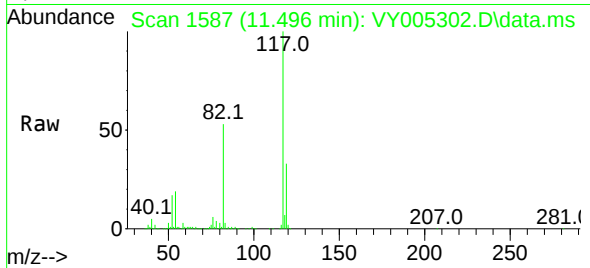




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

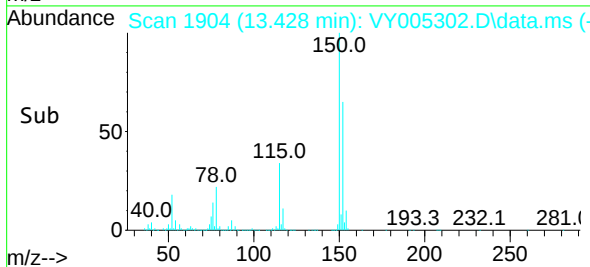
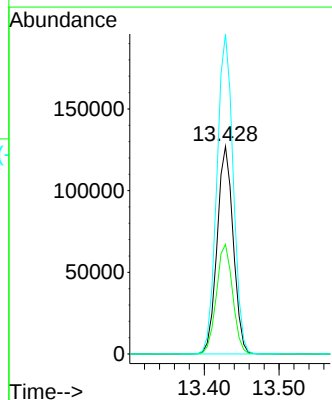
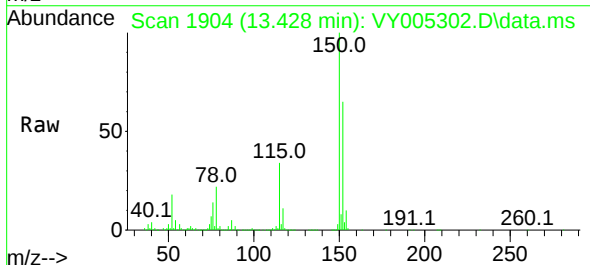
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

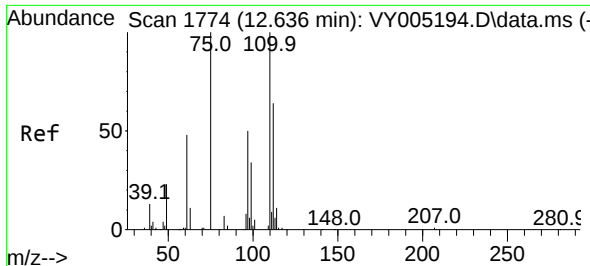
Tgt Ion:117 Resp: 368262
Ion Ratio Lower Upper
117 100
82 52.9 40.6 60.8
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion:152 Resp: 190643
Ion Ratio Lower Upper
152 100
115 53.4 26.3 78.8
150 156.3 0.0 344.2

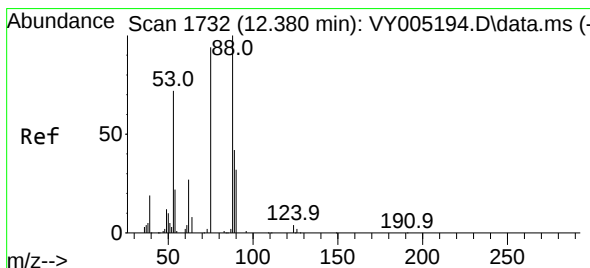
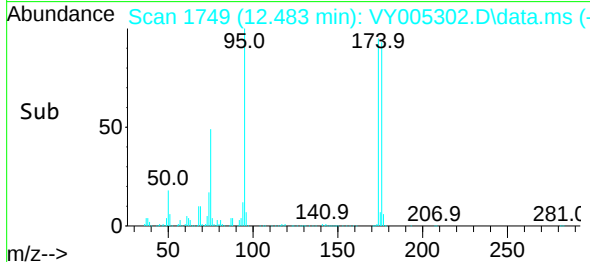
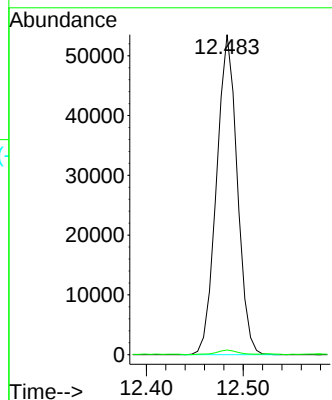
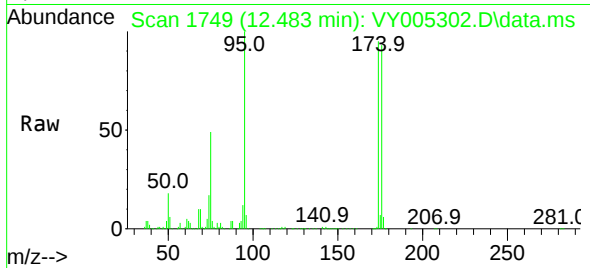




#76
1,2,3-Trichloropropane
Concen: 47.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

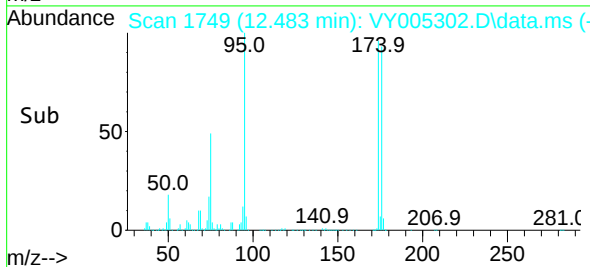
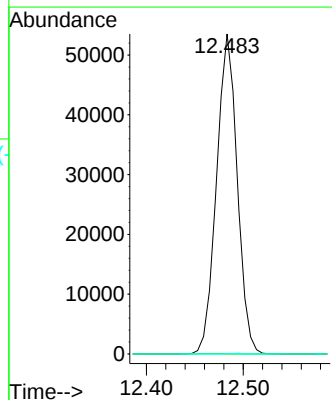
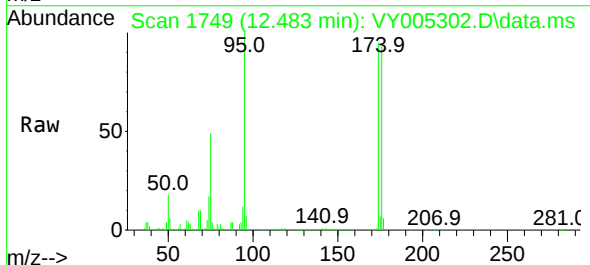
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

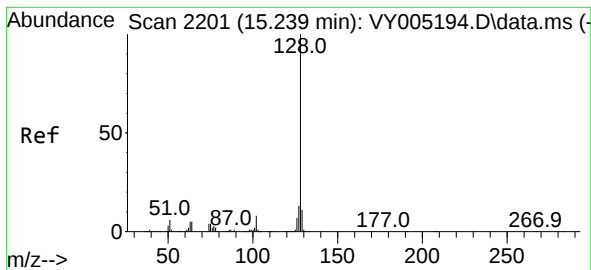
Tgt Ion: 75 Resp: 79502
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Tgt Ion: 75 Resp: 79502
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 38.0 57.0#





#95
Naphthalene
Concen: 1.221 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005302.D
Acq: 30 Jun 2021 16:51

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-063021

Tgt Ion:	128	Resp:	8823
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.4
129	12.0	8.7	13.1

