

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006629.D
 Acq On : 04 Nov 2021 19:02
 Operator : SY/MD
 Sample : M4472-07
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-KD

Quant Time: Nov 05 14:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

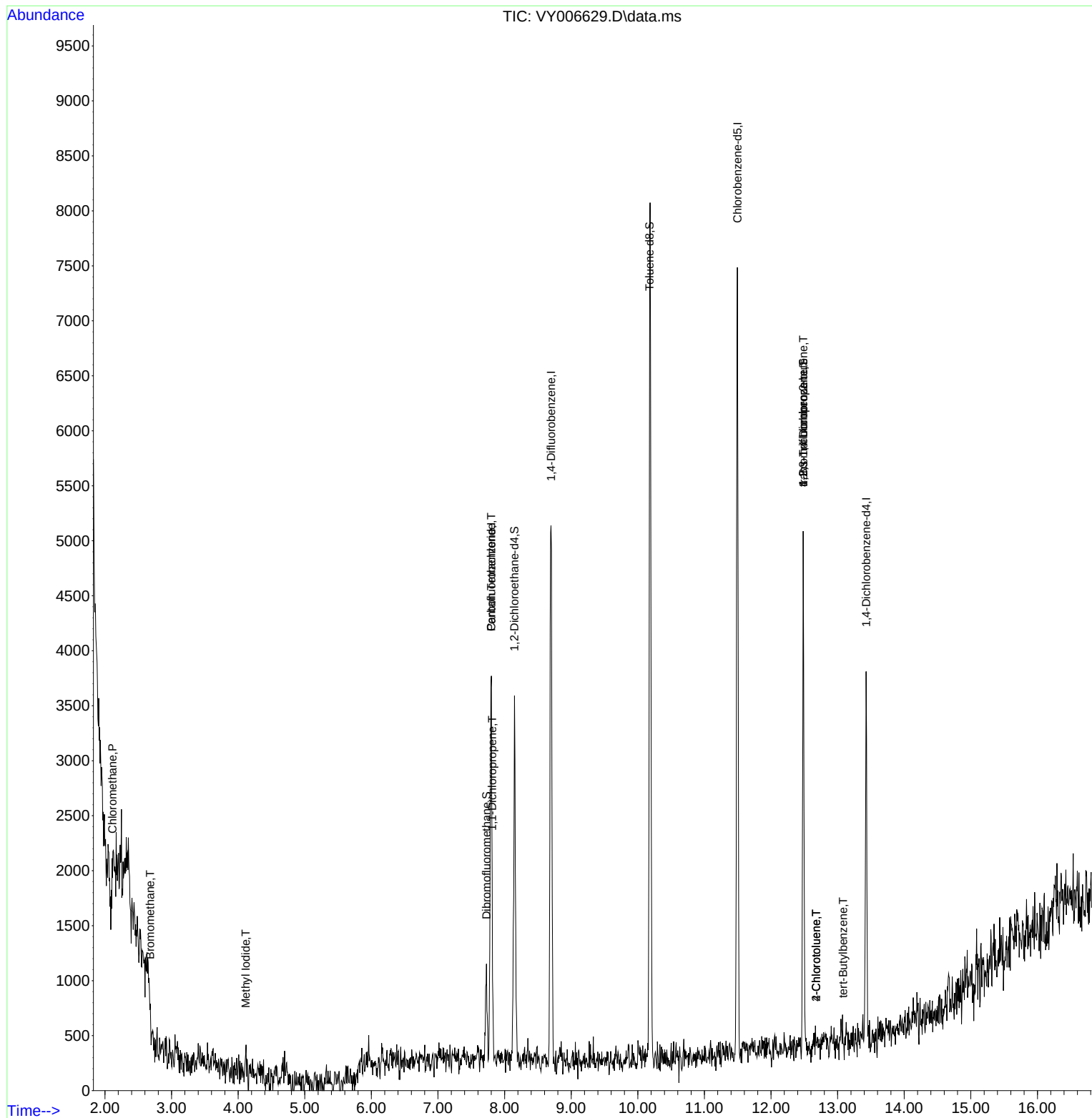
Internal Standards						
1) Pentafluorobenzene	7.801	168	2684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2287	69.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.480%	
35) Dibromofluoromethane	7.728	113	558	22.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 44.840%#	
50) Toluene-d8	10.179	98	5477	51.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.483	95	1276	35.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.800%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	108	3.225	ug/l #	43
5) Bromomethane	2.680	94	43	1.726	ug/l #	4
10) Methyl Iodide	4.113	142	221	12.573	ug/l #	36
20) Methylene Chloride	4.735	84	83	Below Cal	#	41
36) 1,1-Dichloropropene	7.813	75	101	2.289	ug/l #	42
38) Carbon Tetrachloride	7.801	117	285	5.855	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	767	82.154	ug/l #	100
79) 2-Chlorotoluene	12.678	91	50	1.153	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	767	168.660	ug/l #	7
82) 4-Chlorotoluene	12.678	91	50	1.107	ug/l #	41
83) tert-Butylbenzene	13.081	119	51	1.118	ug/l #	24

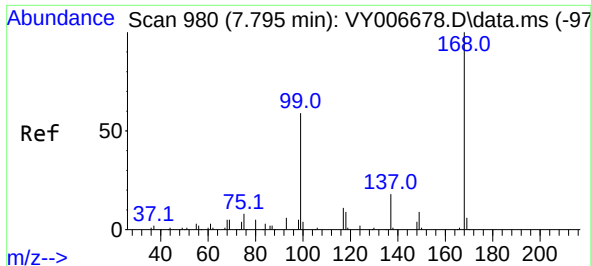
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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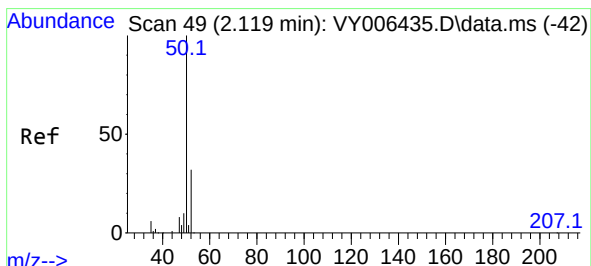
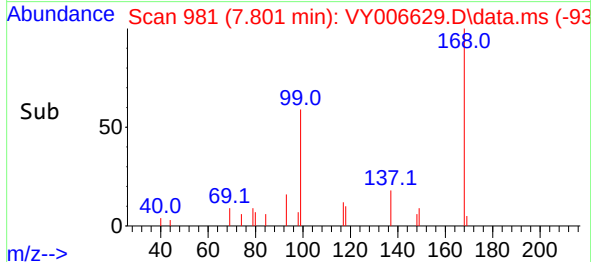
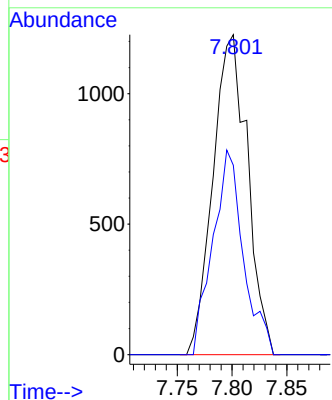
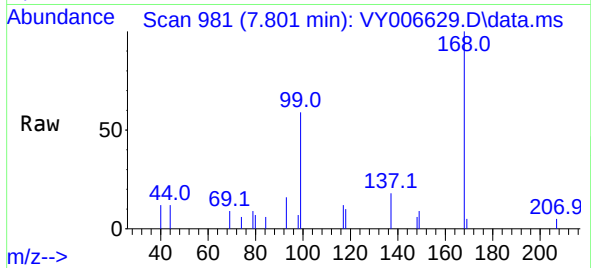




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

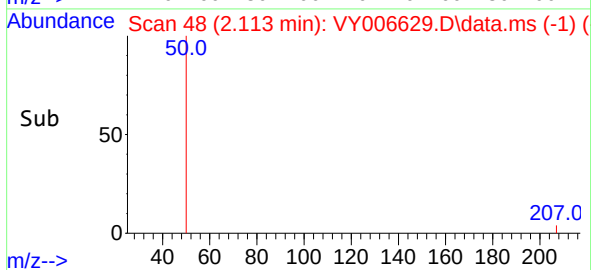
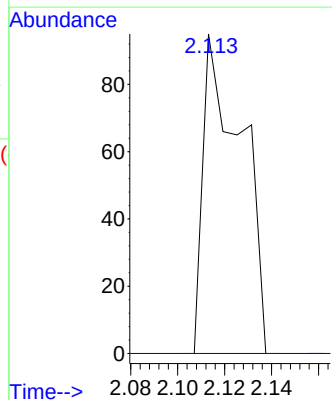
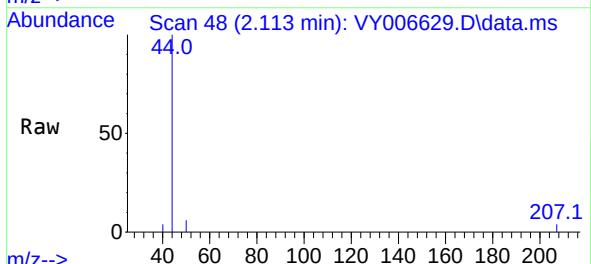
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

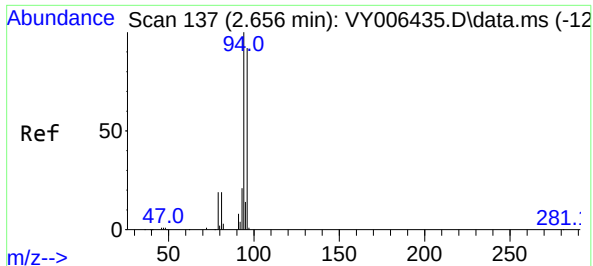
Tgt Ion:168 Resp: 2684
Ion Ratio Lower Upper
168 100
99 59.2 44.8 67.2



#3
Chloromethane
Concen: 3.225 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion: 50 Resp: 108
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

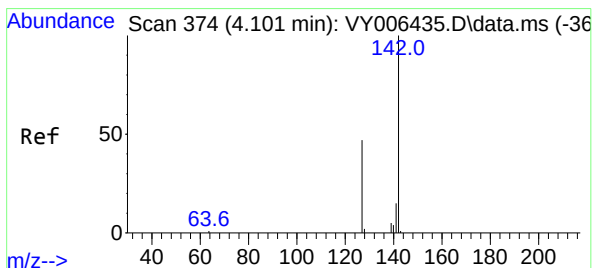
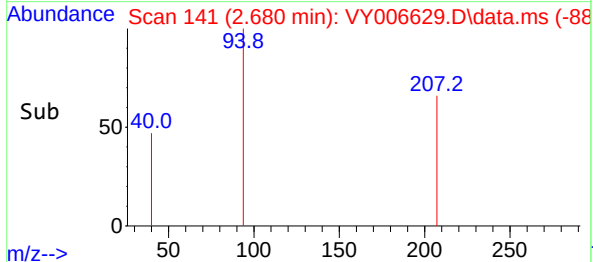
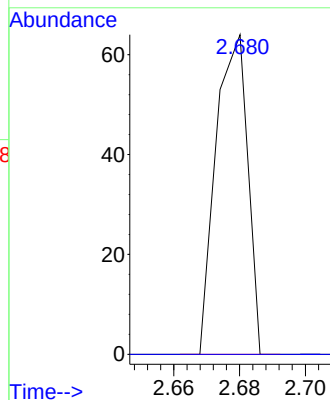
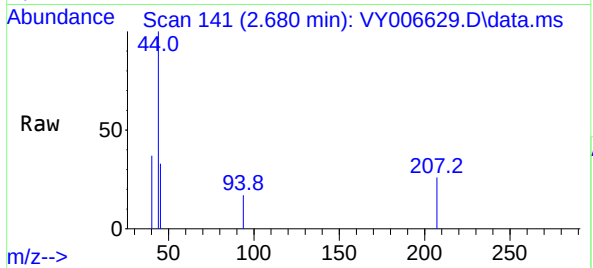




#5
Bromomethane
Concen: 1.726 ug/l
RT: 2.680 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

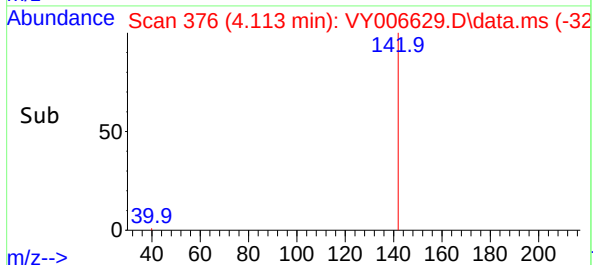
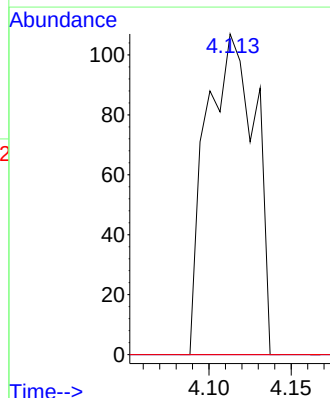
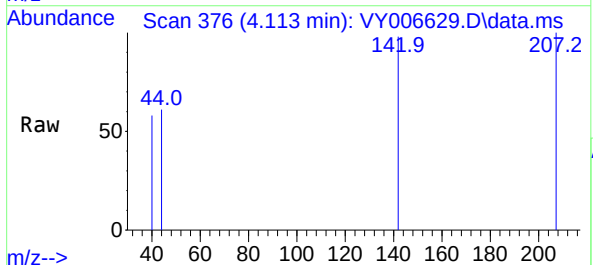
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

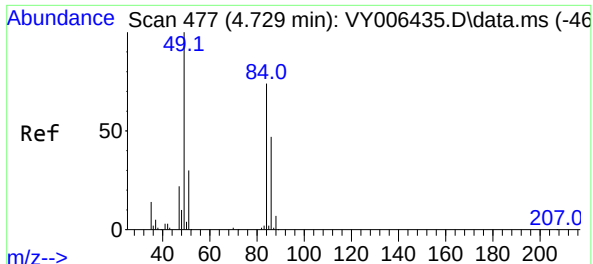
Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#10
Methyl Iodide
Concen: 12.573 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion:142 Resp: 221
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



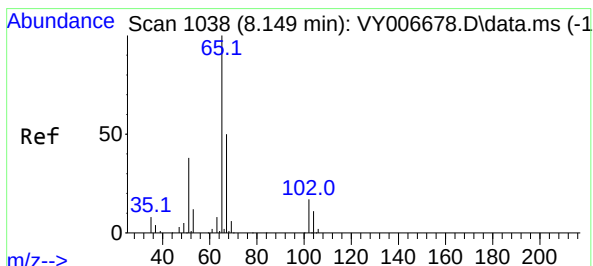
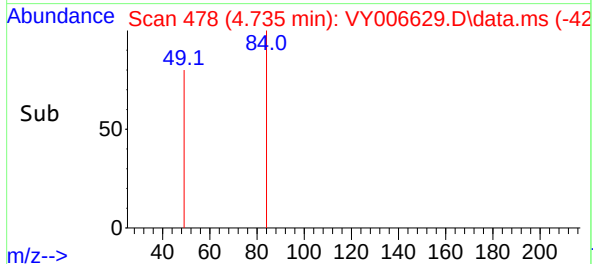
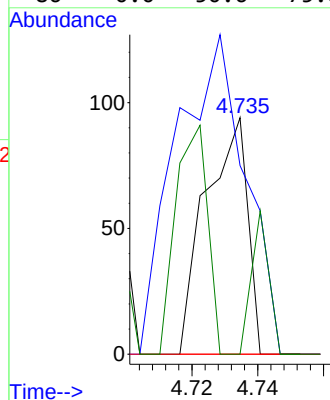
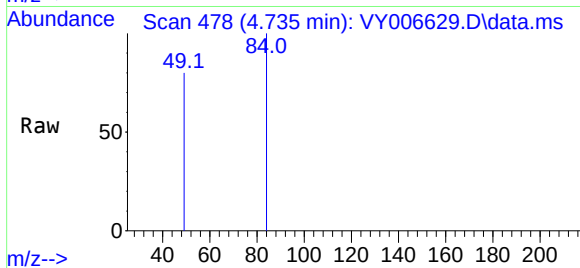


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

Tgt Ion: 84 Resp: 83

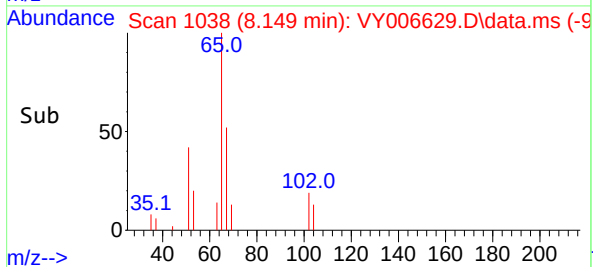
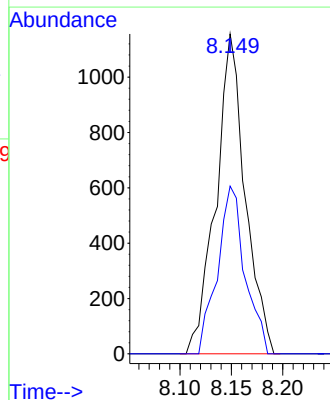
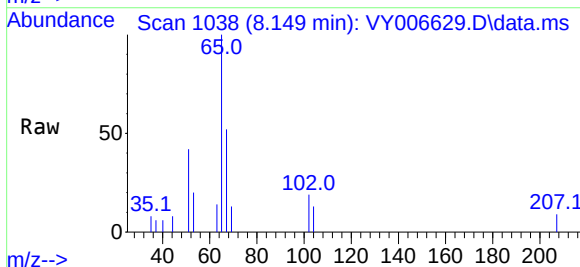
Ion	Ratio	Lower	Upper
84	100		
49	79.8	107.8	161.8#
51	0.0	32.8	49.2#
86	0.0	50.6	75.8#

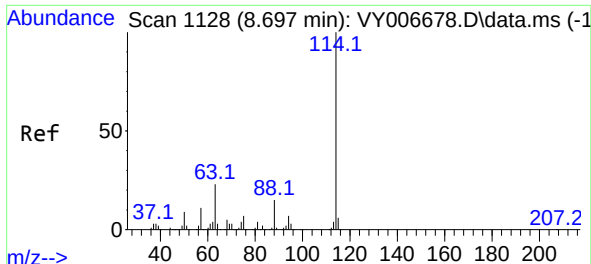


#33
1,2-Dichloroethane-d4
Concen: 69.243 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion: 65 Resp: 2287

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006629.D

Acq: 04 Nov 2021 19:02

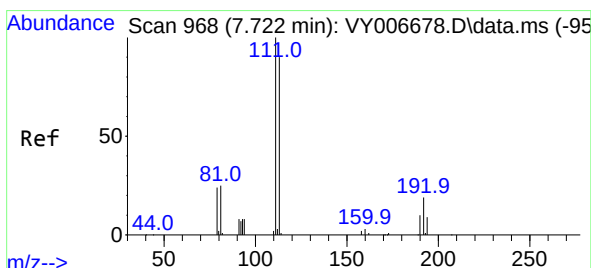
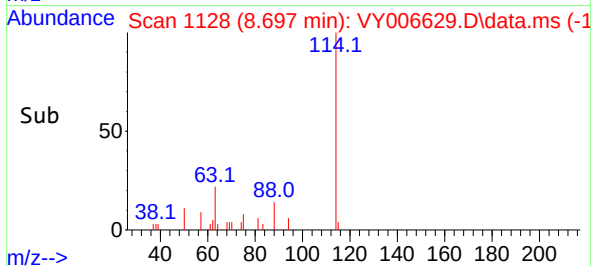
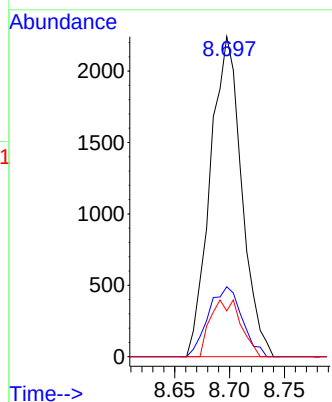
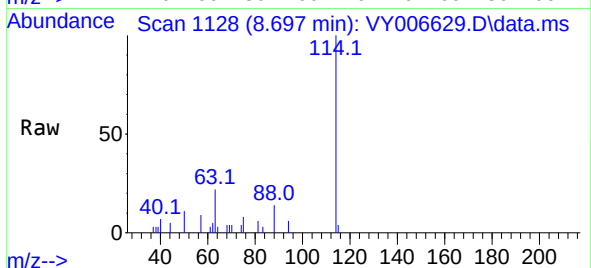
Instrument :

MSVOA_Y

ClientSampleId :

WC-2-KD

Tgt Ion:114	Resp:	4466
Ion	Ratio	Lower Upper
114	100	
63	21.9	0.0 45.0
88	14.3	0.0 30.6



#35

Dibromofluoromethane

Concen: 22.417 ug/l

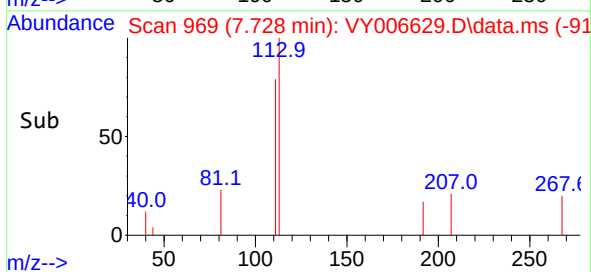
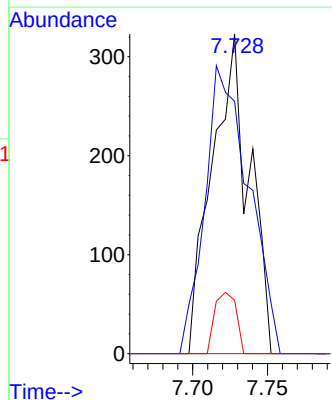
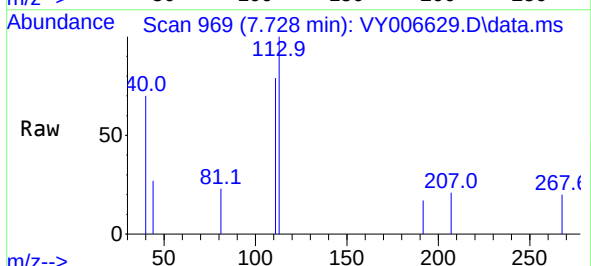
RT: 7.728 min Scan# 969

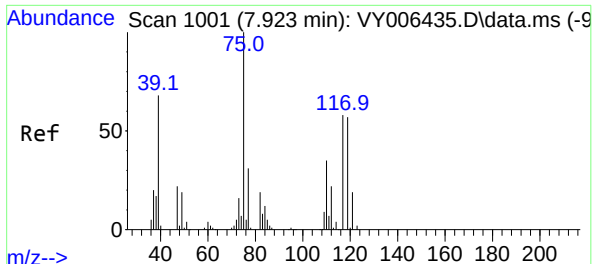
Delta R.T. 0.006 min

Lab File: VY006629.D

Acq: 04 Nov 2021 19:02

Tgt Ion:113	Resp:	558
Ion	Ratio	Lower Upper
113	100	
111	106.1	82.3 123.5
192	11.1	17.4 26.2#





#36

1,1-Dichloropropene

Concen: 2.289 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY006629.D

Acq: 04 Nov 2021 19:02

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-KD

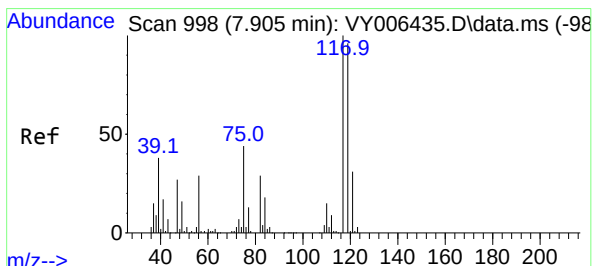
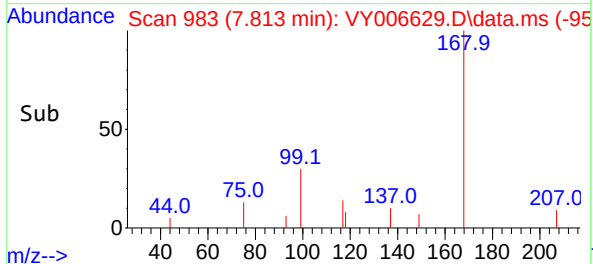
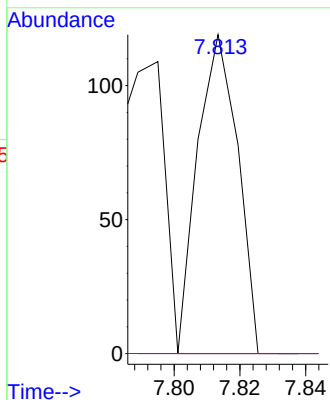
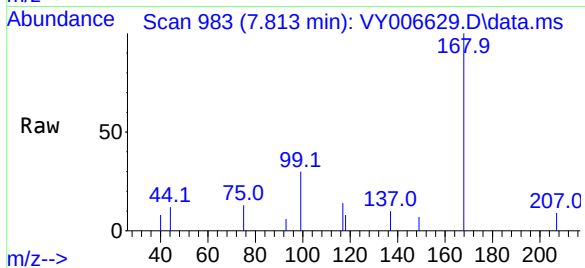
Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.855 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY006629.D

Acq: 04 Nov 2021 19:02

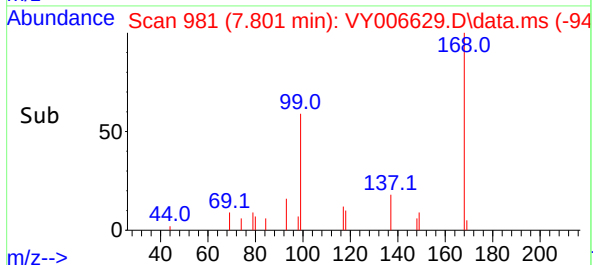
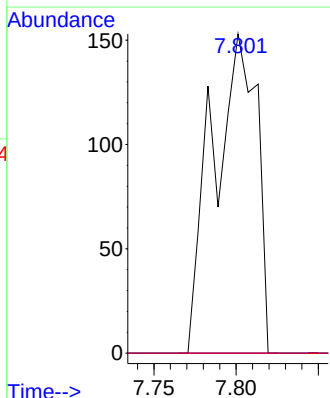
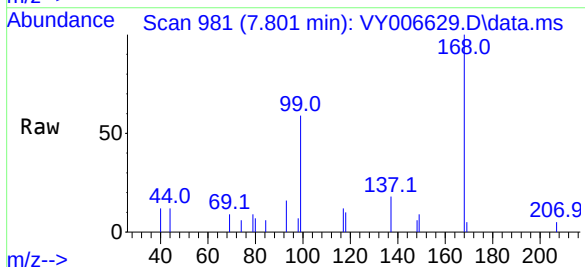
Tgt Ion: 117 Resp: 285

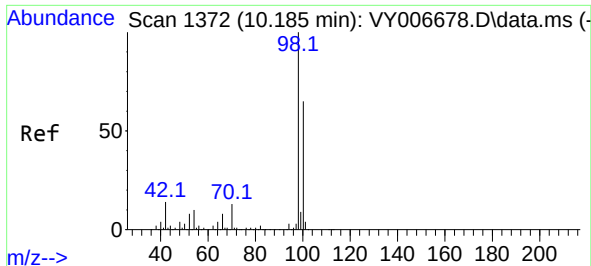
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

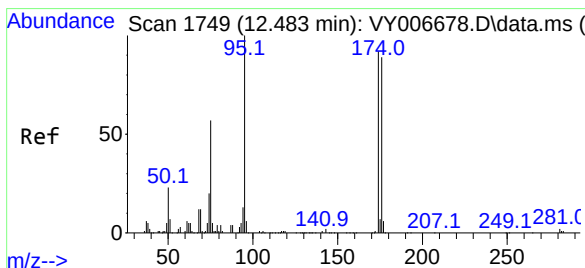
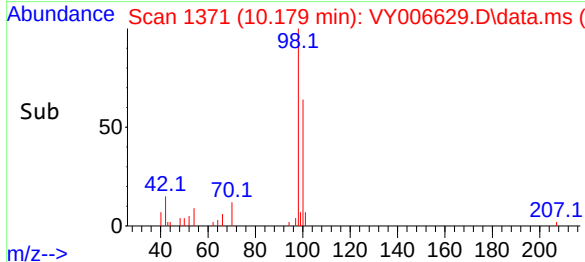
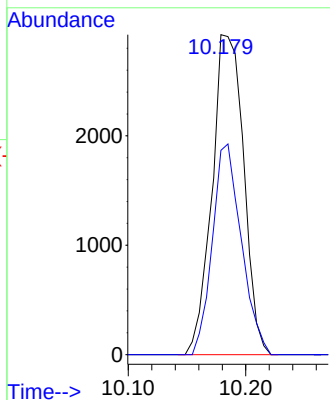
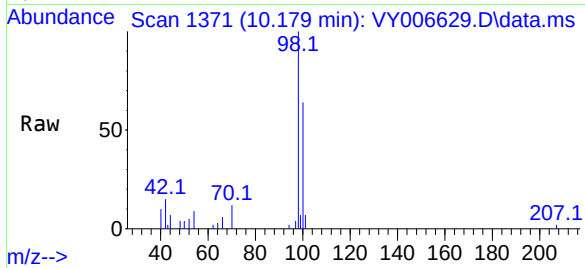




#50
Toluene-d8
Concen: 51.904 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

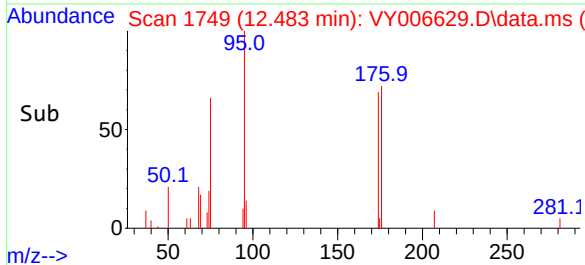
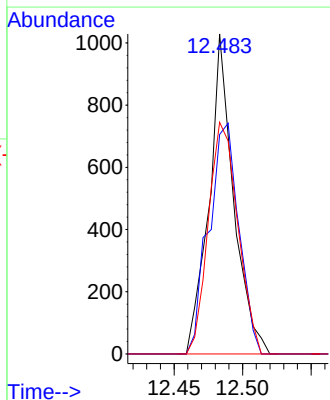
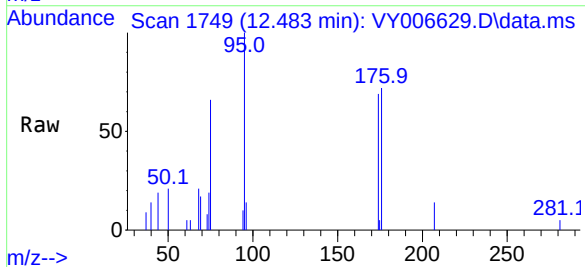
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WC-2-KD

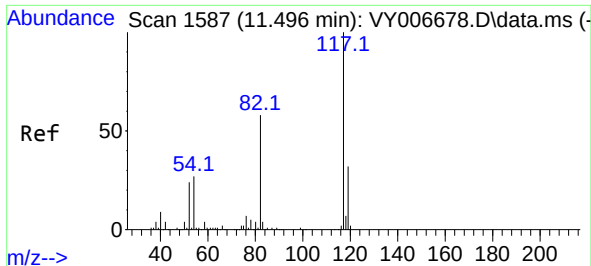
Tgt Ion: 98 Resp: 5477
Ion Ratio Lower Upper
98 100
100 60.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 35.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion: 95 Resp: 1276
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 87.4 0.0 169.4

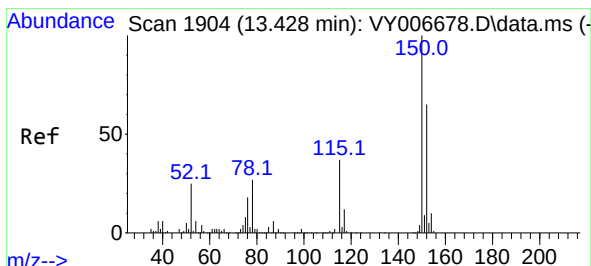
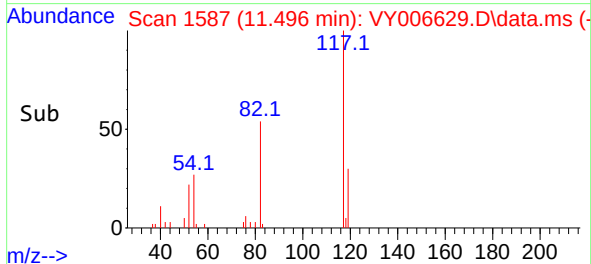
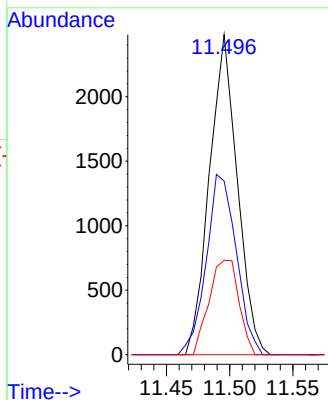
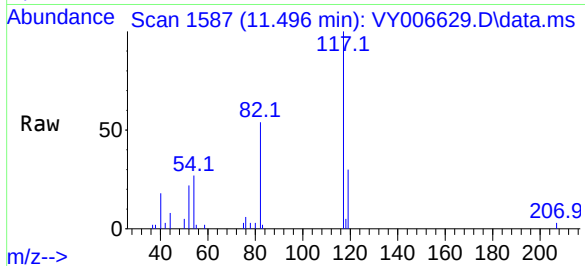




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

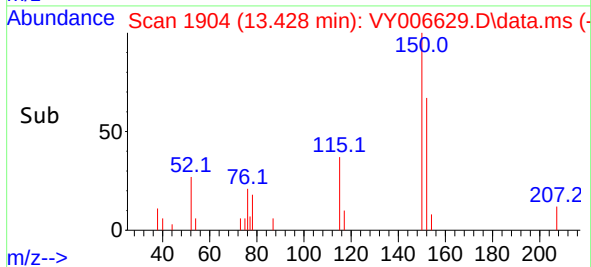
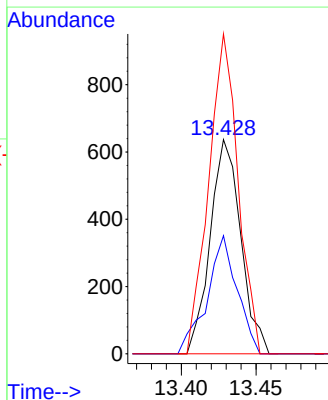
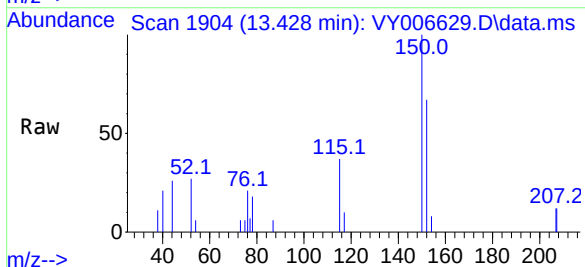
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

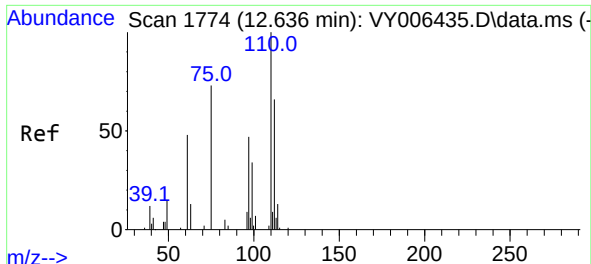
Tgt Ion:	117	Resp:	3813
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.7	68.5
119	29.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion:	152	Resp:	906
Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.5	85.5
150	143.3	0.0	348.2

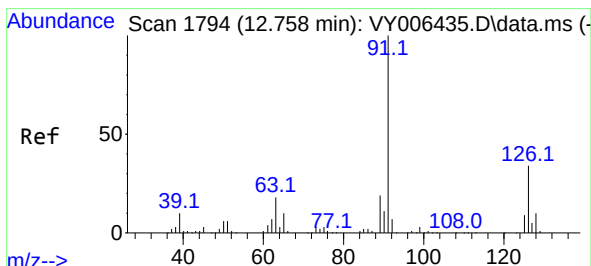
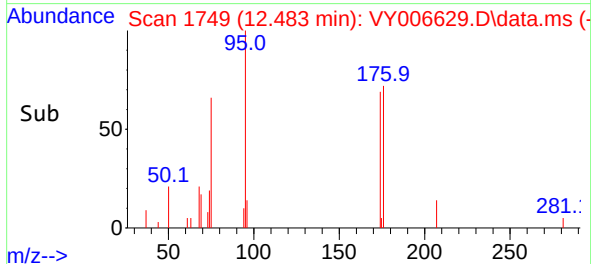
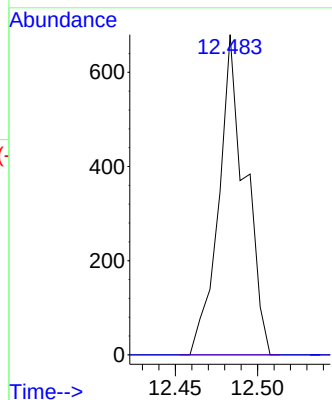
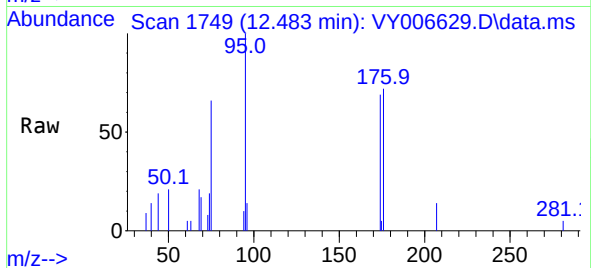




#76
1,2,3-Trichloropropane
Concen: 82.154 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

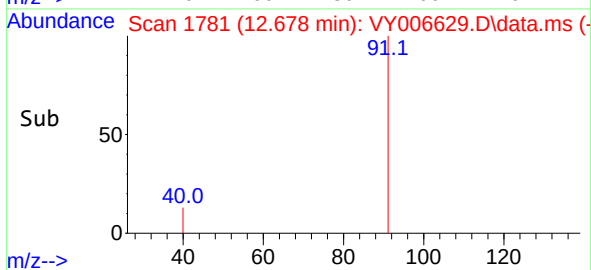
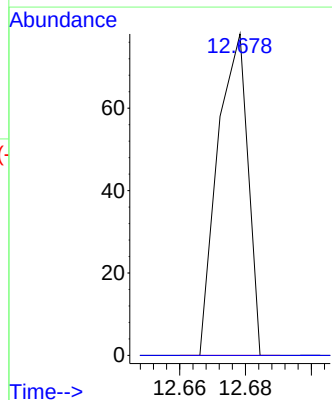
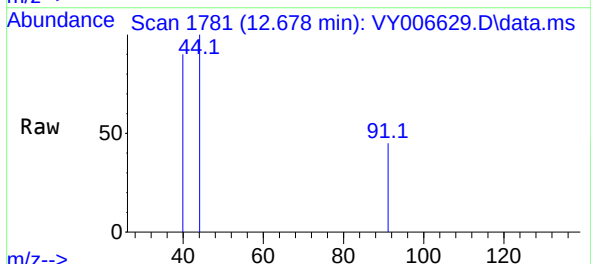
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

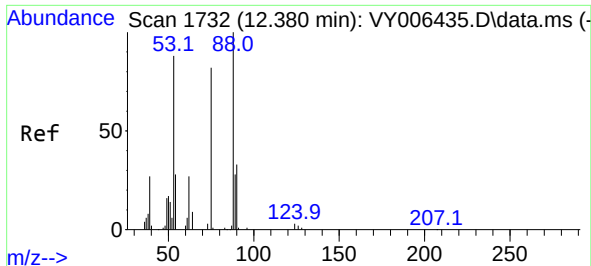
Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#79
2-Chlorotoluene
Concen: 1.153 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.079 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion: 91 Resp: 50
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

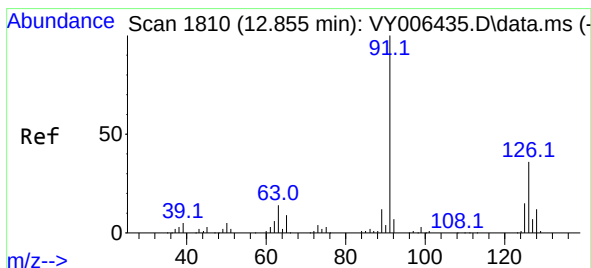
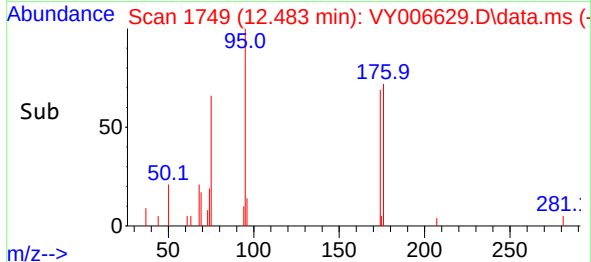
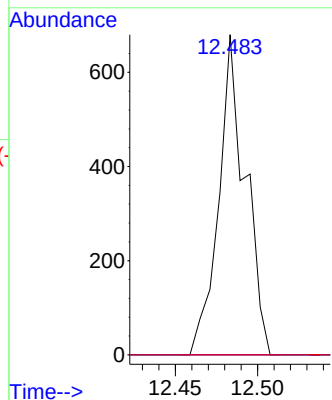
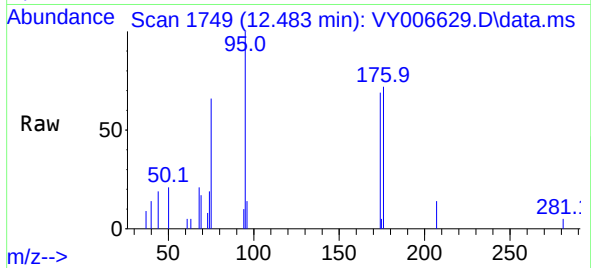




#81
trans-1,4-Dichloro-2-butene
Concen: 168.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

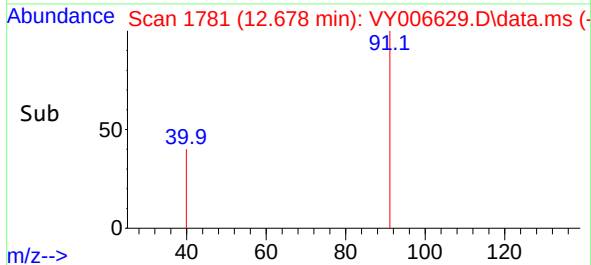
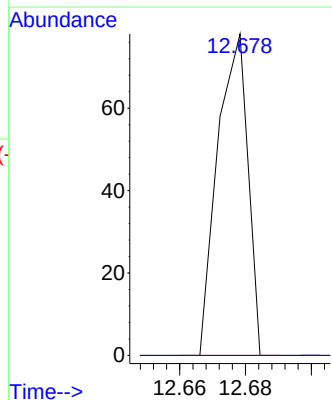
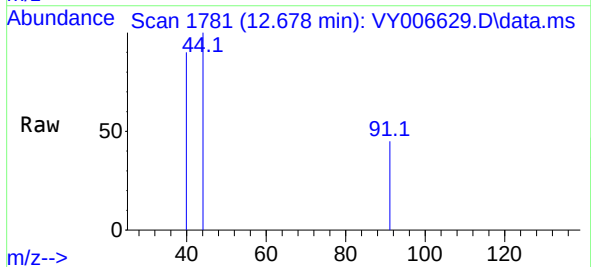
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

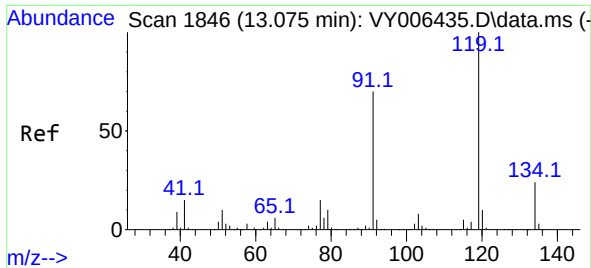
Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#82
4-Chlorotoluene
Concen: 1.107 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.177 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Tgt Ion: 91 Resp: 50
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#





#83
tert-Butylbenzene
Concen: 1.118 ug/l
RT: 13.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006629.D
Acq: 04 Nov 2021 19:02

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

Tgt Ion:119 Resp: 51
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.5#
134 0.0 13.0 38.9#

