

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006119.D
 Acq On : 23 Sep 2021 12:58
 Operator : SY/MD
 Sample : M3881-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-092221

Quant Time: Sep 24 07:28:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

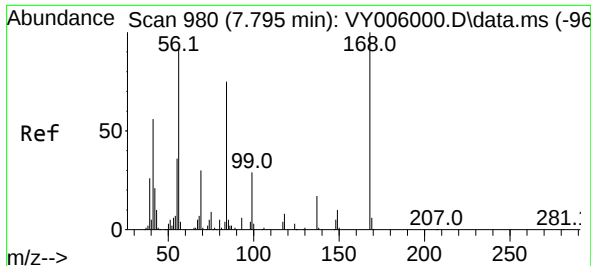
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	18040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6344	25.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	50.640%
35) Dibromofluoromethane	7.716	113	5560	37.440	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.880%
50) Toluene-d8	10.179	98	27316	43.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.320%
62) 4-Bromofluorobenzene	12.483	95	5547	25.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	439	2.381	ug/l #	61
20) Methylene Chloride	4.722	84	866	Below Cal	#	51
36) 1,1-Dichloropropene	7.801	75	1398	5.417	ug/l #	46
38) Carbon Tetrachloride	7.795	117	1728	6.151	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	2846	53.386	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2846	98.151	ug/l #	7
86) p-Isopropyltoluene	13.379	119	364	1.026	ug/l #	64
87) 1,3-Dichlorobenzene	13.367	146	283	1.606	ug/l	93
88) 1,4-Dichlorobenzene	13.453	146	319	1.805	ug/l	95
89) n-Butylbenzene	13.696	91	392	1.181	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	252	1.629	ug/l #	75
93) 1,2,4-Trichlorobenzene	15.007	180	256	2.549	ug/l	94
94) Hexachlorobutadiene	15.111	225	121	1.862	ug/l #	29
95) Naphthalene	15.239	128	613	3.069	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.422	180	286	3.286	ug/l	91

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

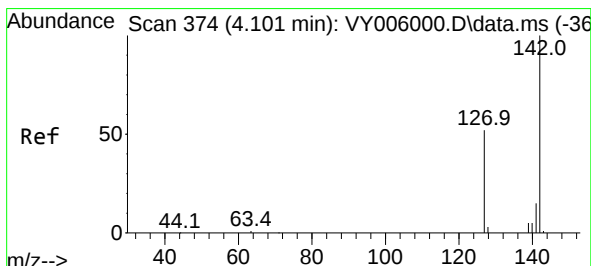
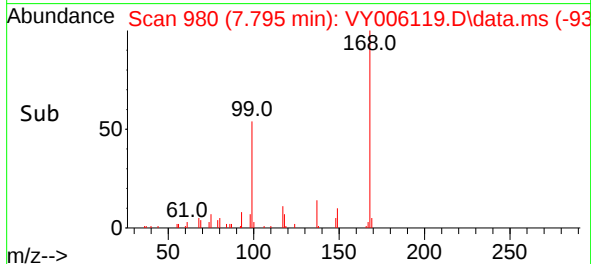
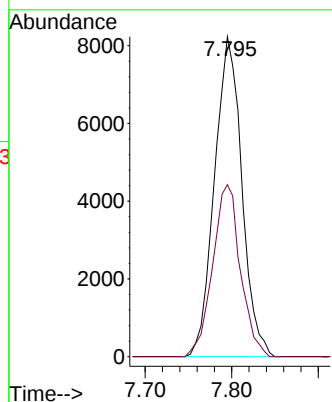
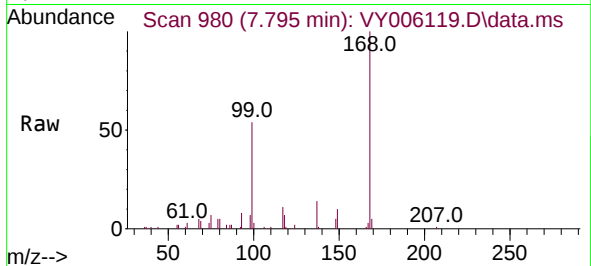




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

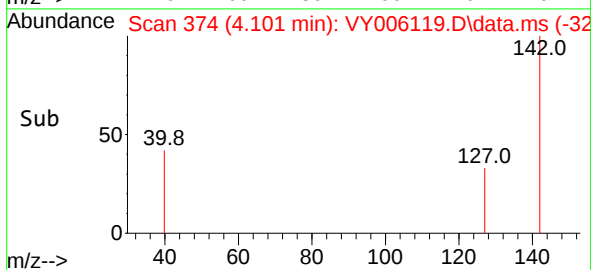
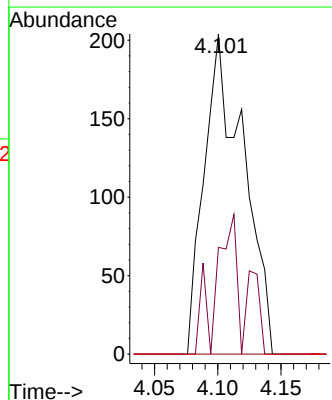
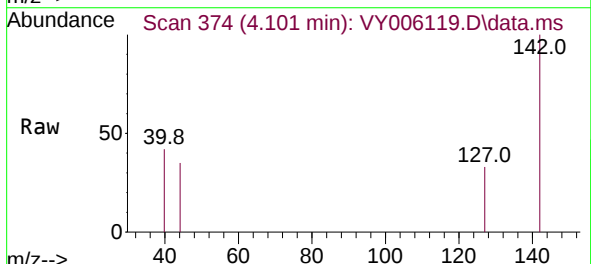
Instrument :
MSVOA_Y
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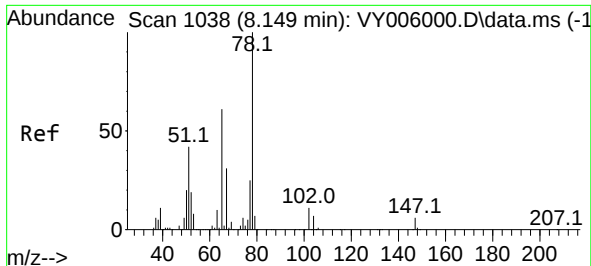
Tgt Ion:168 Resp: 18040
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#10
Methyl Iodide
Concen: 2.381 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 23.5 41.5 62.3#
141 0.0 11.9 17.9#

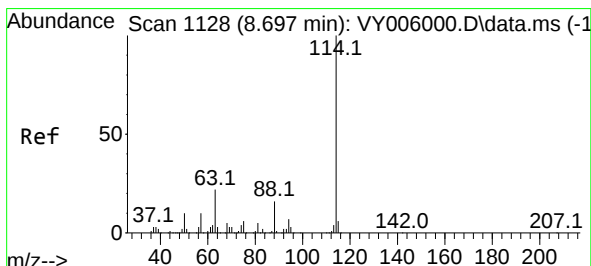
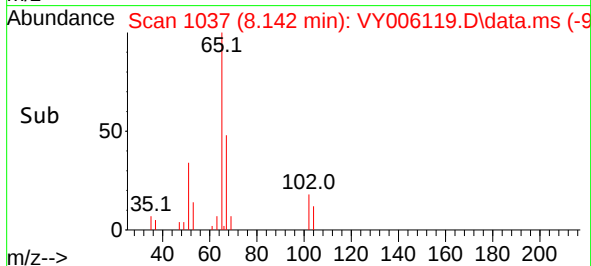
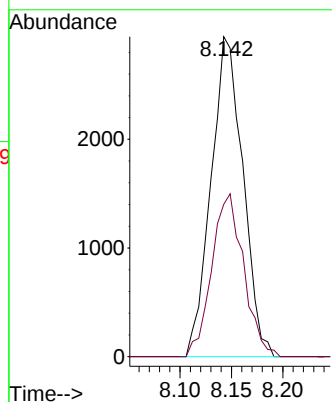
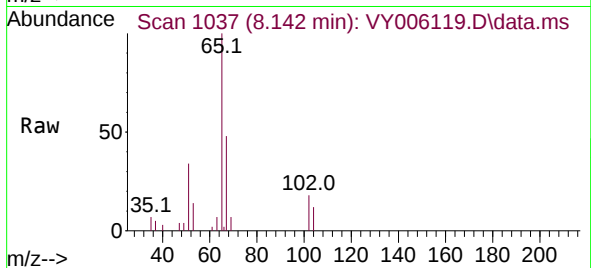




#33
 1,2-Dichloroethane-d4
 Concen: 25.317 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY006119.D
 Acq: 23 Sep 2021 12:58

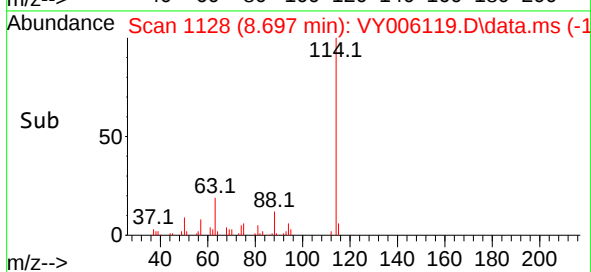
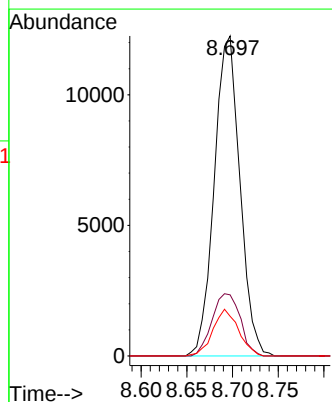
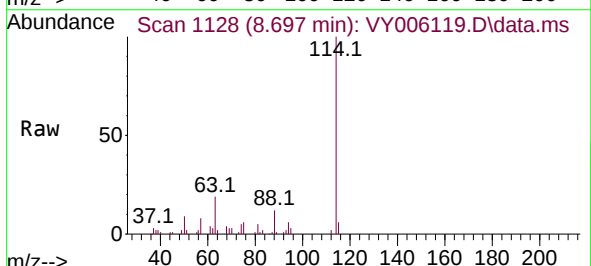
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-092221

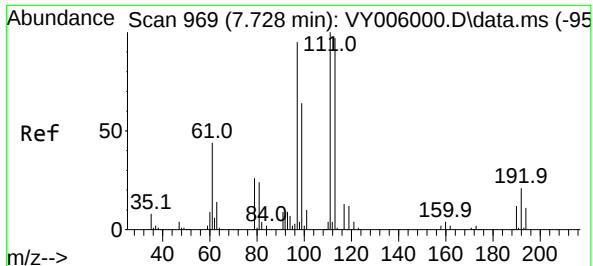
Tgt Ion: 65 Resp: 6344
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006119.D
 Acq: 23 Sep 2021 12:58

Tgt Ion: 114 Resp: 23909
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 12.4 0.0 31.8

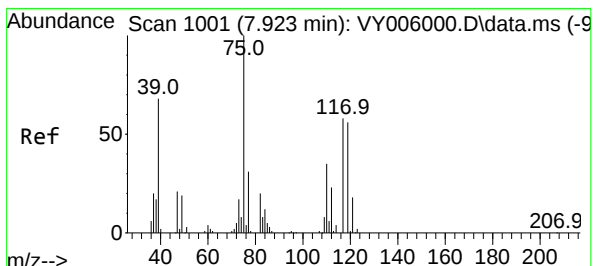
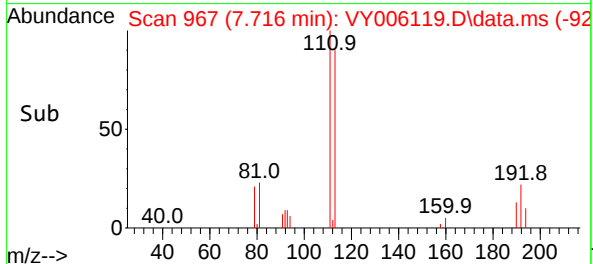
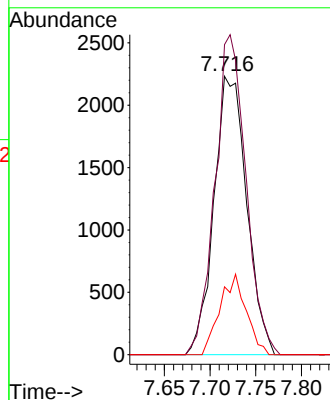
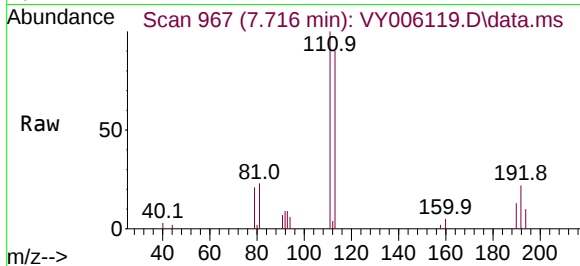




#35
Dibromofluoromethane
Concen: 37.440 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

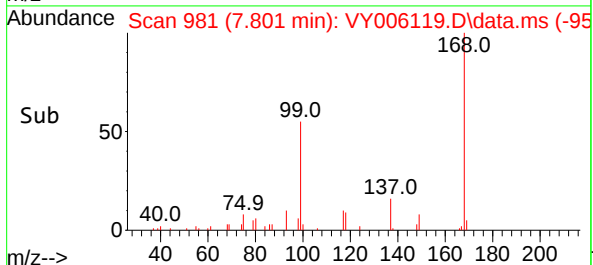
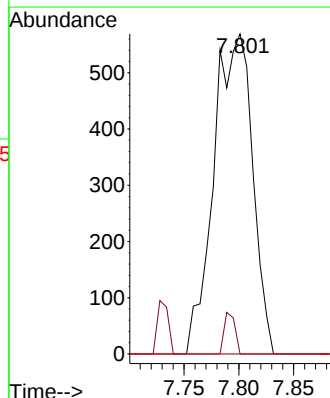
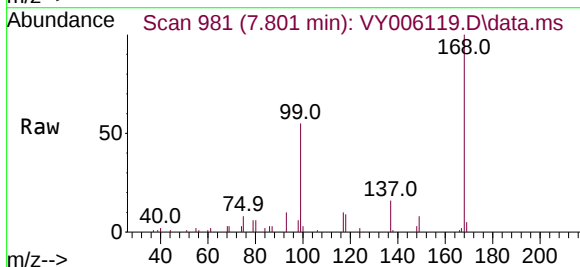
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

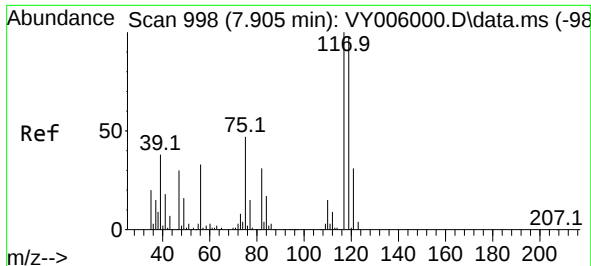
Tgt Ion:	113	Resp:	5560
Ion	Ratio	Lower	Upper
113	100		
111	108.6	82.6	124.0
192	23.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

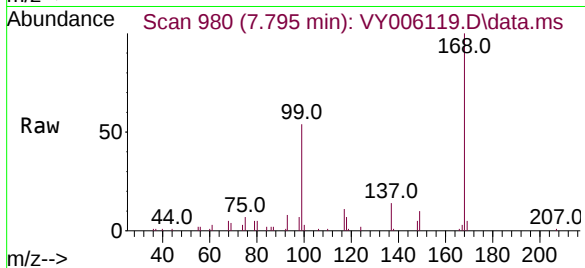
Tgt Ion:	75	Resp:	1398
Ion	Ratio	Lower	Upper
75	100		
110	3.6	17.1	51.2#
77	0.0	24.4	36.6#



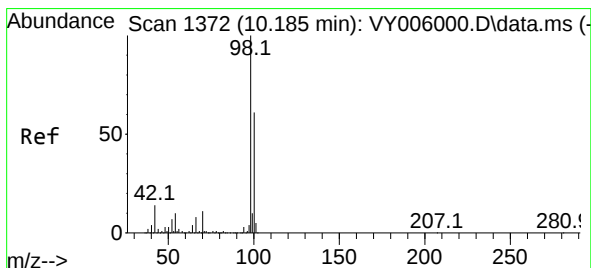
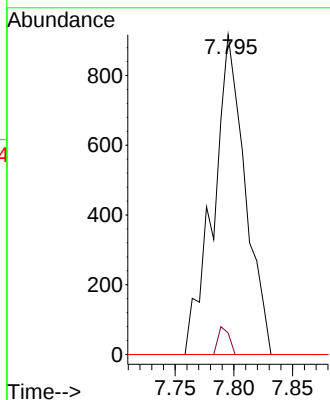
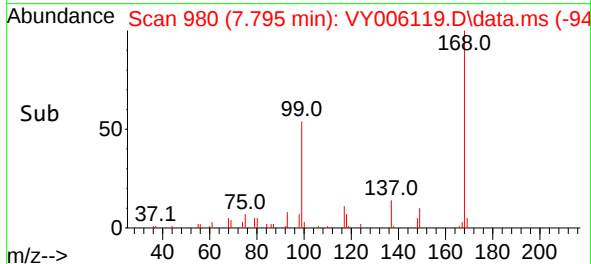


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

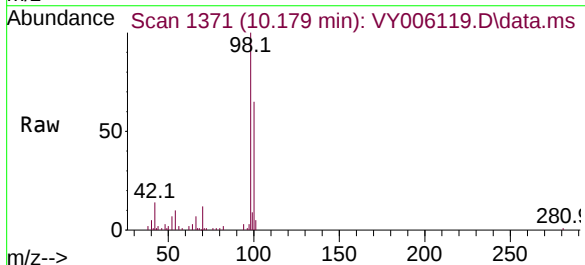
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221



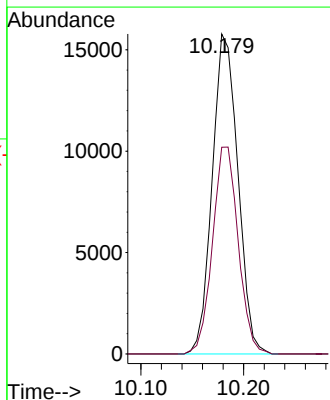
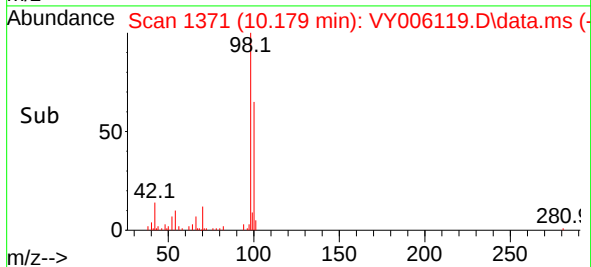
Tgt Ion: 117 Resp: 1728
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

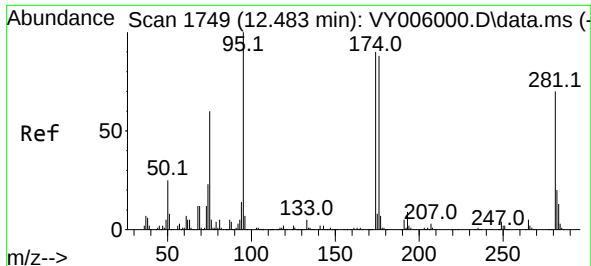


#50
Toluene-d8
Concen: 43.158 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58



Tgt Ion: 98 Resp: 27316
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

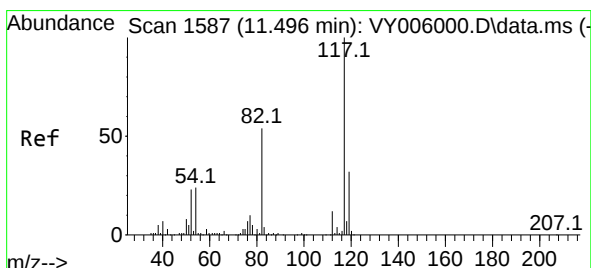
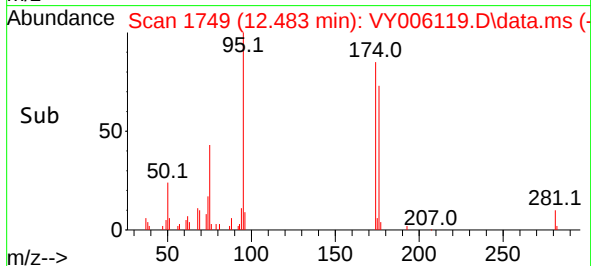
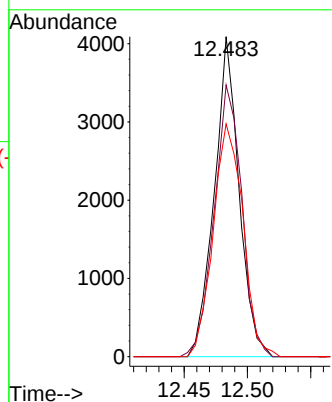
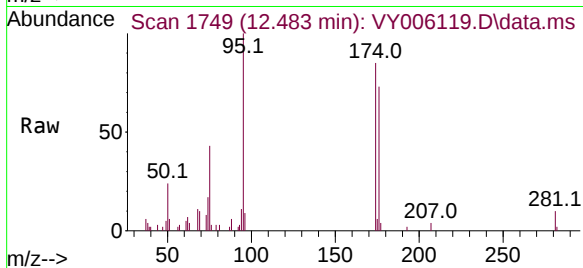




#62
4-Bromofluorobenzene
Concen: 25.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

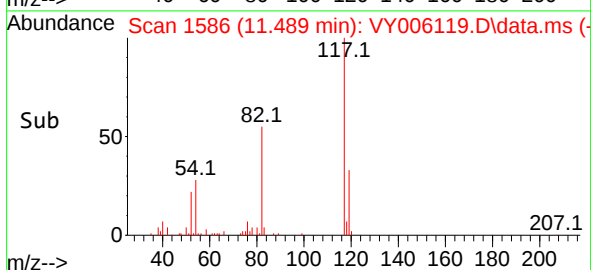
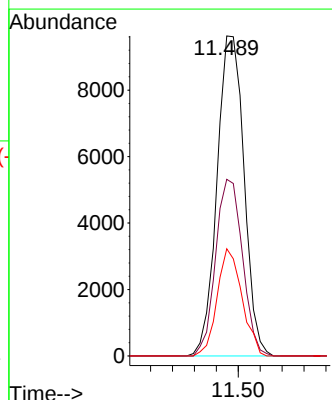
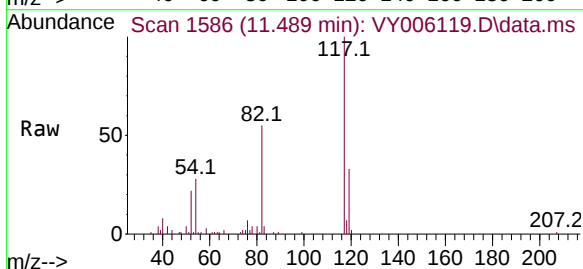
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

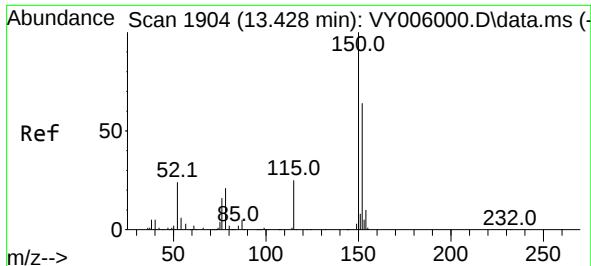
Tgt Ion: 95 Resp: 5547
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 87.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion: 117 Resp: 16511
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 33.5 25.4 38.0

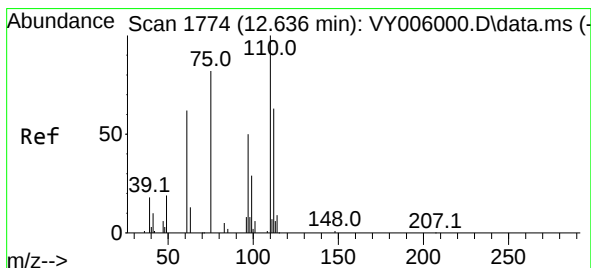
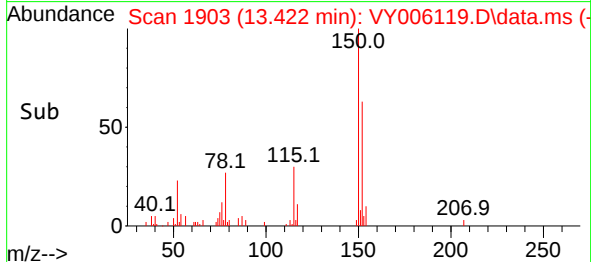
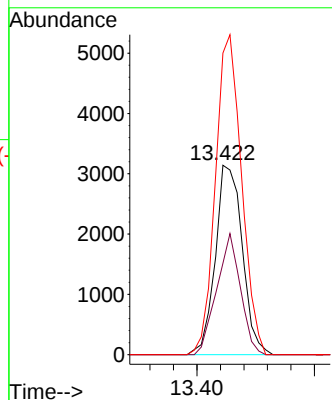
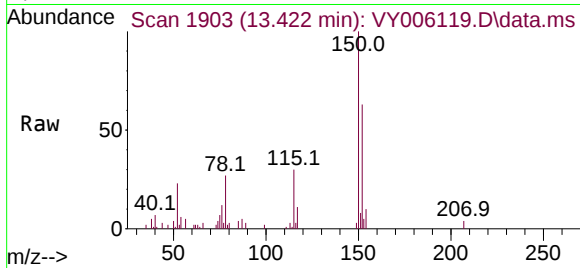




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

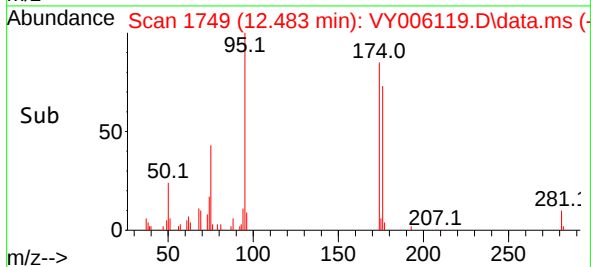
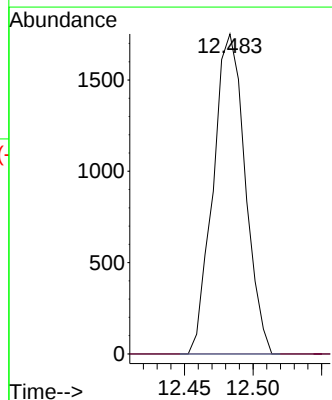
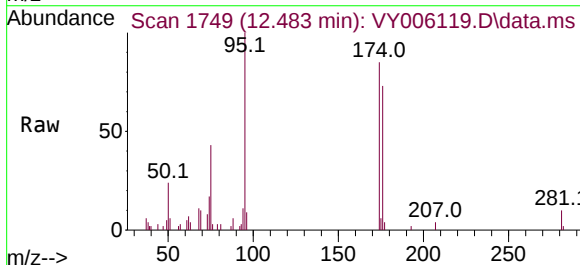
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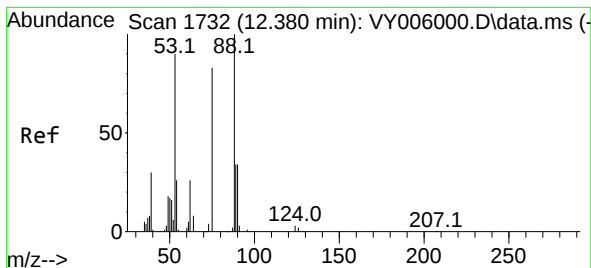
Tgt Ion:152 Resp: 5000
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 163.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion: 75 Resp: 2846
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

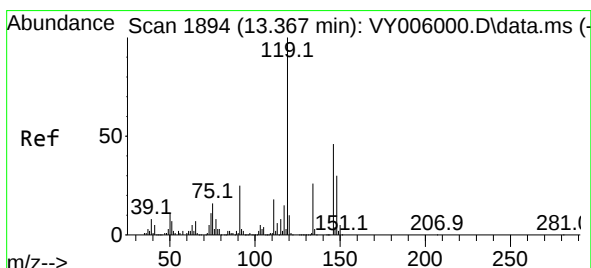
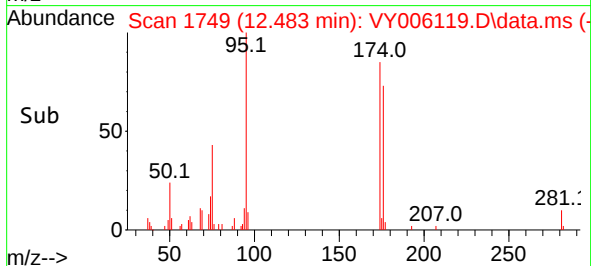
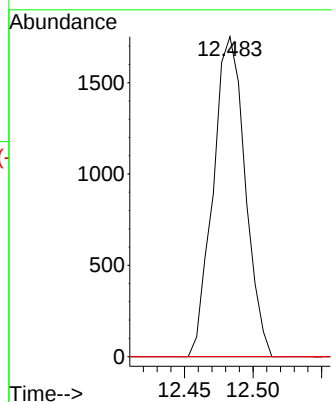
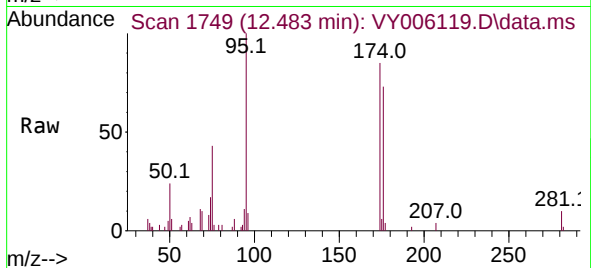




#81
trans-1,4-Dichloro-2-butene
Concen: 98.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

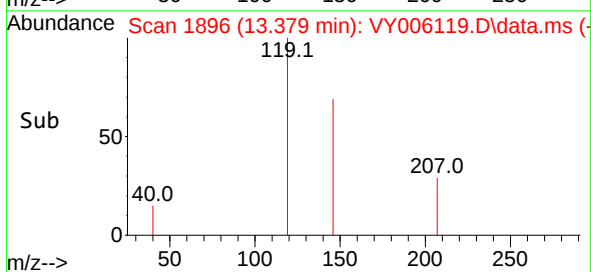
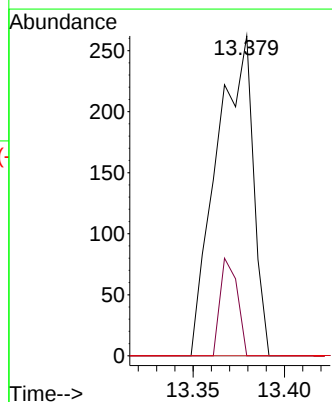
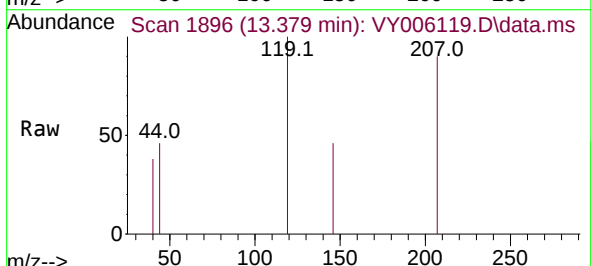
Instrument :
MSVOA_Y
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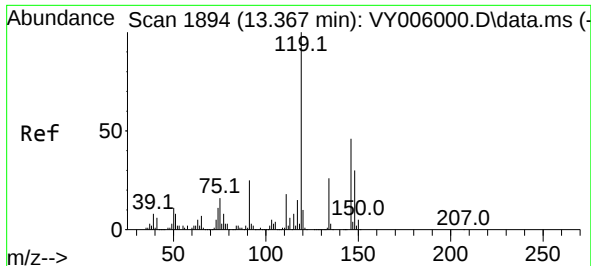
Tgt Ion: 75 Resp: 2846
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#86
p-Isopropyltoluene
Concen: 1.026 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.012 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion: 119 Resp: 364
Ion Ratio Lower Upper
119 100
134 14.3 13.2 39.5
91 0.0 12.4 37.2#

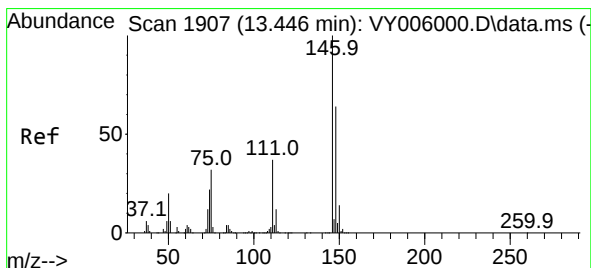
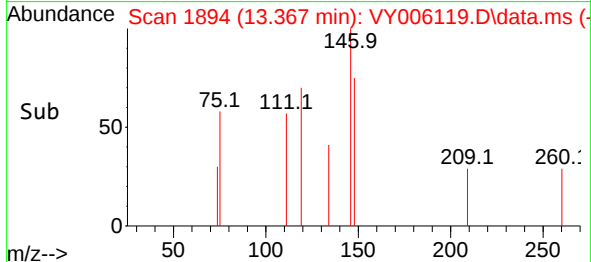
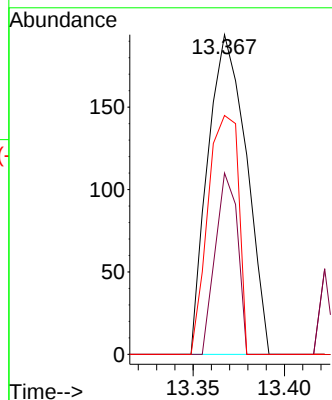
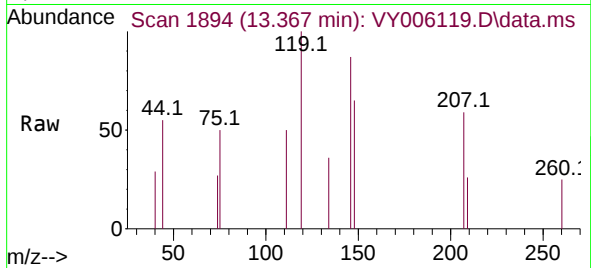




#87
1,3-Dichlorobenzene
Concen: 1.606 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

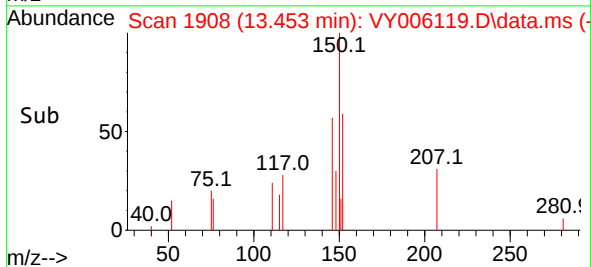
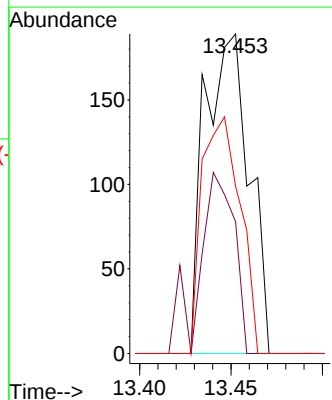
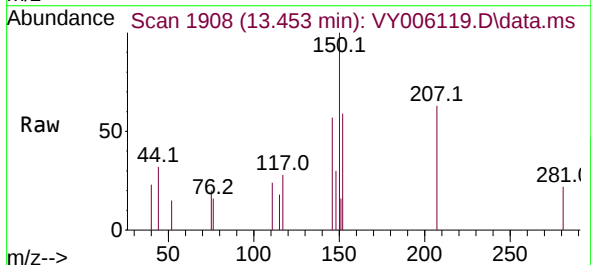
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

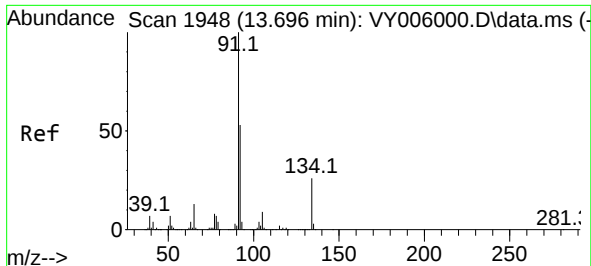
Tgt Ion:	146	Resp:	283
Ion	Ratio	Lower	Upper
146	100		
111	32.9	19.5	58.5
148	59.7	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 1.805 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion:	146	Resp:	319
Ion	Ratio	Lower	Upper
146	100		
111	44.8	19.3	57.8
148	63.6	32.6	97.8

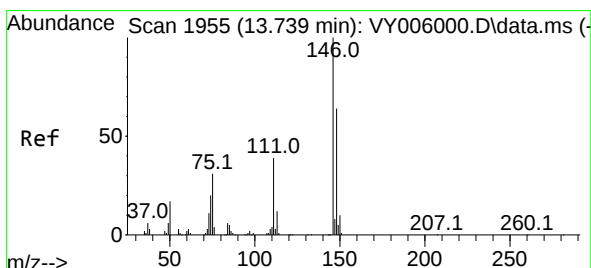
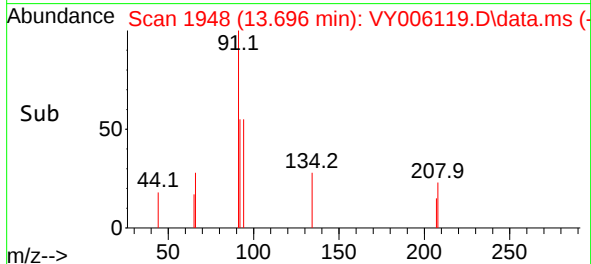
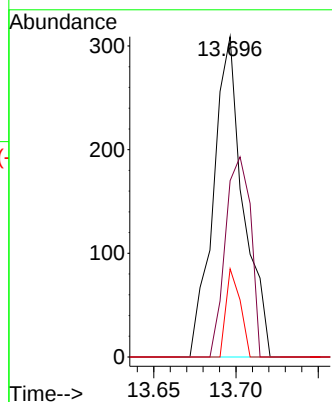
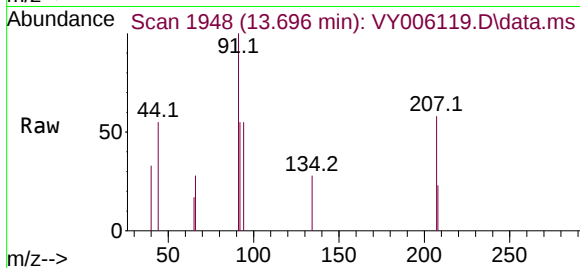




#89
n-Butylbenzene
Concen: 1.181 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

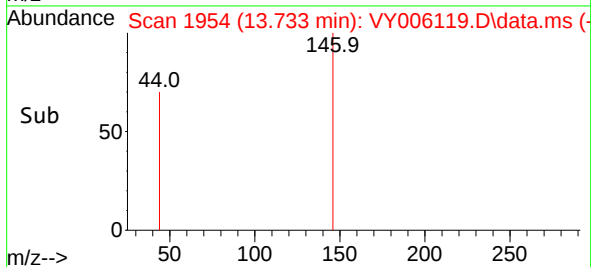
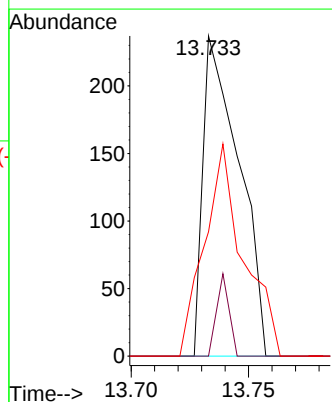
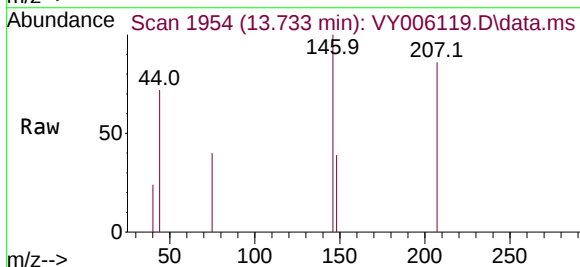
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

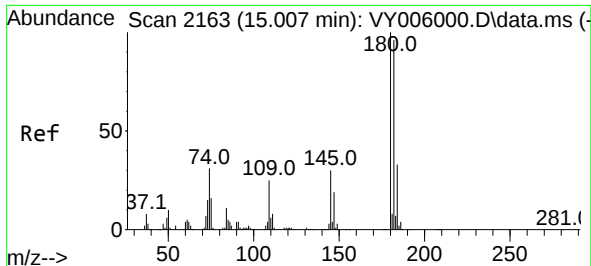
Tgt Ion:	91	Resp:	392
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.9
134	13.0	13.0	38.9



#91
1,2-Dichlorobenzene
Concen: 1.629 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion:	146	Resp:	252
Ion	Ratio	Lower	Upper
146	100		
111	8.7	20.3	60.9#
148	71.8	32.3	96.9

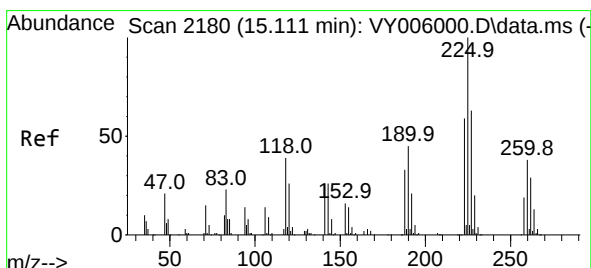
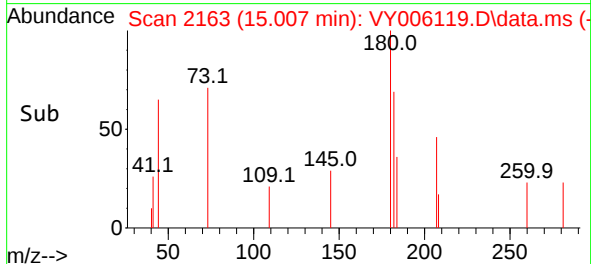
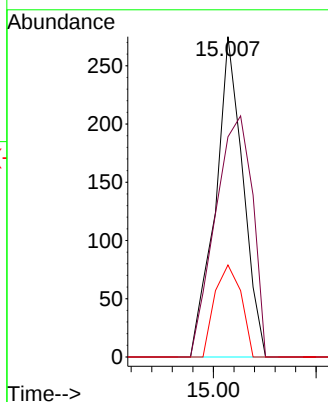
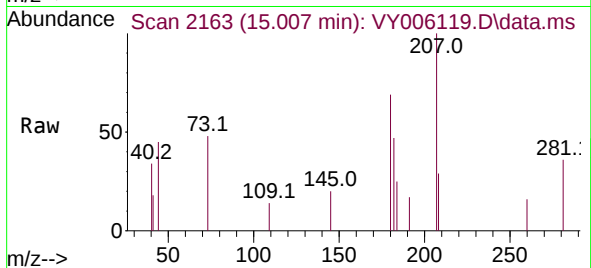




#93
1,2,4-Trichlorobenzene
Concen: 2.549 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

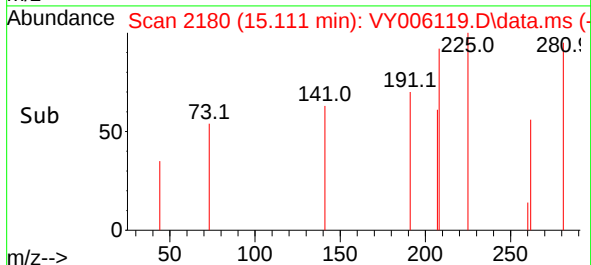
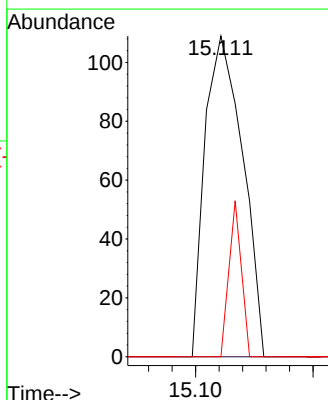
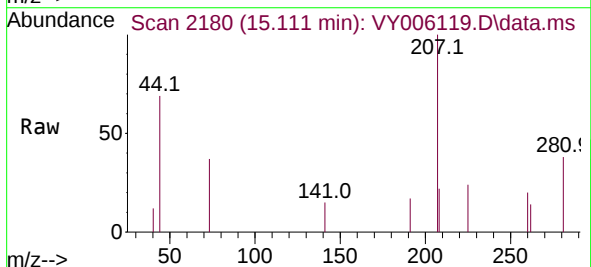
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

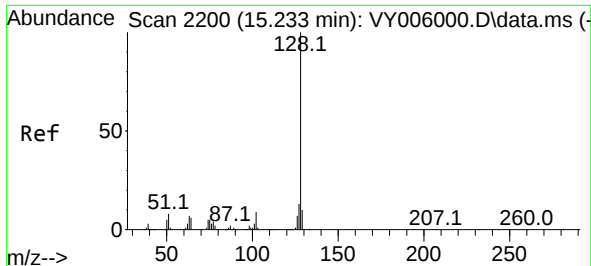
Tgt Ion:	180	Resp:	256
Ion	Ratio	Lower	Upper
180	100		
182	102.0	47.3	141.9
145	27.7	14.6	43.8



#94
Hexachlorobutadiene
Concen: 1.862 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion:	225	Resp:	121
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.8	92.3#
227	15.7	31.6	94.7#

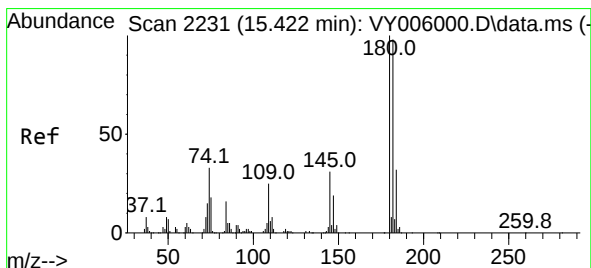
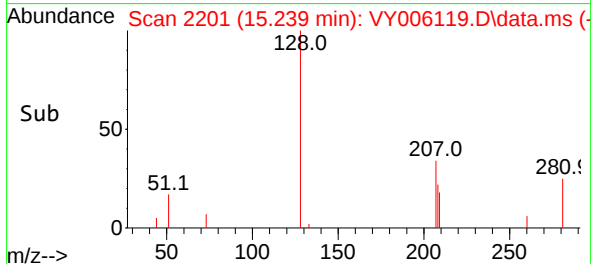
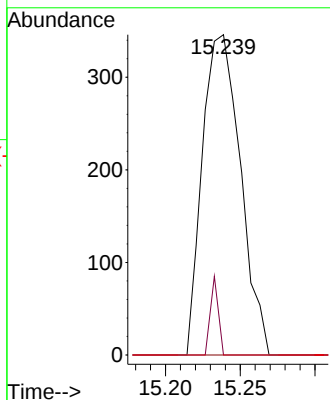
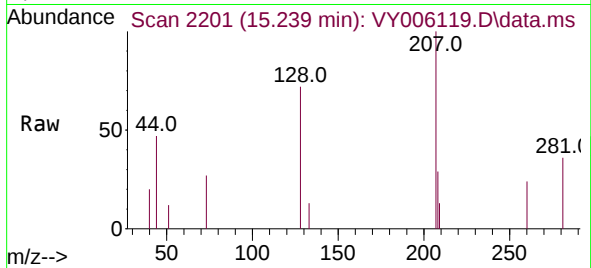




#95
Naphthalene
Concen: 3.069 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

Tgt Ion:128 Resp: 613
Ion Ratio Lower Upper
128 100
127 5.1 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.286 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006119.D
Acq: 23 Sep 2021 12:58

Tgt Ion:180 Resp: 286
Ion Ratio Lower Upper
180 100
182 89.9 47.3 141.9
145 18.2 15.3 45.9

