

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005520.D
 Acq On : 02 Aug 2021 14:43
 Operator : SY/MD
 Sample : VY0802SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBL01

Quant Time: Aug 03 04:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

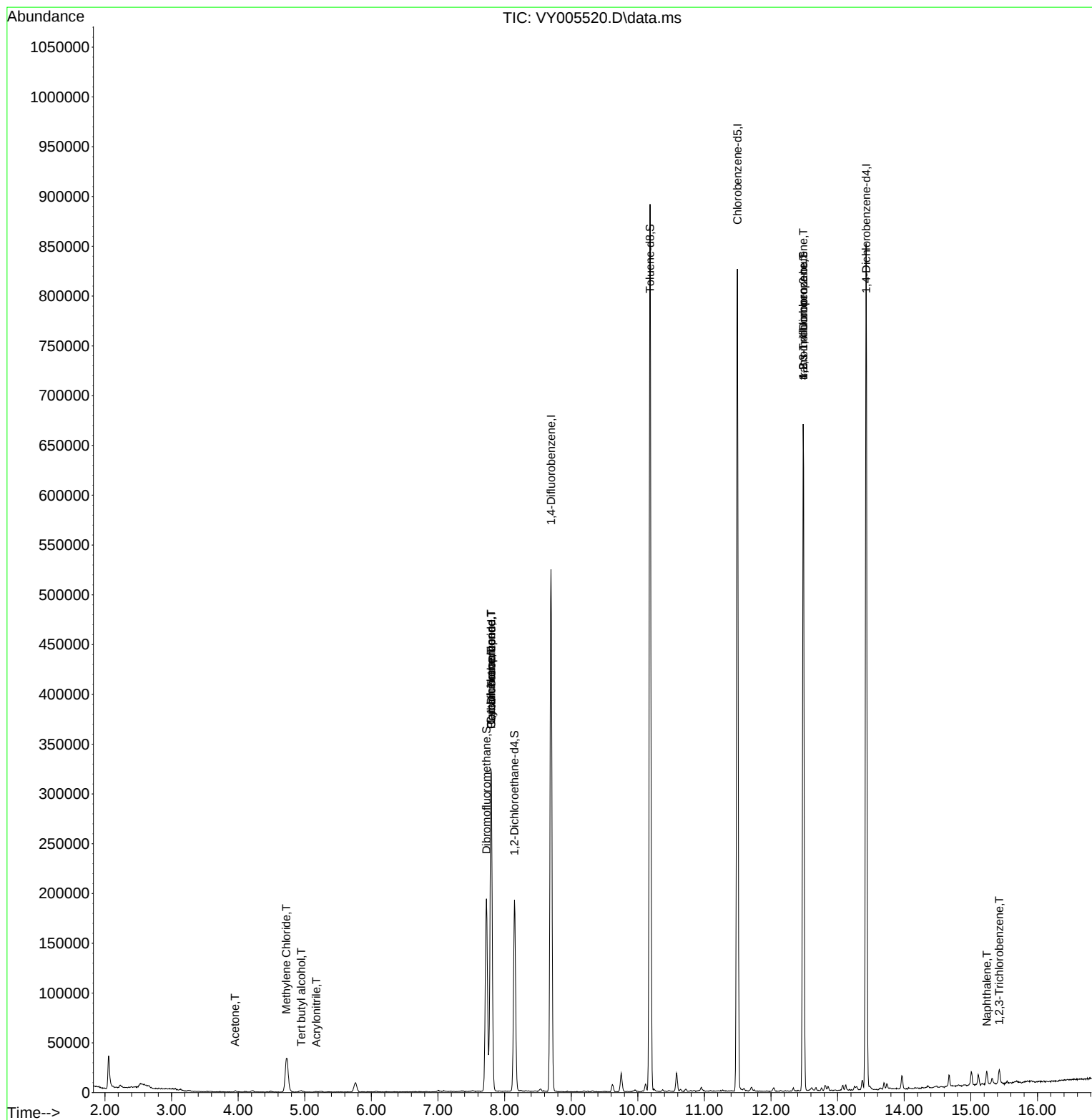
Internal Standards						
1) Pentafluorobenzene	7.801	168	268224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	447665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	438578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	218310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152562	56.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.380%	
35) Dibromofluoromethane	7.728	113	131639	52.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.040%	
50) Toluene-d8	10.185	98	565607	53.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.620%	
62) 4-Bromofluorobenzene	12.483	95	194450	55.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.720%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	1527	5.689	ug/l #	73
15) Acrylonitrile	5.173	53	840	1.112	ug/l #	47
16) Acetone	3.954	43	1838	2.685	ug/l #	80
20) Methylene Chloride	4.722	84	26688	4.292	ug/l	88
31) Cyclohexane	7.795	56	5107	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18577	4.424	ug/l #	49
38) Carbon Tetrachloride	7.801	117	24750	5.424	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	105470	46.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	105470	93.980	ug/l #	11
95) Naphthalene	15.239	128	10038	1.149	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	4998	1.273	ug/l	97

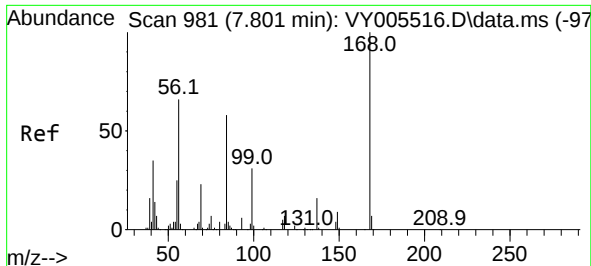
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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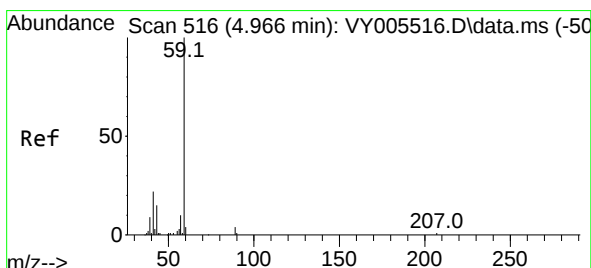
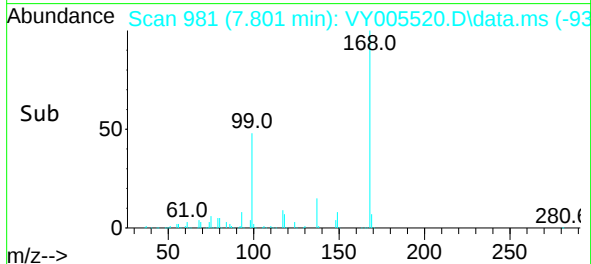
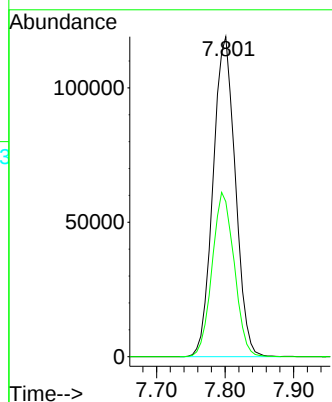
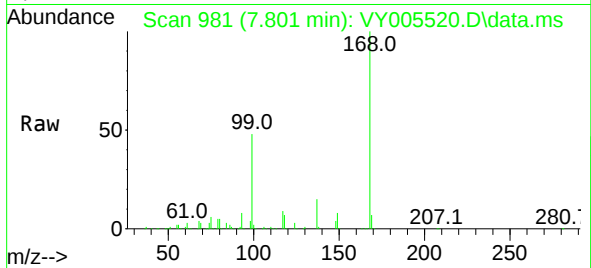




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

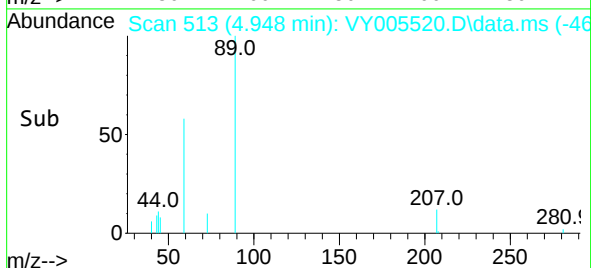
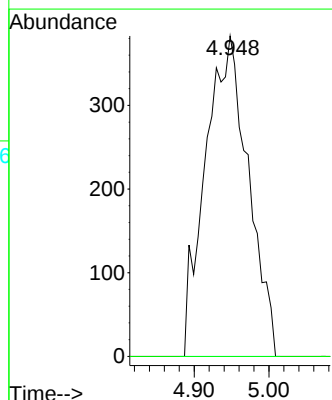
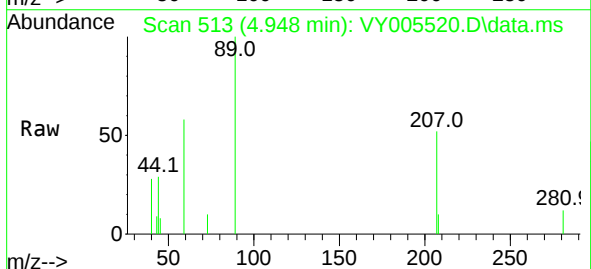
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

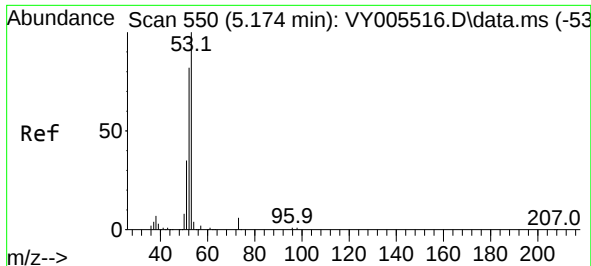
Tgt Ion:168 Resp: 268224
Ion Ratio Lower Upper
168 100
99 48.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.689 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

Tgt Ion: 59 Resp: 1527
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

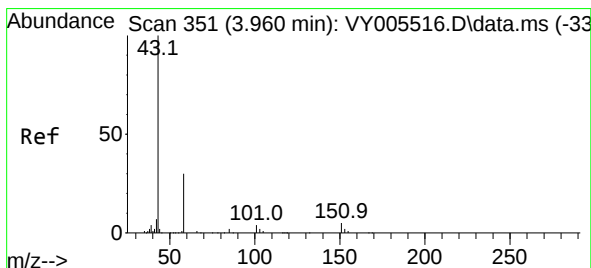
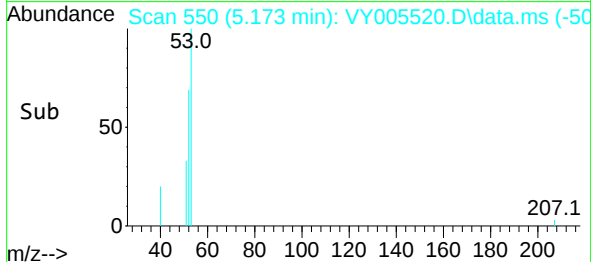
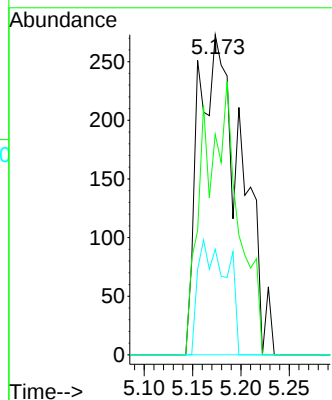
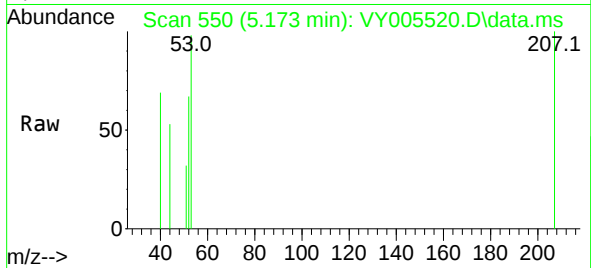




#15
Acrylonitrile
Concen: 1.112 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

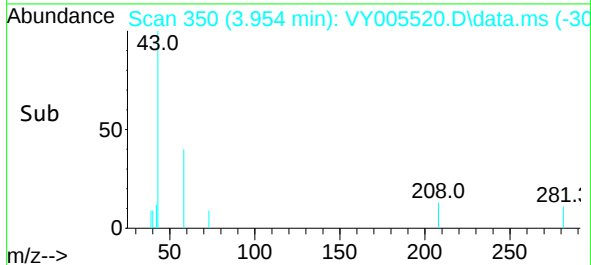
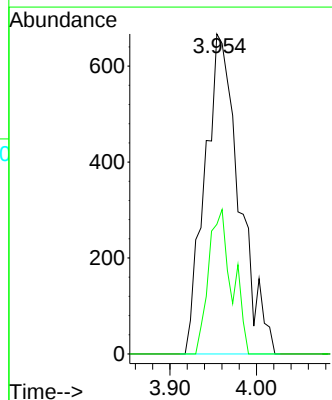
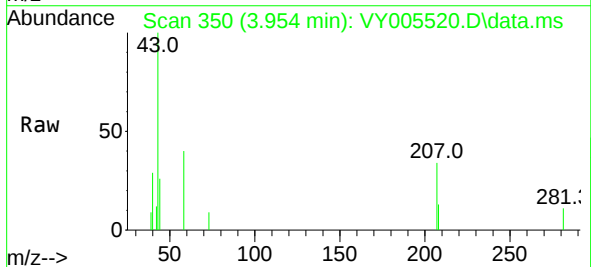
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

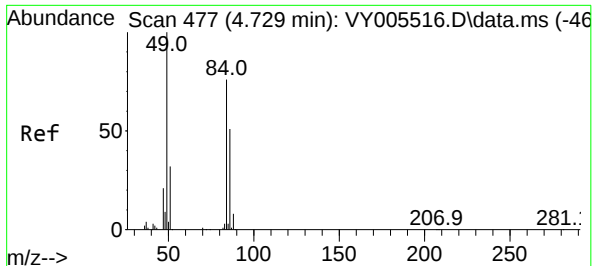
Tgt Ion: 53 Resp: 840
Ion Ratio Lower Upper
53 100
52 23.3 66.6 99.8#
51 24.2 29.9 44.9#



#16
Acetone
Concen: 2.685 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
58 40.5 23.8 35.6#





#20

Methylene Chloride

Concen: 4.292 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005520.D

Acq: 02 Aug 2021 14:43

Tgt Ion: 84 Resp: 26688

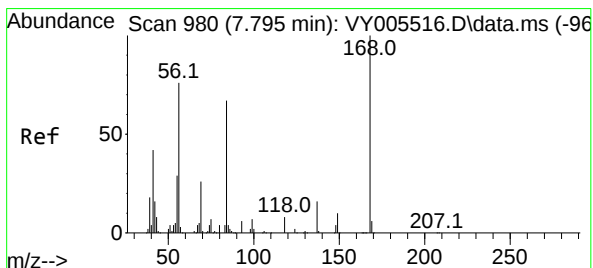
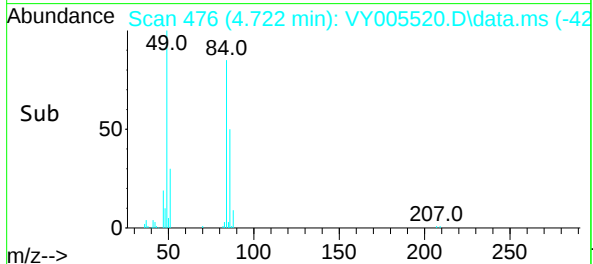
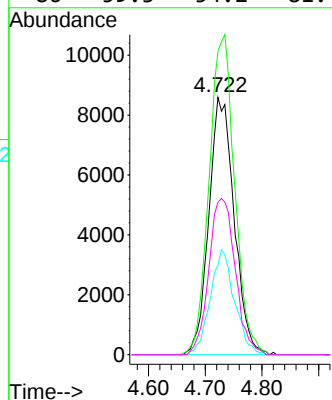
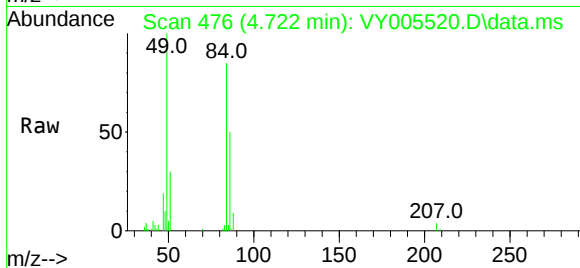
Ion Ratio Lower Upper

84 100

49 117.8 105.8 158.6

51 34.8 33.4 50.2

86 59.3 54.2 81.4



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005520.D

Acq: 02 Aug 2021 14:43

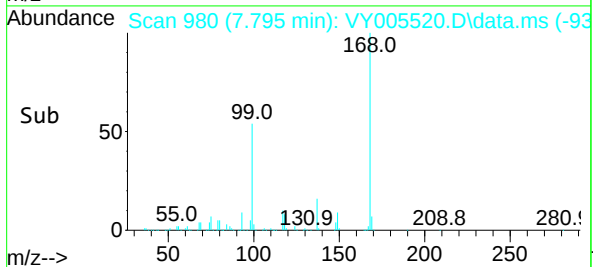
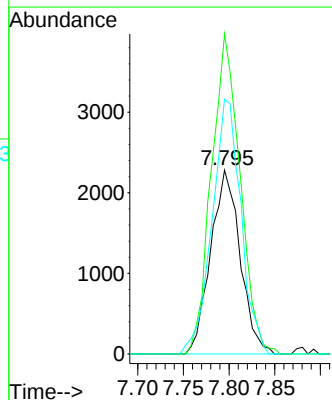
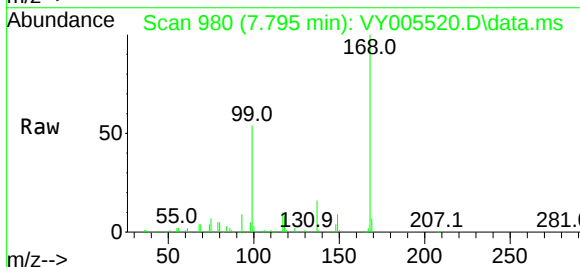
Tgt Ion: 56 Resp: 5107

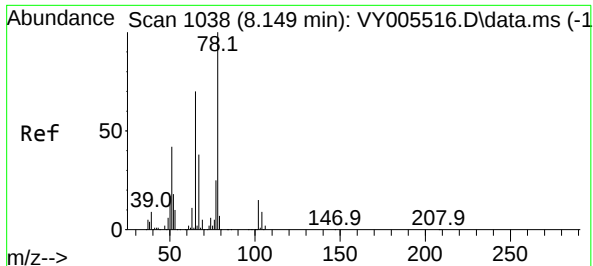
Ion Ratio Lower Upper

56 100

69 174.1 27.7 41.5#

84 138.6 70.9 106.3#

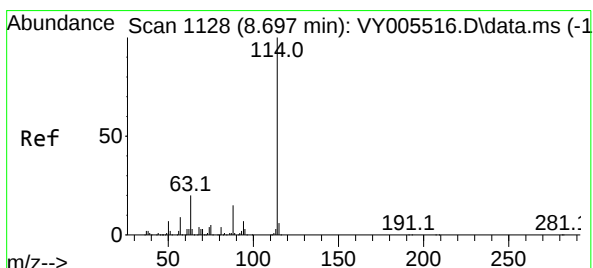
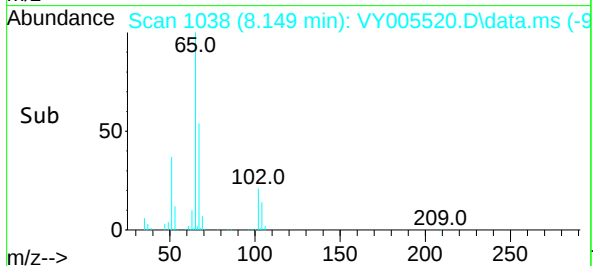
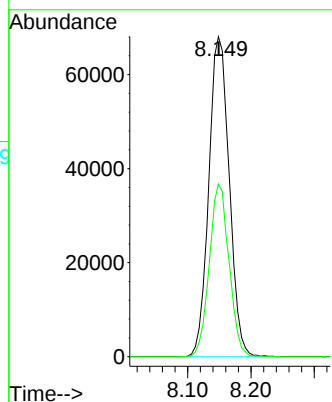
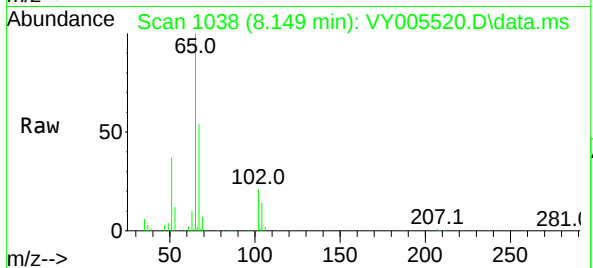




#33
1,2-Dichloroethane-d4
Concen: 56.190 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

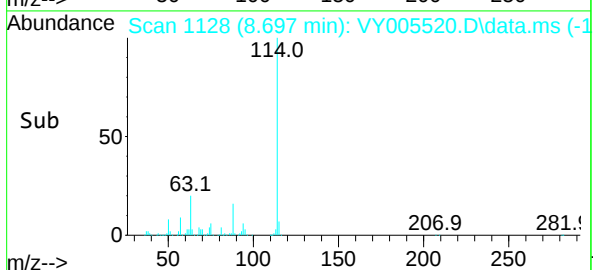
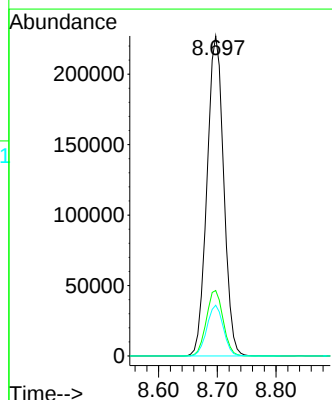
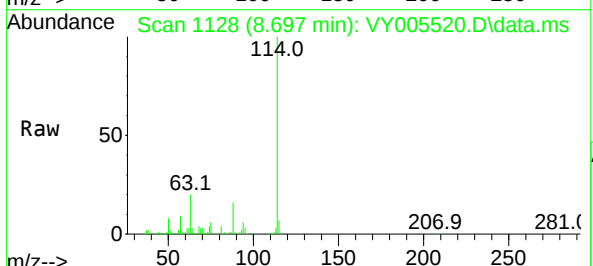
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

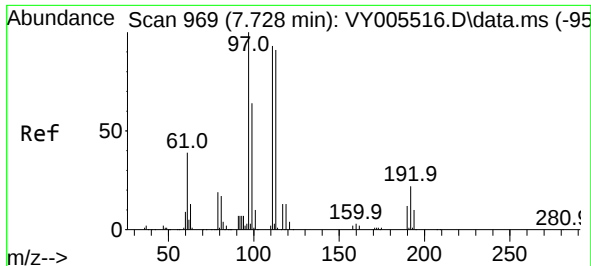
Tgt Ion: 65 Resp: 152562
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

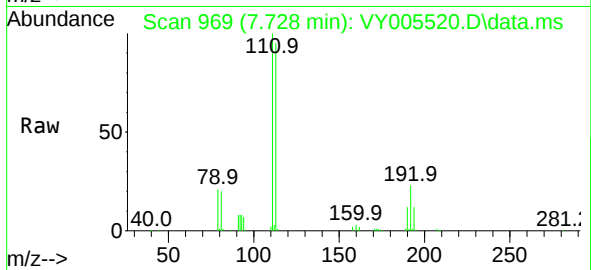
Tgt Ion: 114 Resp: 447665
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 15.9 0.0 30.8



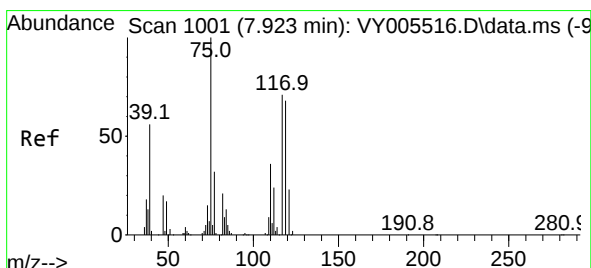
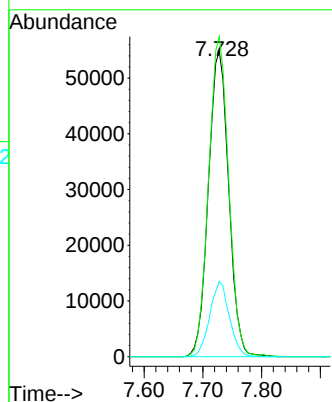
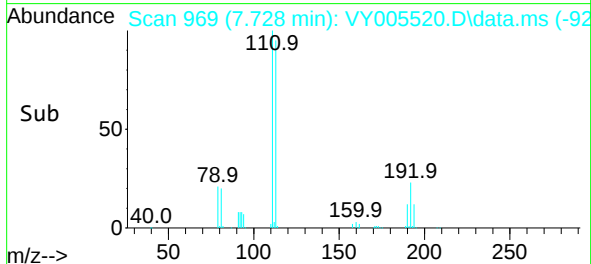


#35
Dibromofluoromethane
Concen: 52.522 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

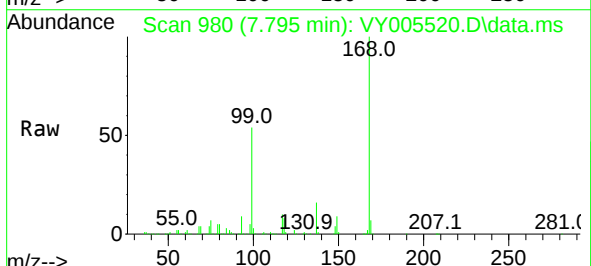
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01



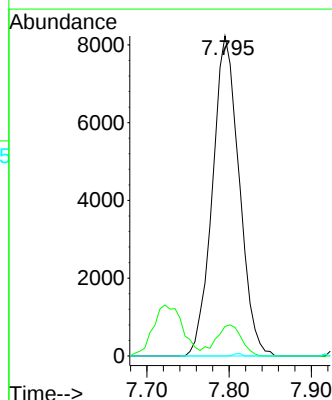
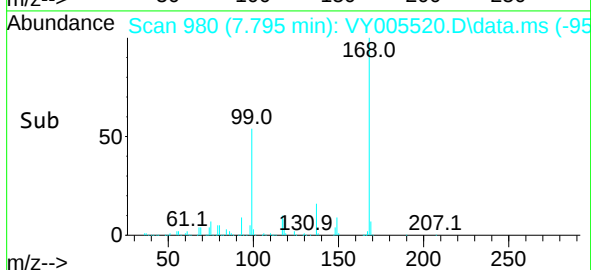
Tgt Ion:113 Resp: 131639
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 23.7 19.2 28.8

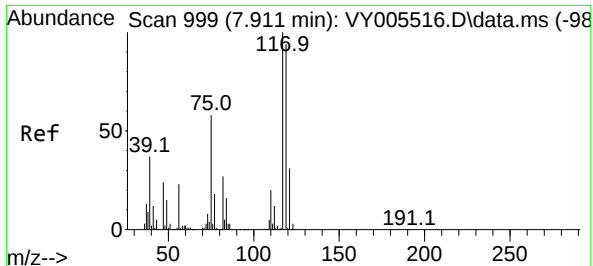


#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43



Tgt Ion: 75 Resp: 18577
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.1#
77 0.2 25.1 37.7#

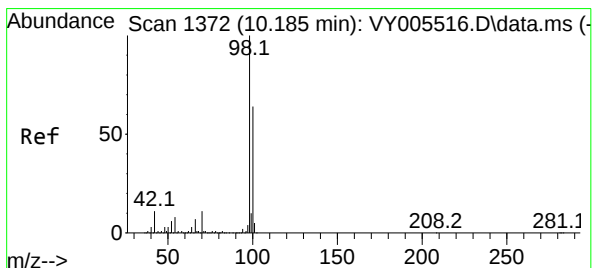
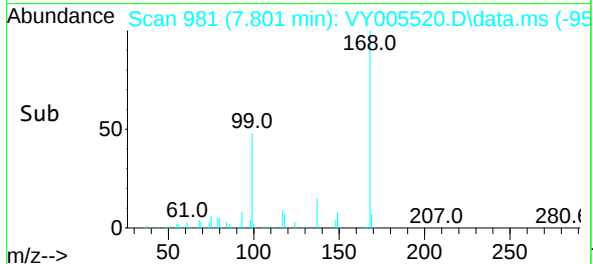
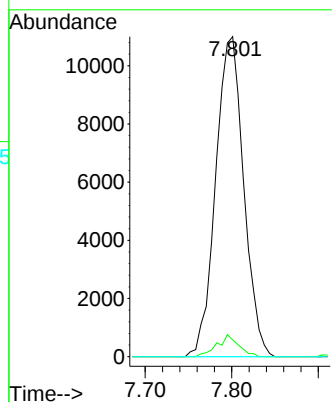
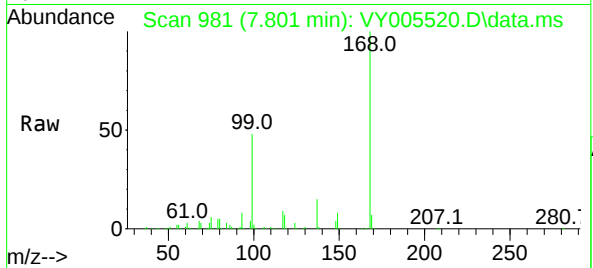




#38
Carbon Tetrachloride
Concen: 5.424 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

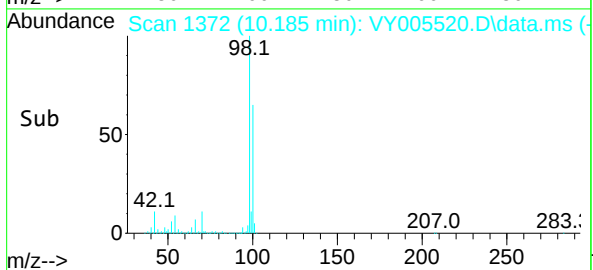
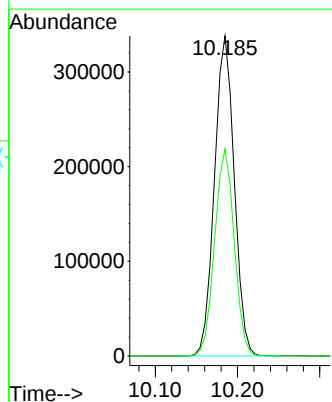
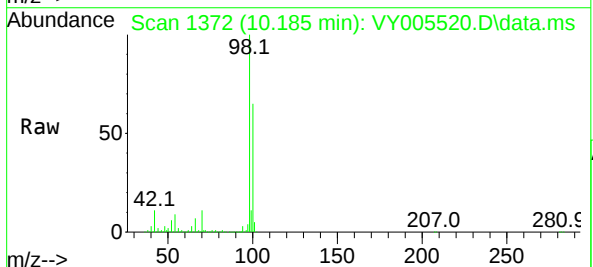
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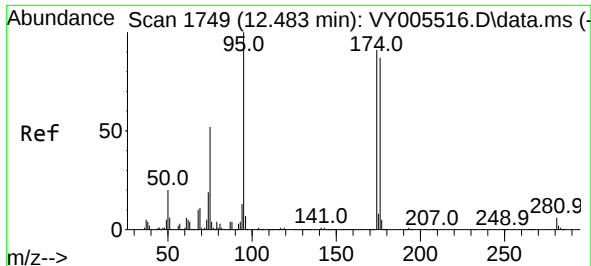
Tgt Ion:117 Resp: 24750
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.808 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

Tgt Ion: 98 Resp: 565607
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

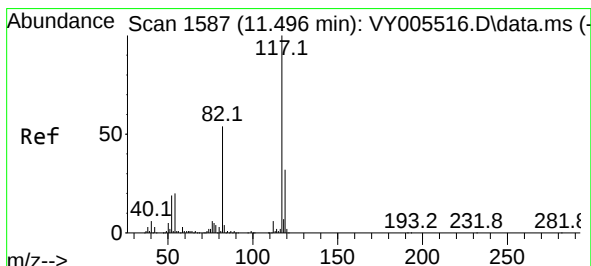
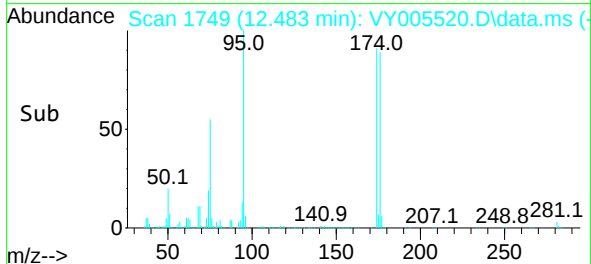
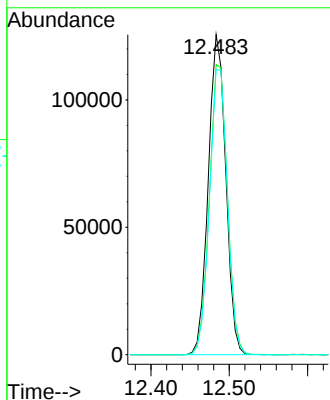
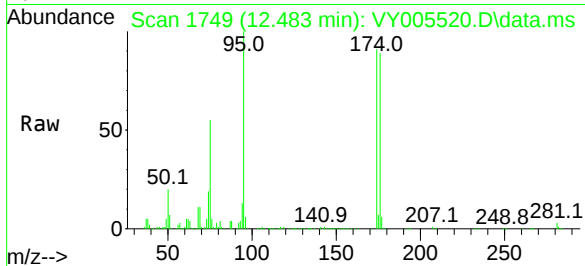




#62
4-Bromofluorobenzene
Concen: 55.862 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

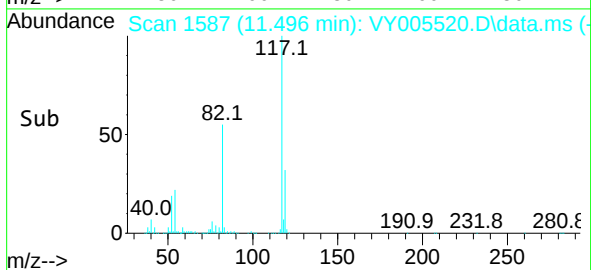
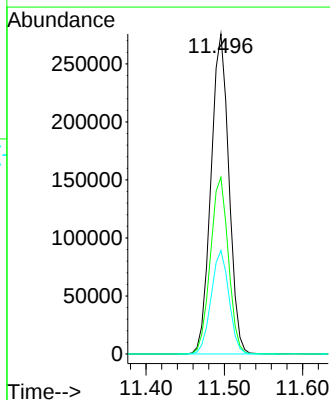
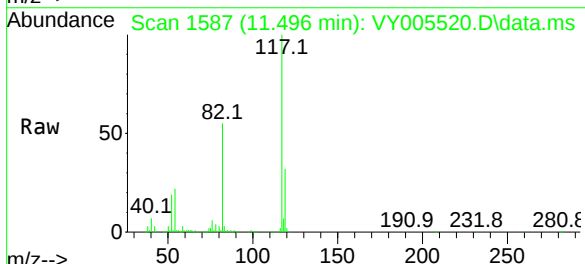
Instrument :
MSVOA_Y
ClientSampleId :
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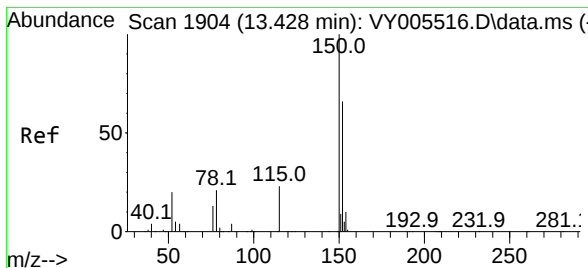
Tgt Ion:	95	Resp:	194450
Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	191.4
176	91.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

Tgt Ion:	117	Resp:	438578
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.5	65.3
119	32.3	25.5	38.3

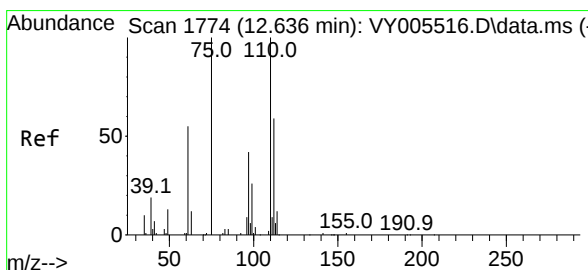
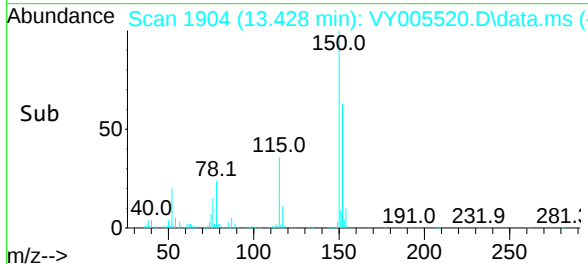
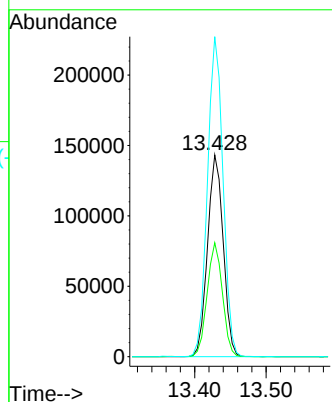
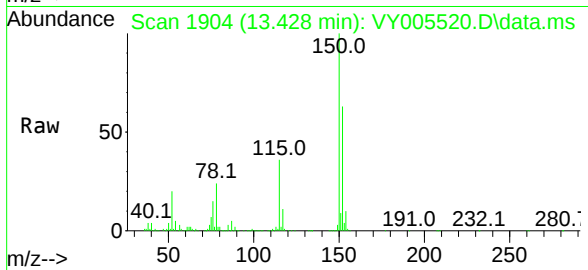




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

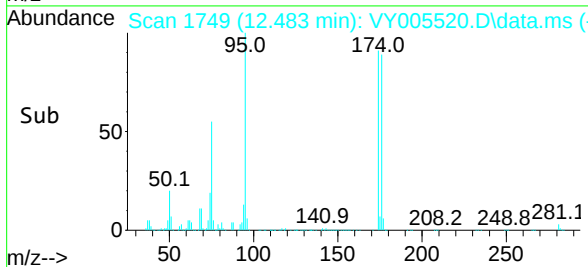
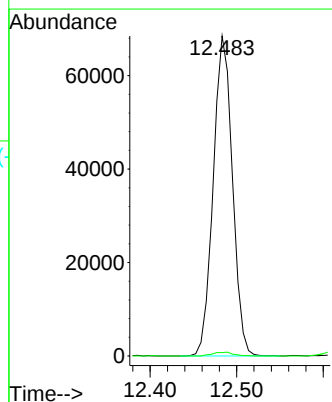
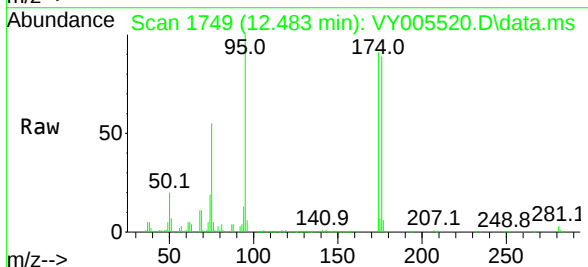
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

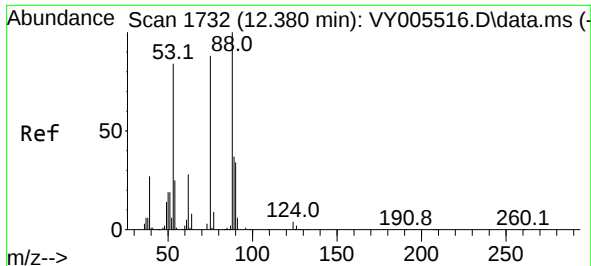
Tgt Ion:152 Resp: 218310
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 157.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 46.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

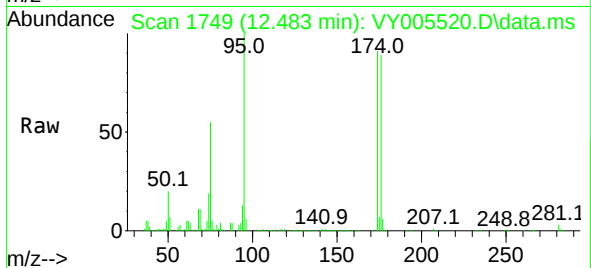
Tgt Ion: 75 Resp: 105470
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



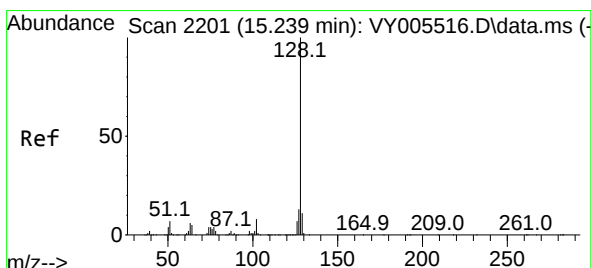
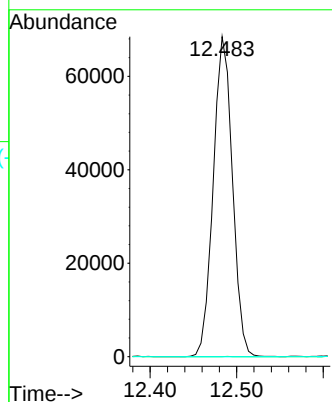
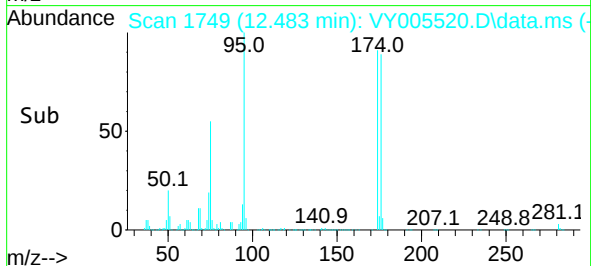


#81
trans-1,4-Dichloro-2-butene
Concen: 93.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43

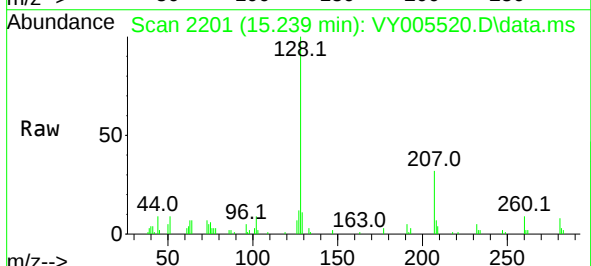
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01



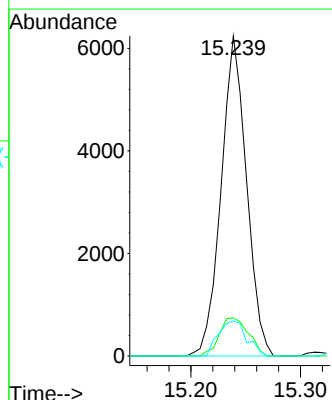
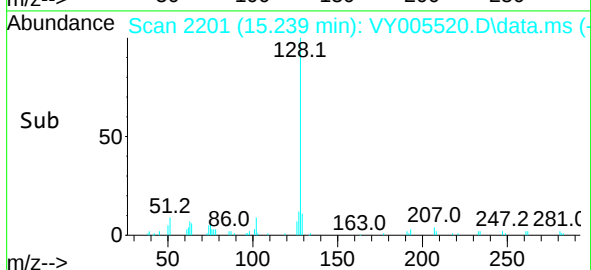
Tgt Ion: 75 Resp: 105470
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

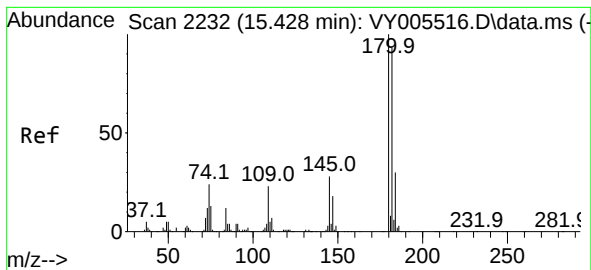


#95
Naphthalene
Concen: 1.149 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005520.D
Acq: 02 Aug 2021 14:43



Tgt Ion: 128 Resp: 10038
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 12.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.273 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY005520.D
 Acq: 02 Aug 2021 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.9	143.6
145	28.3	14.6	44.0

