

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005230.D
 Acq On : 25 Jun 2021 16:51
 Operator : SY/MD
 Sample : M2856-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Jun 26 05:13:06 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)

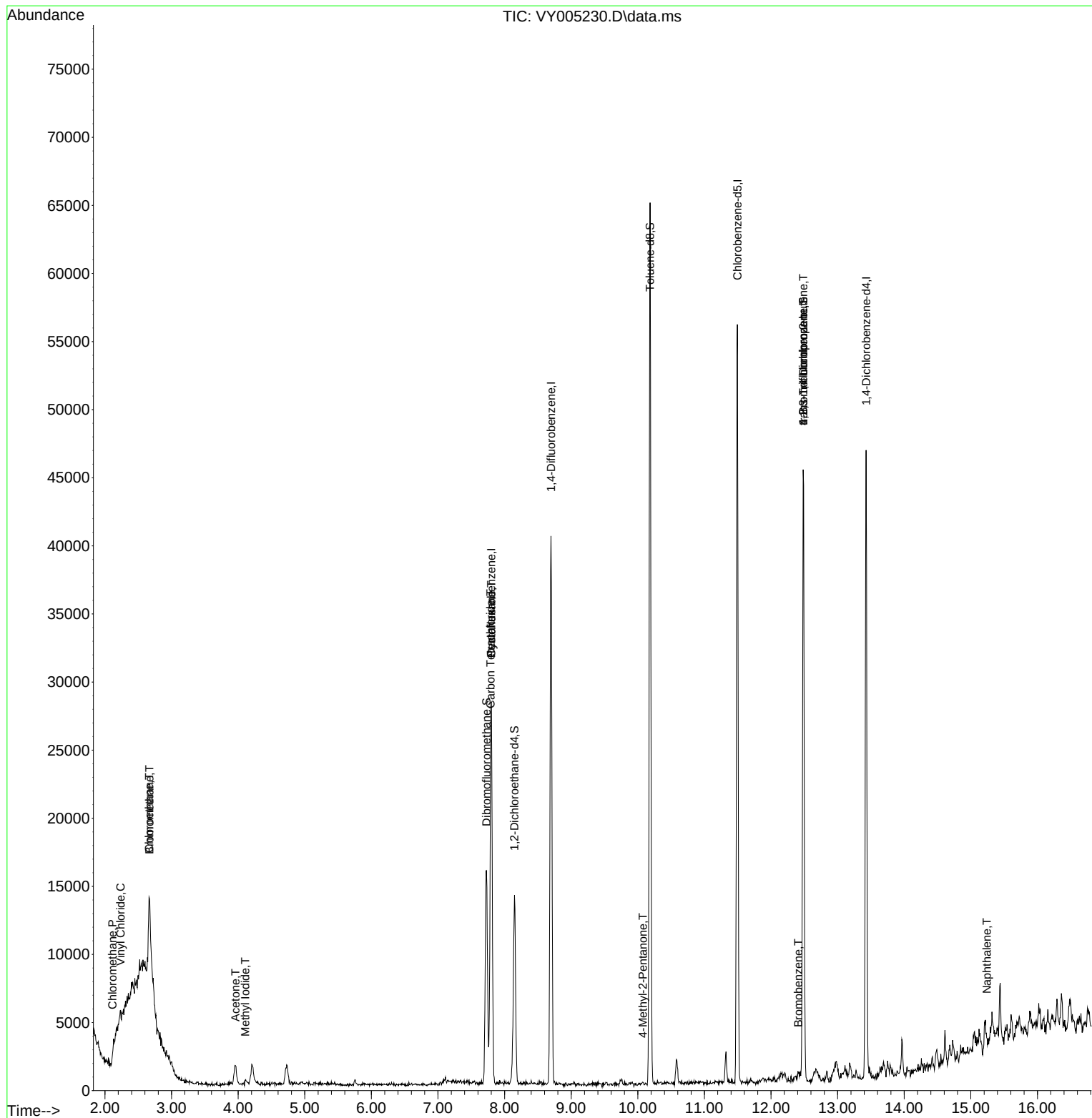
Internal Standards						
1) Pentafluorobenzene	7.801	168	24573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	35939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	32229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	10454	51.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.728	113	11536	54.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.860%	
50) Toluene-d8	10.185	98	42973	50.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.483	95	11830	41.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.760%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	280	1.301	ug/l #	40
4) Vinyl Chloride	2.235	62	2373	9.645	ug/l #	80
5) Bromomethane	2.668	94	482	3.089	ug/l	93
6) Chloroethane	2.662	64	9688	60.213	ug/l #	52
10) Methyl Iodide	4.106	142	667	2.328	ug/l #	67
11) Tert butyl alcohol	4.960	59	248	Below Cal	#	77
16) Acetone	3.960	43	2614	55.489	ug/l #	88
20) Methylene Chloride	4.728	84	1139	Below Cal	#	89
31) Cyclohexane	7.801	56	407	1.118	ug/l #	24
38) Carbon Tetrachloride	7.789	117	2172	6.556	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	225	1.433	ug/l #	64
76) 1,2,3-Trichloropropane	12.483	75	5977	53.321	ug/l #	100
77) Bromobenzene	12.410	156	713	3.278	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	5977	99.486	ug/l #	17
95) Naphthalene	15.239	128	496	1.036	ug/l #	84

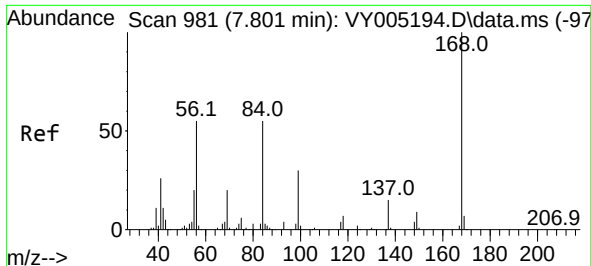
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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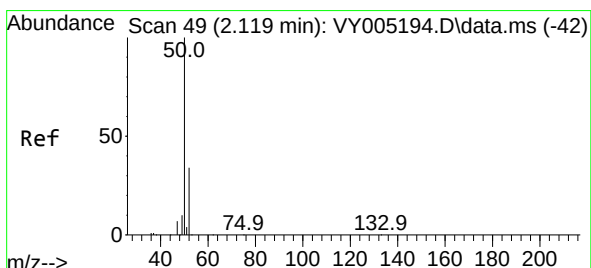
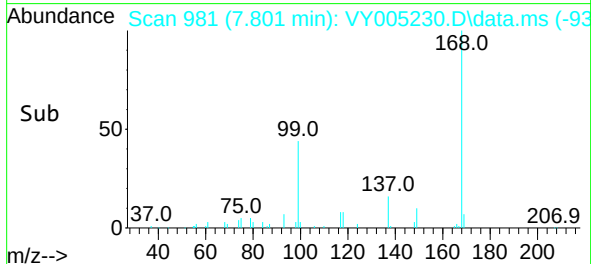
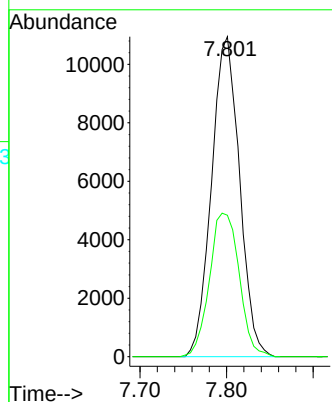
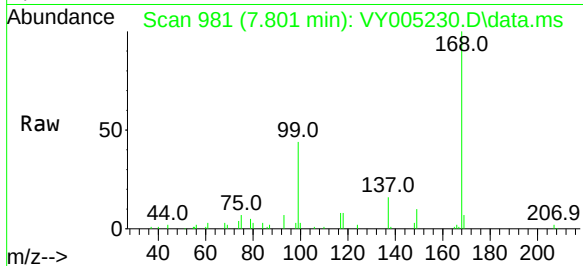




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

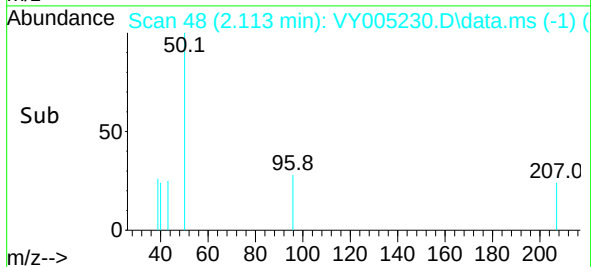
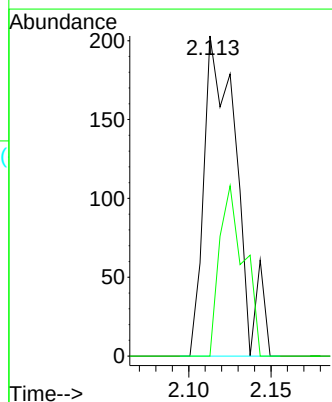
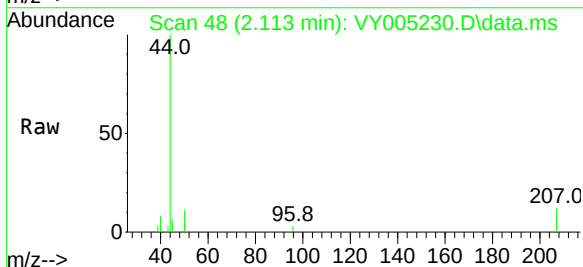
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

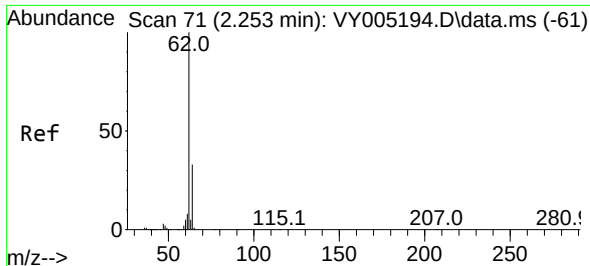
Tgt Ion:168 Resp: 24573
Ion Ratio Lower Upper
168 100
99 44.2 36.2 54.4



#3
Chloromethane
Concen: 1.301 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion: 50 Resp: 280
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

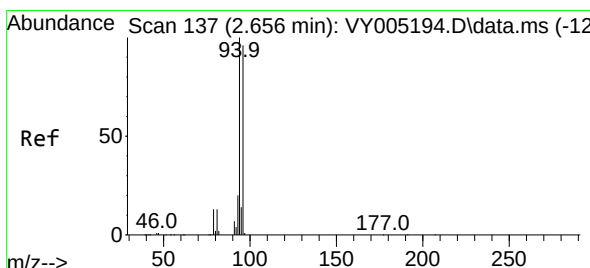
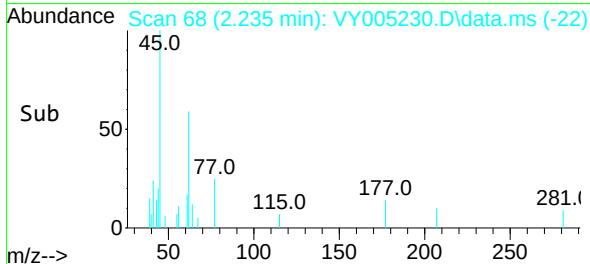
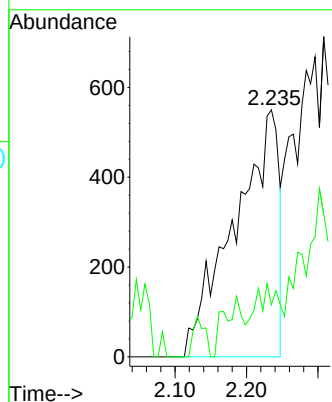
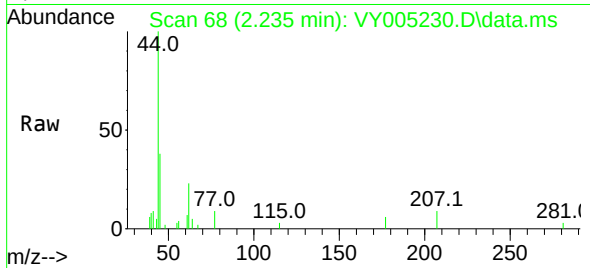




#4
 Vinyl Chloride
 Concen: 9.645 ug/l
 RT: 2.235 min Scan# 68
 Delta R.T. -0.018 min
 Lab File: VY005230.D
 Acq: 25 Jun 2021 16:51

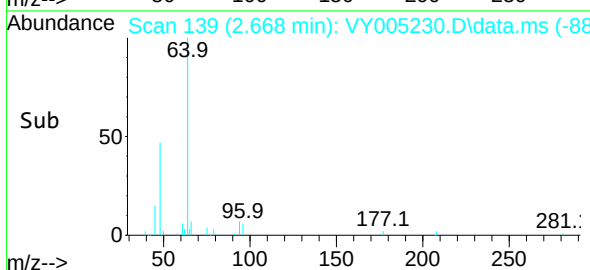
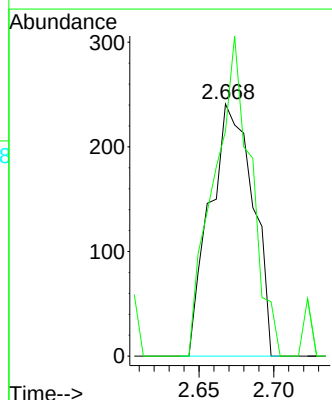
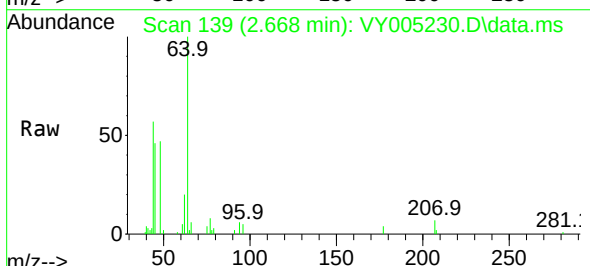
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

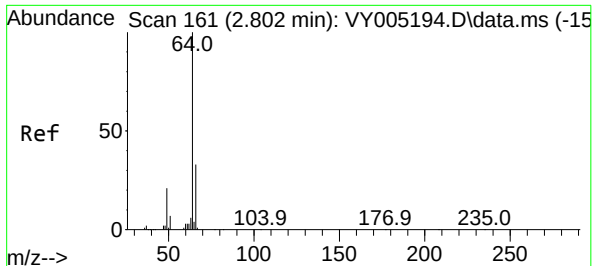
Tgt Ion: 62 Resp: 2373
 Ion Ratio Lower Upper
 62 100
 64 21.1 26.1 39.1#



#5
 Bromomethane
 Concen: 3.089 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY005230.D
 Acq: 25 Jun 2021 16:51

Tgt Ion: 94 Resp: 482
 Ion Ratio Lower Upper
 94 100
 96 89.2 76.9 115.3

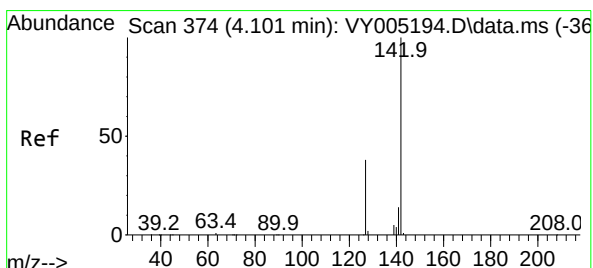
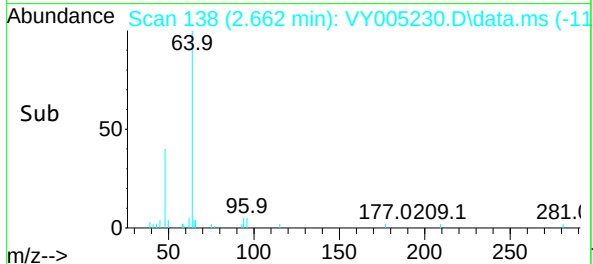
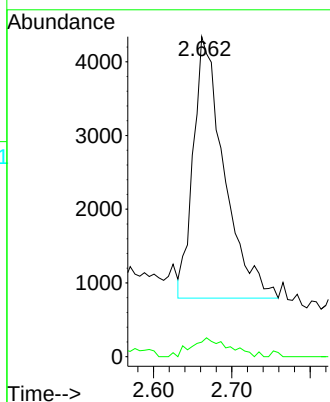
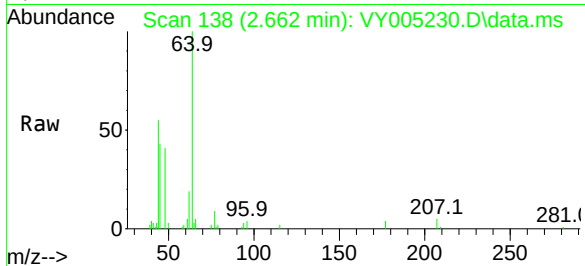




#6
Chloroethane
Concen: 60.213 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.140 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

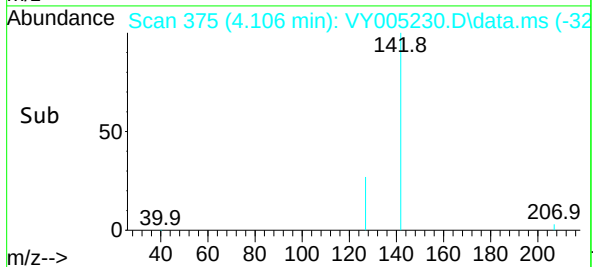
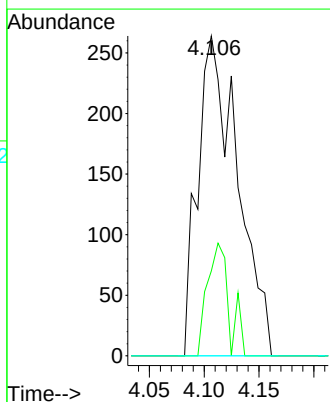
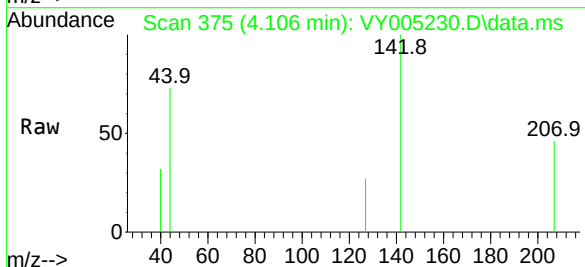
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

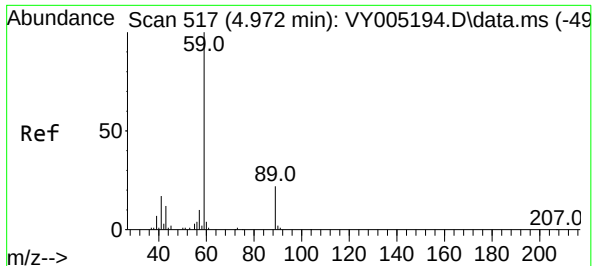
Tgt Ion: 64 Resp: 9688
Ion Ratio Lower Upper
64 100
66 5.6 25.9 38.9#



#10
Methyl Iodide
Concen: 2.328 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion:142 Resp: 667
Ion Ratio Lower Upper
142 100
127 19.2 31.3 46.9#
141 0.0 11.3 16.9#

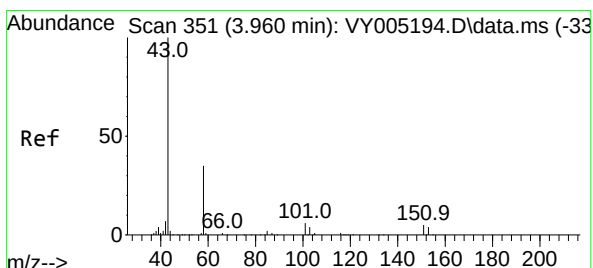
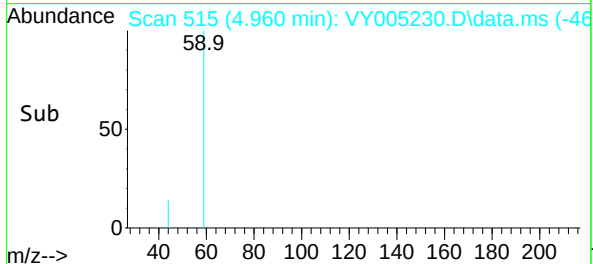
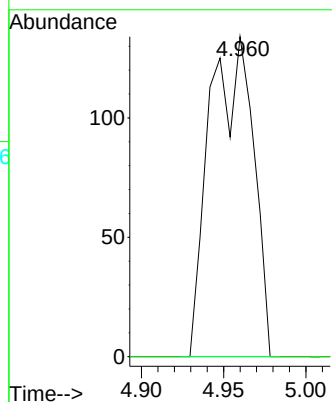
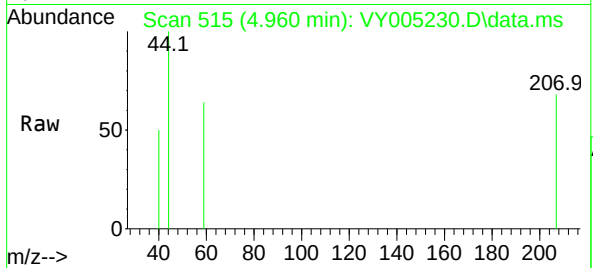




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

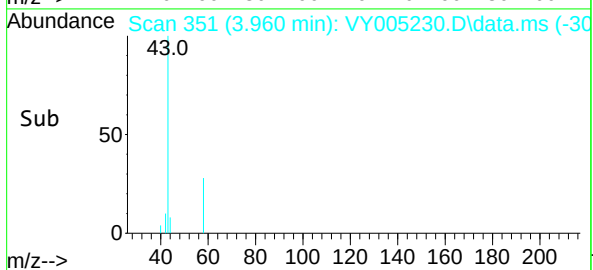
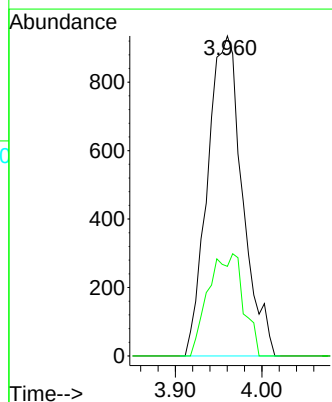
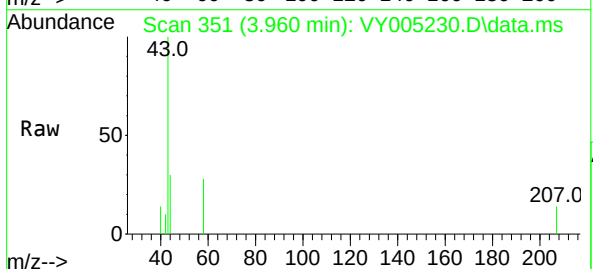
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

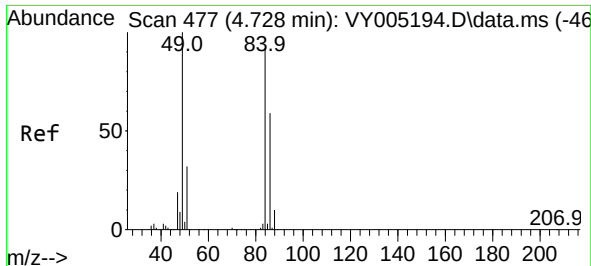
Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#16
Acetone
Concen: 55.489 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion: 43 Resp: 2614
Ion Ratio Lower Upper
43 100
58 28.0 28.2 42.2#

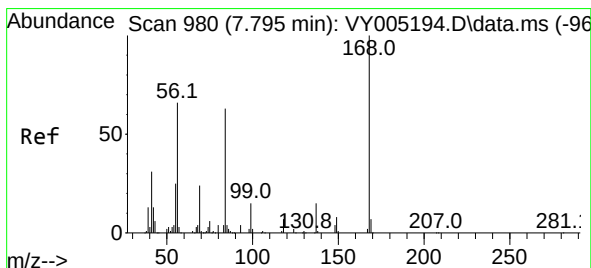
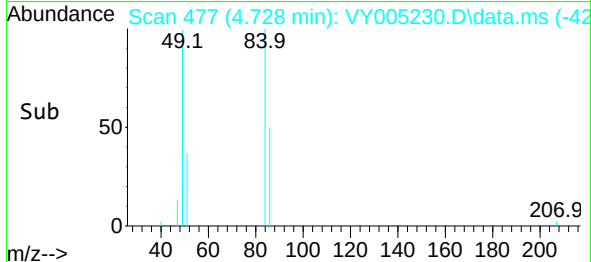
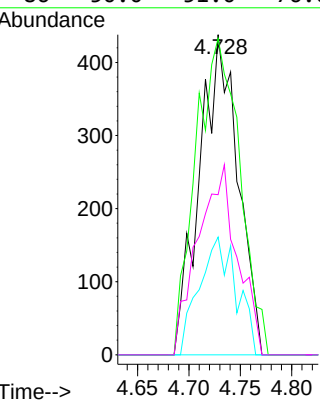
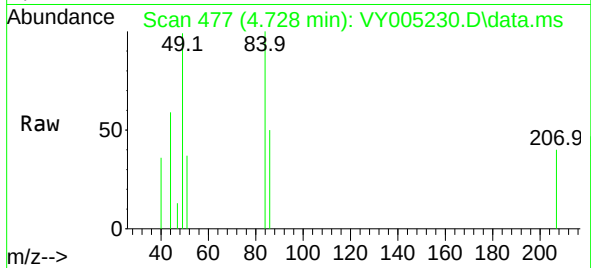




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

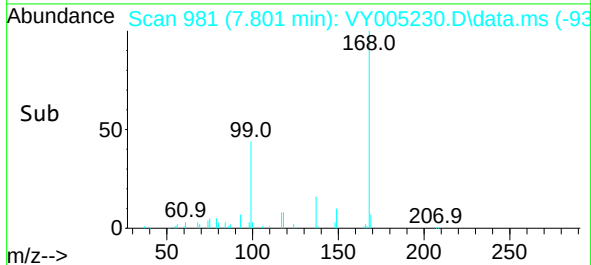
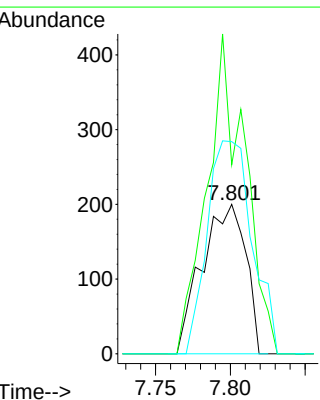
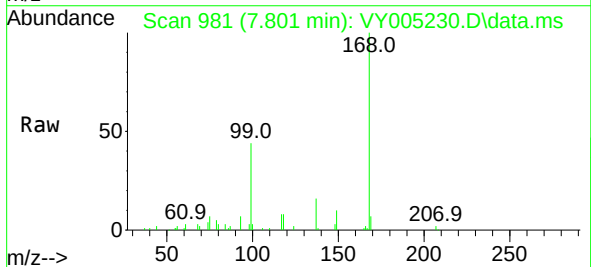
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

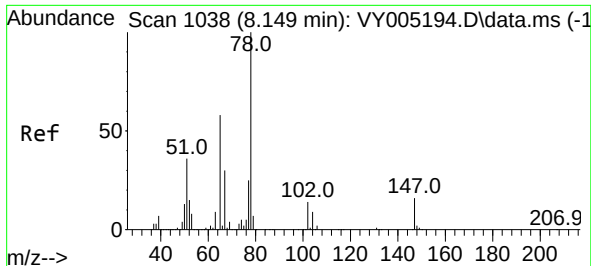
Tgt Ion:	84	Resp:	1139
Ion	Ratio	Lower	Upper
84	100		
49	98.9	86.9	130.3
51	36.8	27.4	41.2
86	50.0	51.0	76.6#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion:	56	Resp:	407
Ion	Ratio	Lower	Upper
56	100		
69	126.5	29.6	44.4#
84	142.0	76.4	114.6#

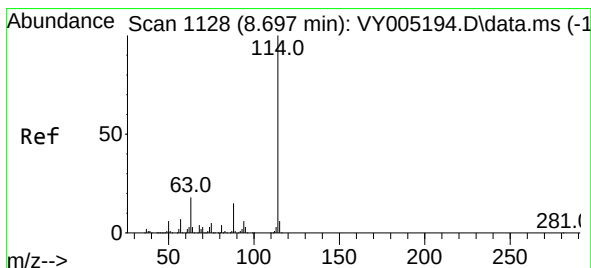
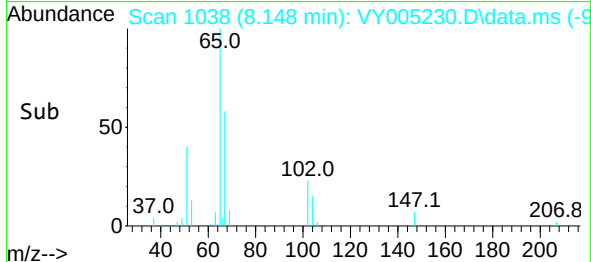
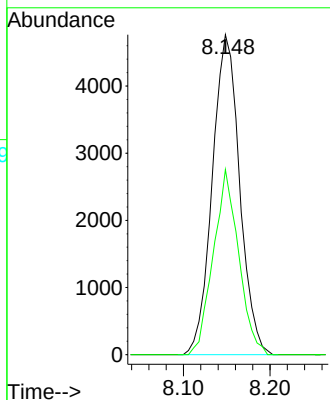
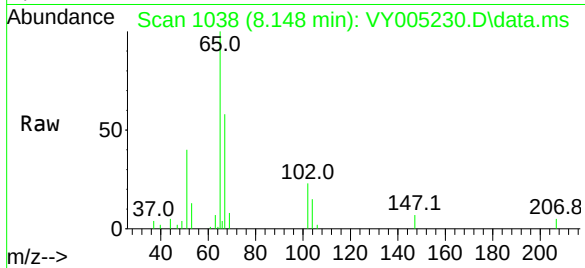




#33
1,2-Dichloroethane-d4
Concen: 51.265 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

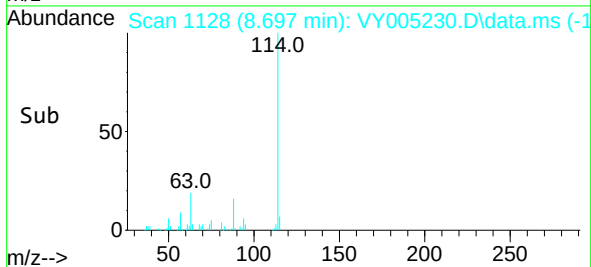
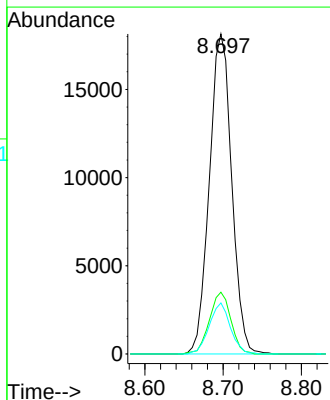
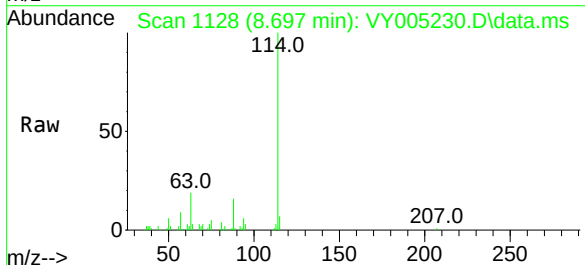
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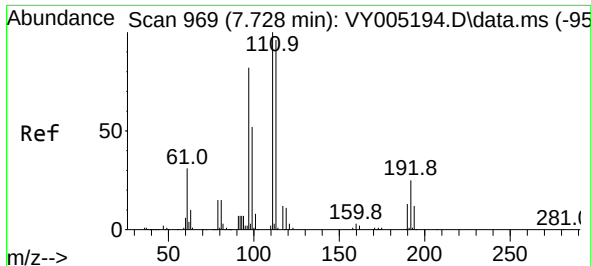
Tgt Ion: 65 Resp: 10454
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion: 114 Resp: 35939
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.2
88 16.0 0.0 29.4

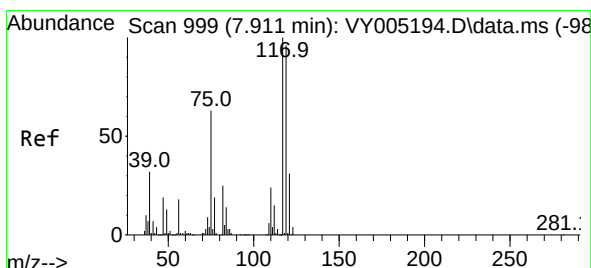
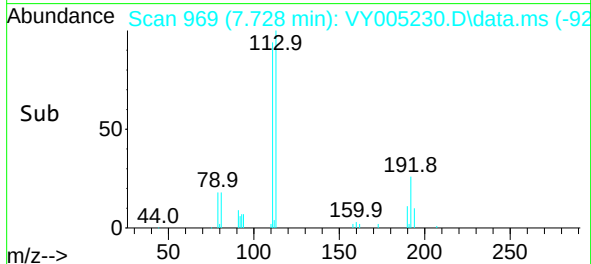
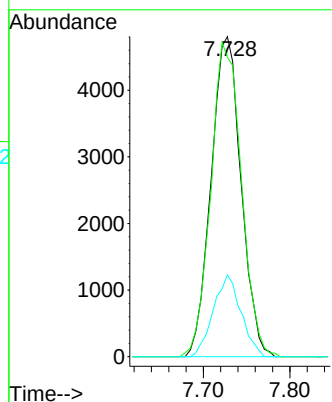
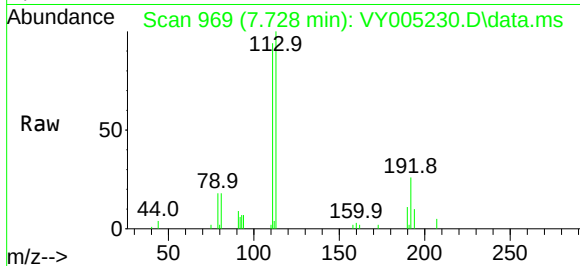




#35
Dibromofluoromethane
Concen: 54.427 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

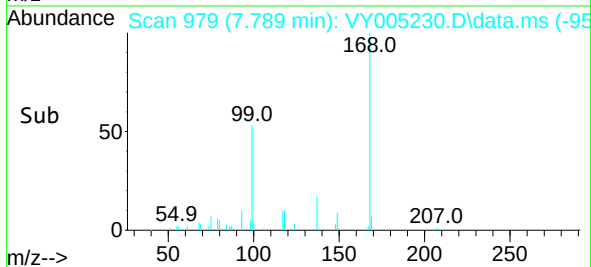
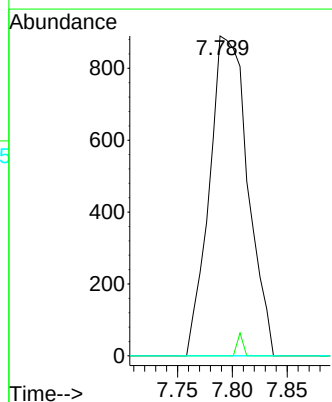
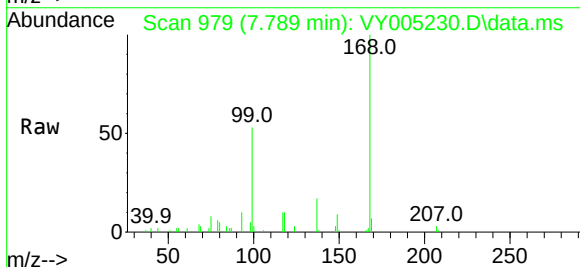
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

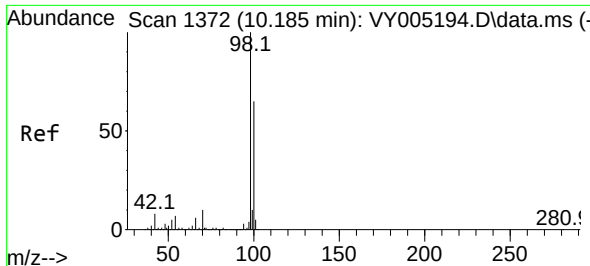
Tgt Ion:	113	Resp:	11536
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.6	124.0
192	23.6	20.2	30.2



#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion:	117	Resp:	2172
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.4#
121	0.0	24.7	37.1#

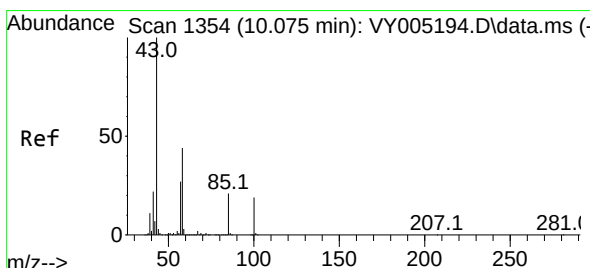
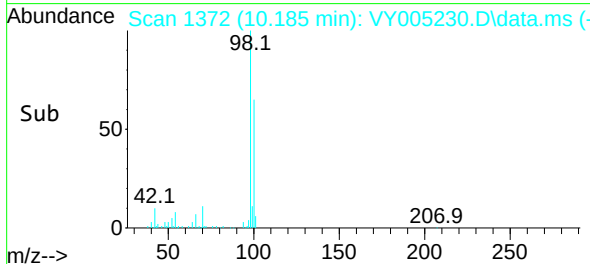
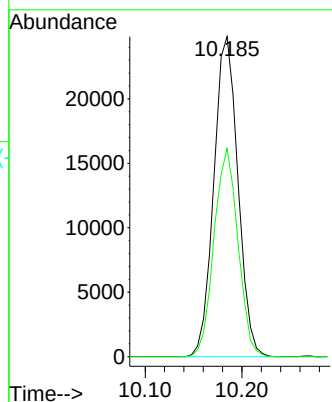
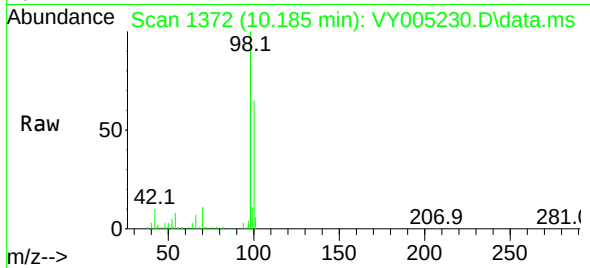




#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

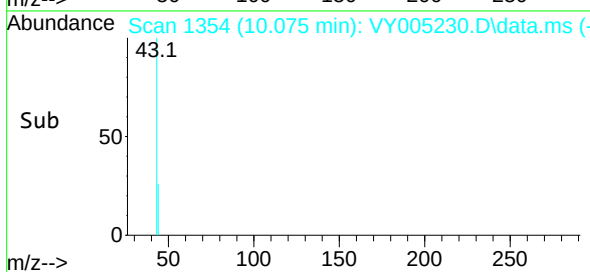
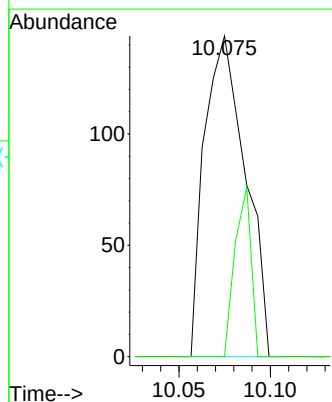
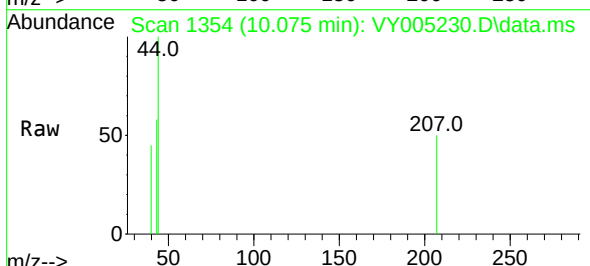
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

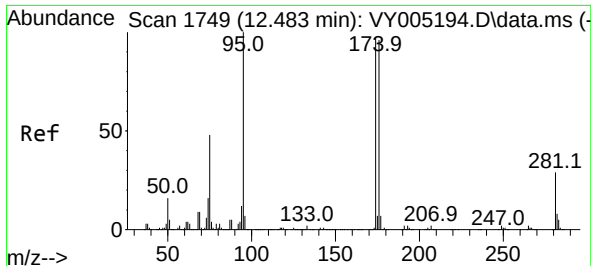
Tgt Ion: 98 Resp: 42973
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.433 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
58 20.9 35.3 52.9#

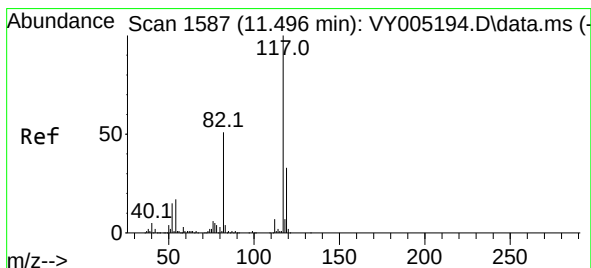
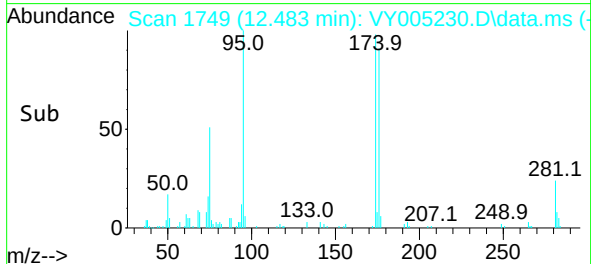
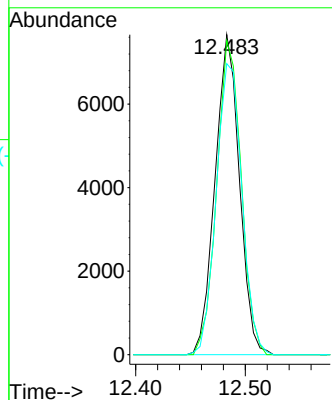
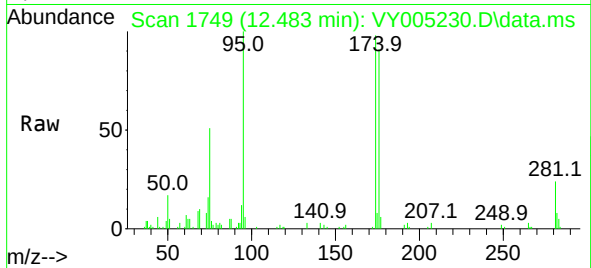




#62
4-Bromofluorobenzene
Concen: 41.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

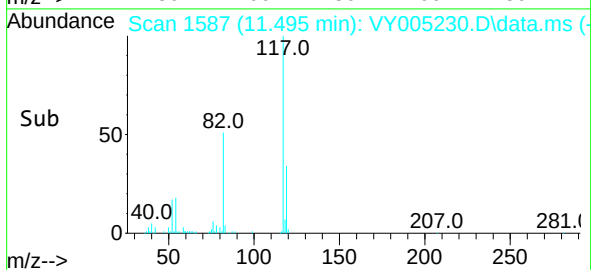
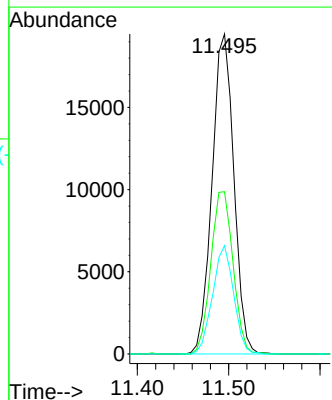
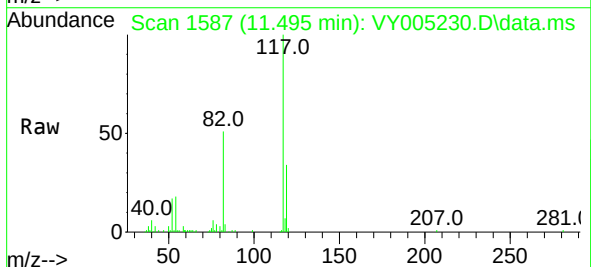
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

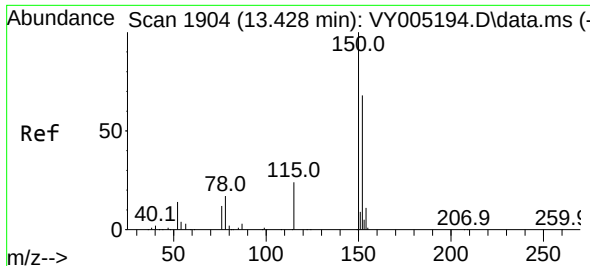
Tgt Ion:	95	Resp:	11830
Ion Ratio	Lower	Upper	
95	100		
174	98.4	0.0	201.6
176	96.1	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion:	117	Resp:	32229
Ion Ratio	Lower	Upper	
117	100		
82	50.7	40.6	60.8
119	33.9	26.1	39.1

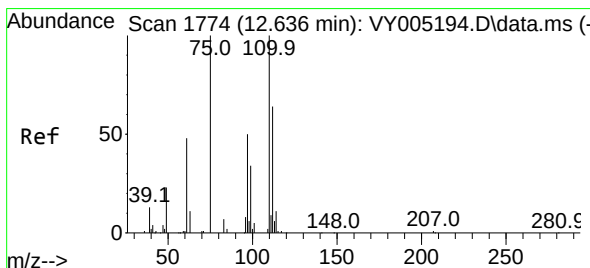
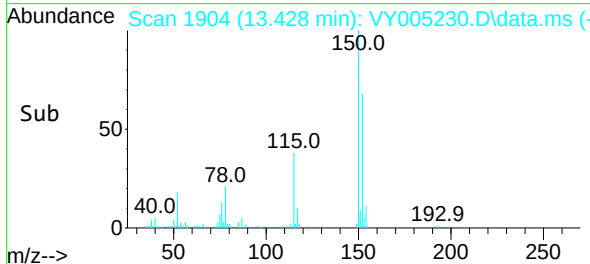
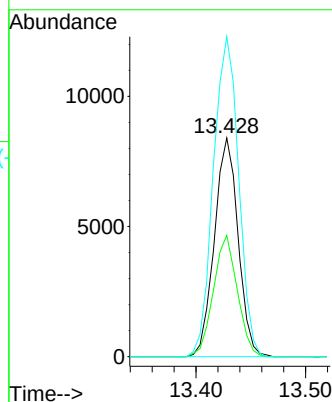
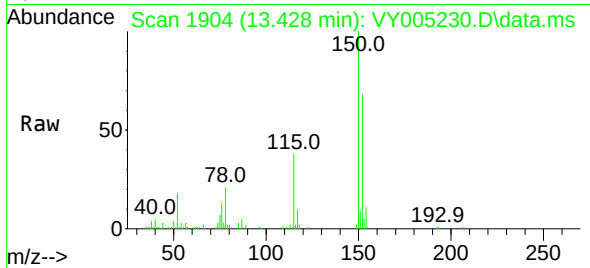




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

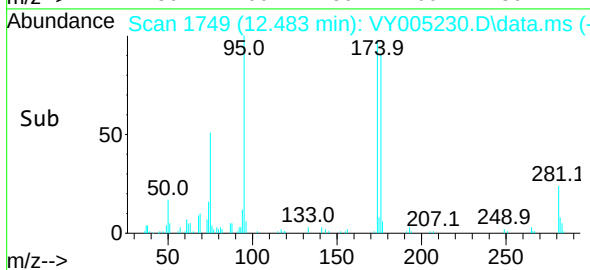
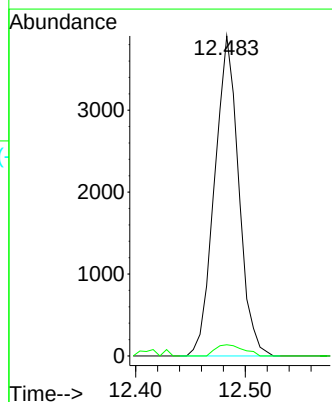
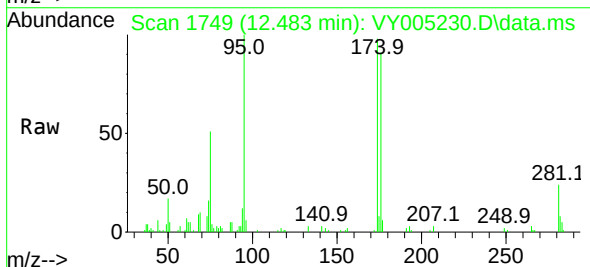
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

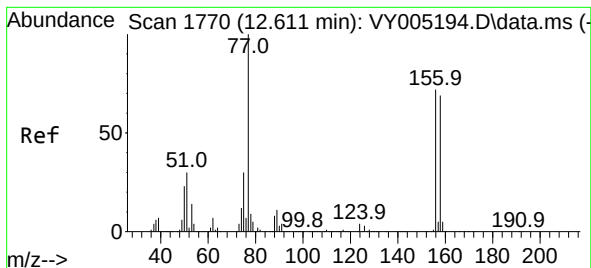
Tgt Ion:152 Resp: 12639
Ion Ratio Lower Upper
152 100
115 55.9 26.3 78.8
150 155.6 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 53.321 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Tgt Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
77 4.1 0.0 0.0#





#77

Bromobenzene

Concen: 3.278 ug/l

RT: 12.410 min Scan# 1737

Delta R.T. -0.201 min

Lab File: VY005230.D

Acq: 25 Jun 2021 16:51

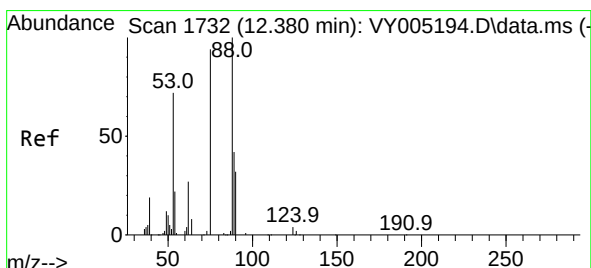
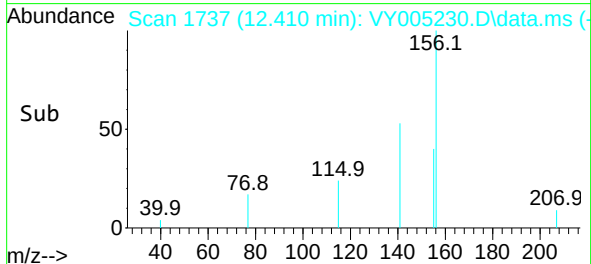
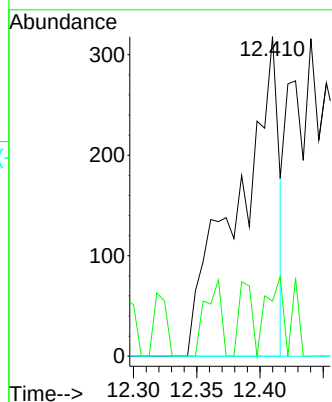
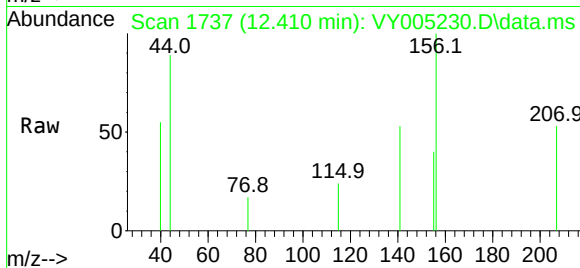
Instrument :

MSVOA_Y

ClientSampleId :

SB-01-9.5-10.0

Tgt Ion:	156	Resp:	713
Ion	Ratio	Lower	Upper
156	100		
77	14.0	78.5	235.7#
158	0.0	48.2	144.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.486 ug/l

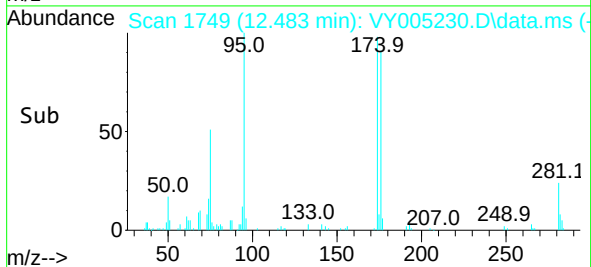
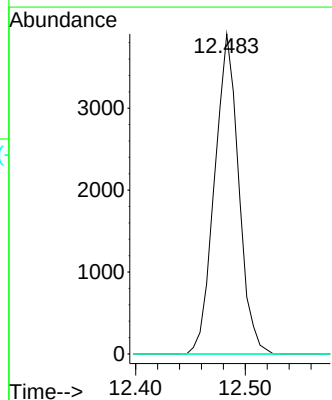
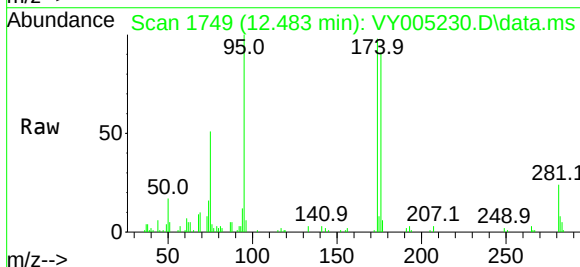
RT: 12.483 min Scan# 1749

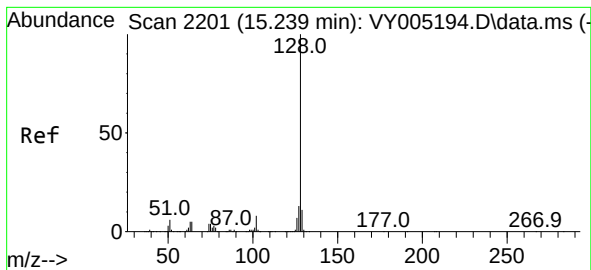
Delta R.T. 0.103 min

Lab File: VY005230.D

Acq: 25 Jun 2021 16:51

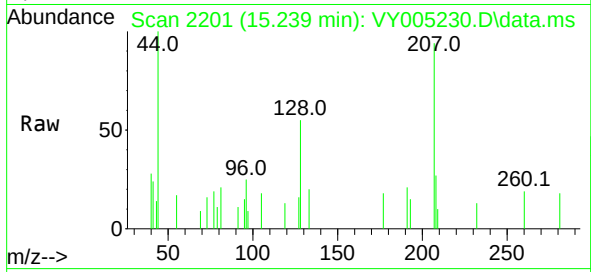
Tgt Ion:	75	Resp:	5977
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#





#95
Naphthalene
Concen: 1.036 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005230.D
Acq: 25 Jun 2021 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0



Tgt Ion:	128	Resp:	496
Ion Ratio	100	Lower	Upper
127	10.7	10.2	15.4
129	0.0	8.7	13.1#

