

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005321.D
 Acq On : 01 Jul 2021 17:58
 Operator : SY/MD
 Sample : M2913-03
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-2700

Quant Time: Jul 02 05:18:12 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)

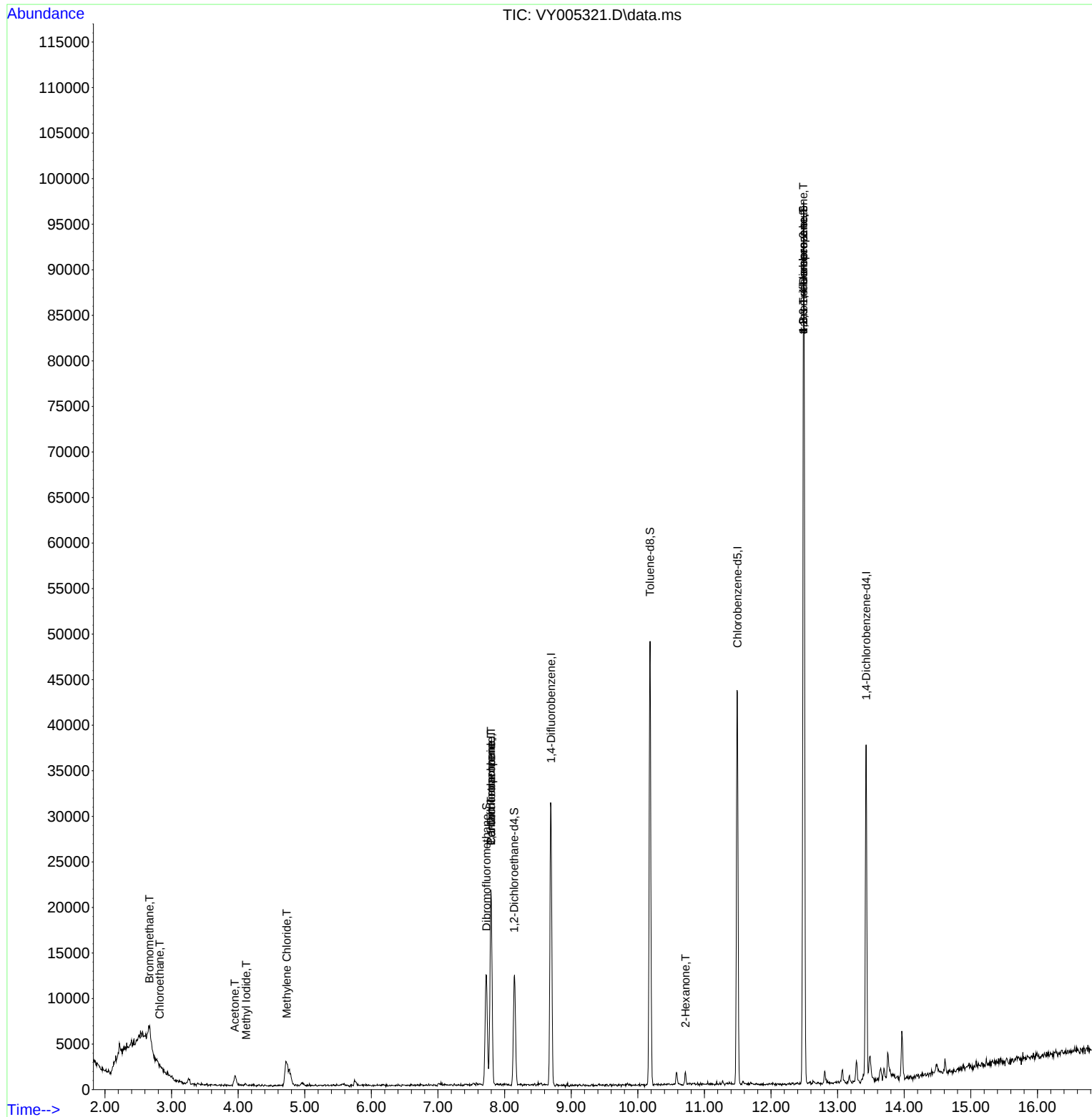
Internal Standards						
1) Pentafluorobenzene	7.795	168	18325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	27555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	25763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9550	62.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.600%	
35) Dibromofluoromethane	7.728	113	8781	54.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.184	98	33058	50.868	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.483	95	9282	42.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	247	2.122	ug/l #	50
6) Chloroethane	2.820	64	238	1.984	ug/l #	42
10) Methyl Iodide	4.118	142	249	1.166	ug/l #	75
11) Tert butyl alcohol	4.948	59	752	Below Cal	#	77
16) Acetone	3.948	43	2013	57.301	ug/l	93
20) Methylene Chloride	4.728	84	1937	1.970	ug/l	91
36) 1,1-Dichloropropene	7.795	75	1187	4.892	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1588	6.252	ug/l #	12
59) 2-Hexanone	10.715	43	552	6.667	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	5104	56.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5104	104.643	ug/l #	18

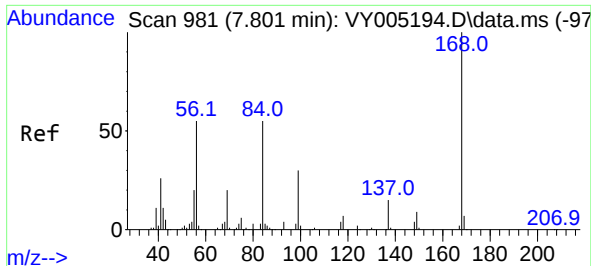
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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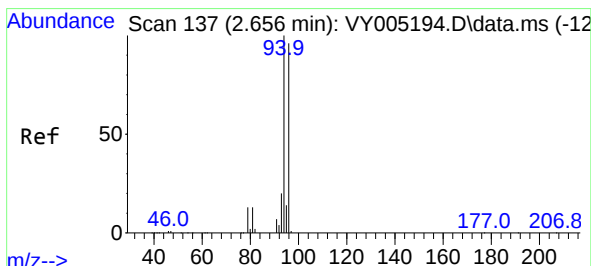
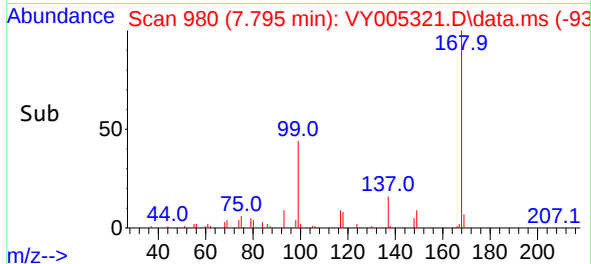
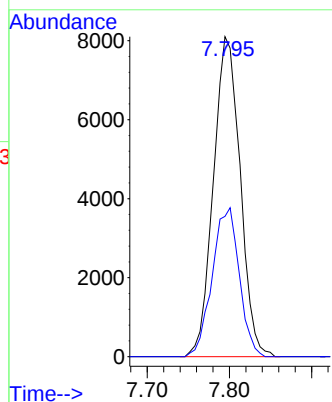
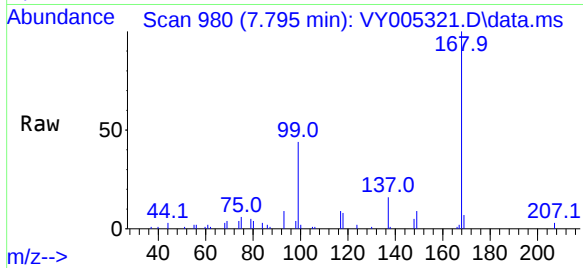




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

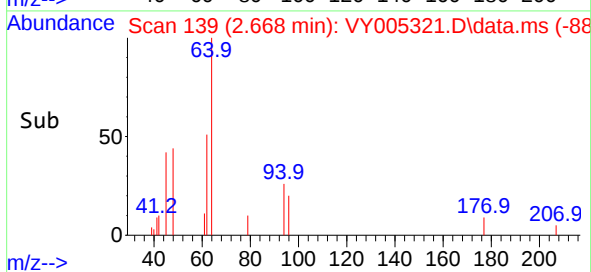
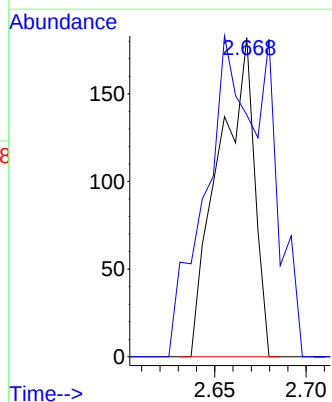
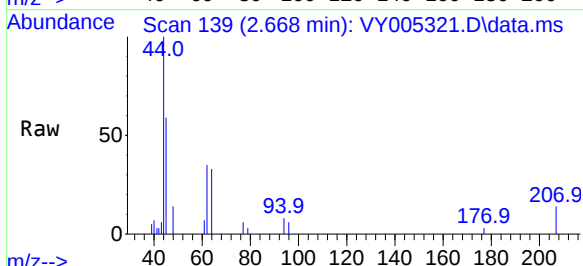
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

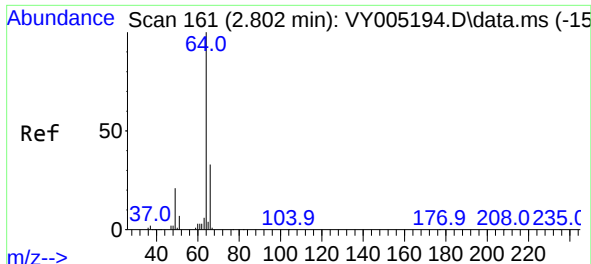
Tgt Ion:168 Resp: 18325
Ion Ratio Lower Upper
168 100
99 43.9 36.2 54.4



#5
Bromomethane
Concen: 2.122 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 47.3 76.9 115.3#

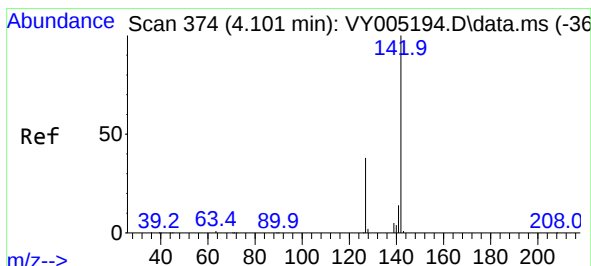
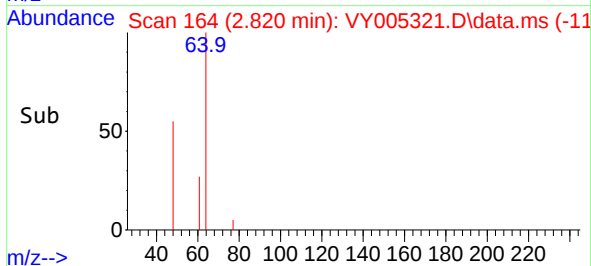
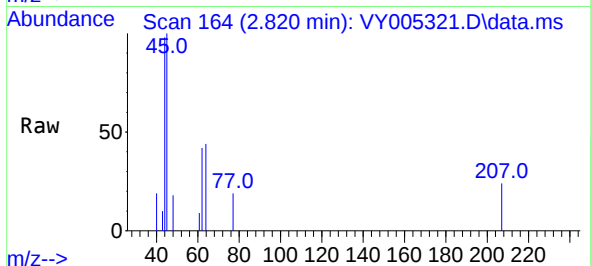




#6
Chloroethane
Concen: 1.984 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.018 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

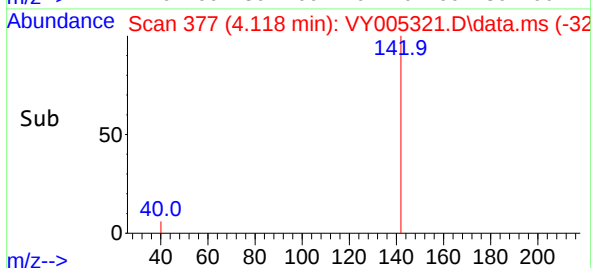
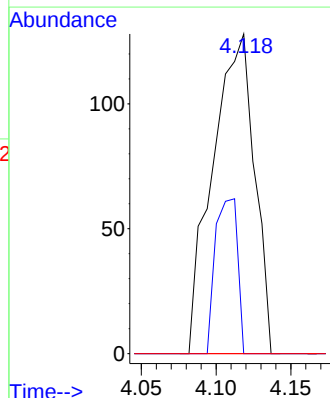
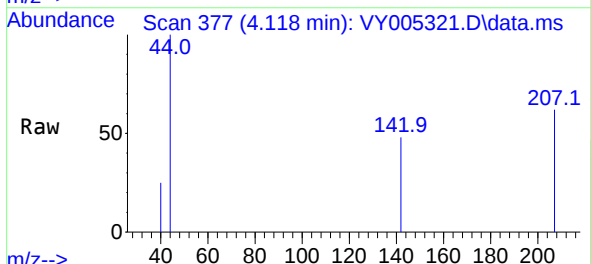
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

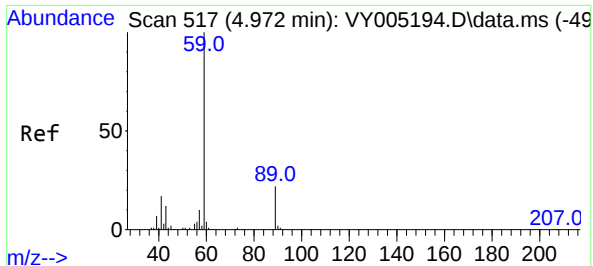
Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 1.166 ug/l
RT: 4.118 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 142 Resp: 249
Ion Ratio Lower Upper
142 100
127 25.7 31.3 46.9#
141 0.0 11.3 16.9#



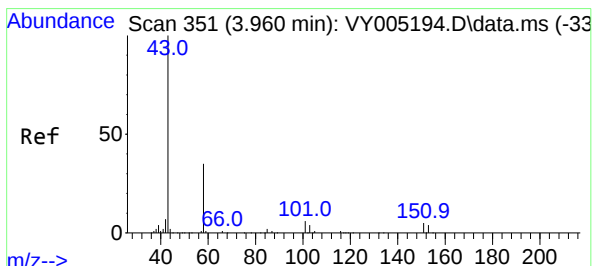
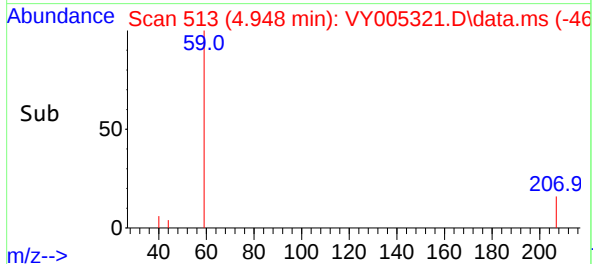
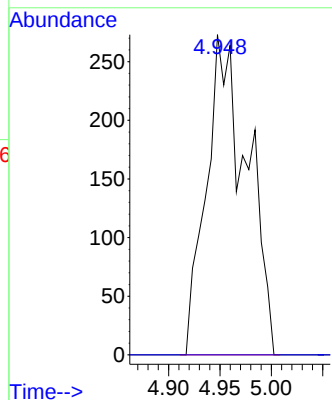
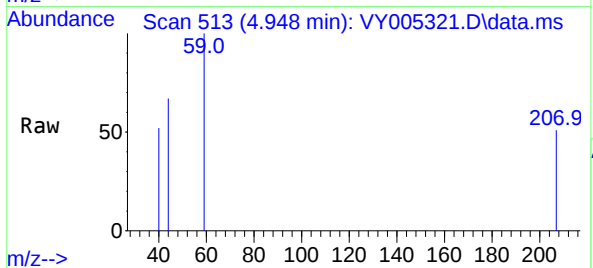


#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
D-2700

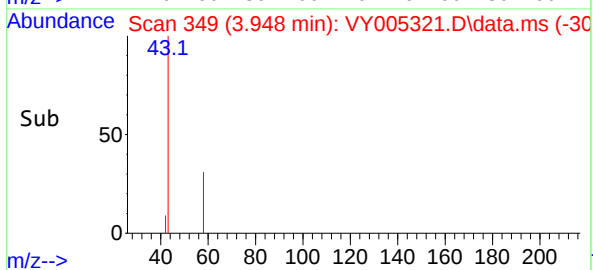
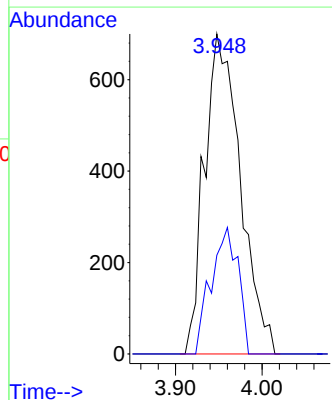
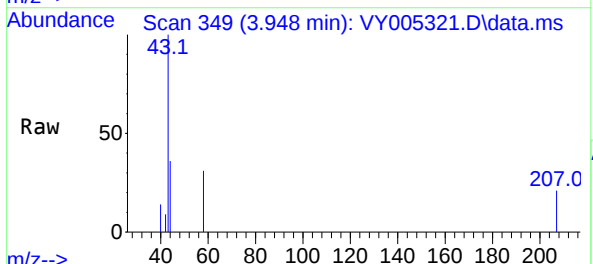
Tgt Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

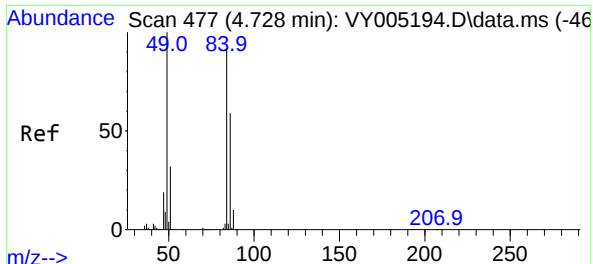


#16

Acetone
Concen: 57.301 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 43 Resp: 2013
Ion Ratio Lower Upper
43 100
58 30.9 28.2 42.2



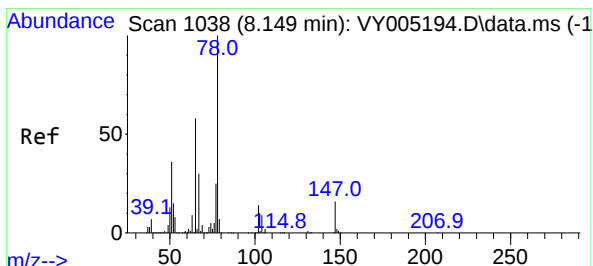
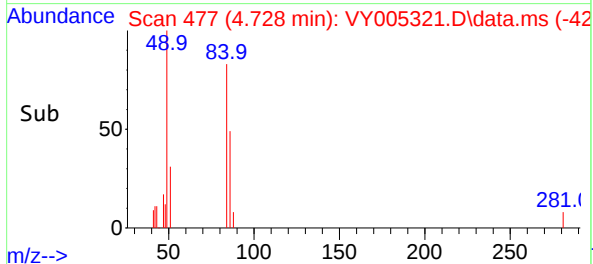
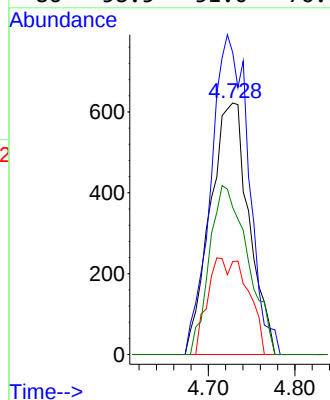
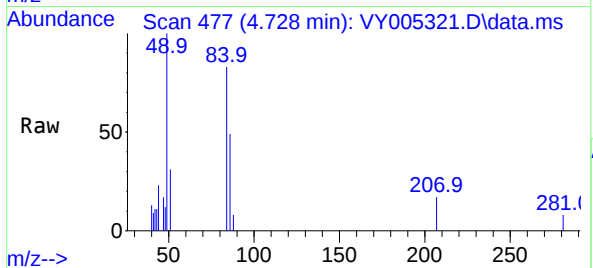


#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
D-2700

Tgt Ion: 84 Resp: 1937

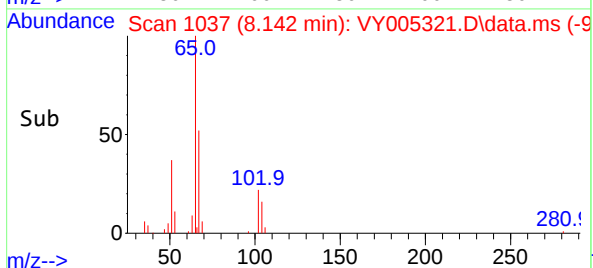
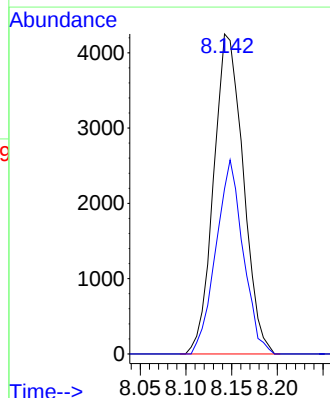
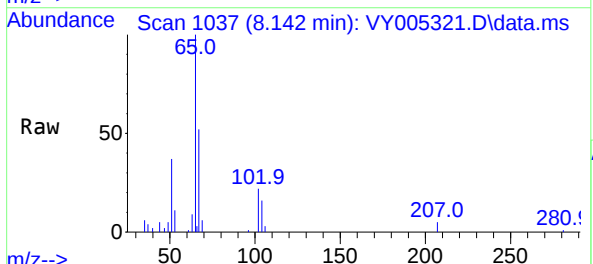
Ion	Ratio	Lower	Upper
84	100		
49	120.1	86.9	130.3
51	37.0	27.4	41.2
86	58.5	51.0	76.6

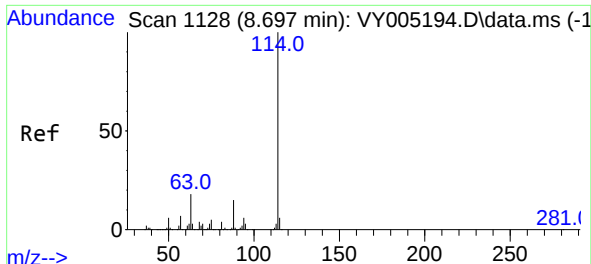


#33
1,2-Dichloroethane-d4
Concen: 62.800 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 65 Resp: 9550

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	110.6

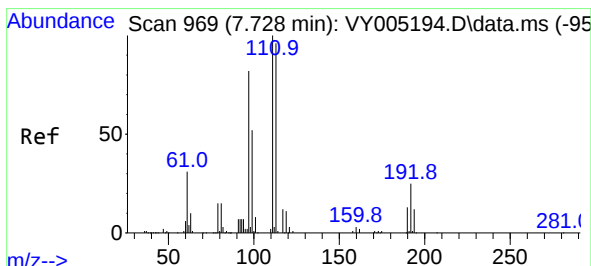
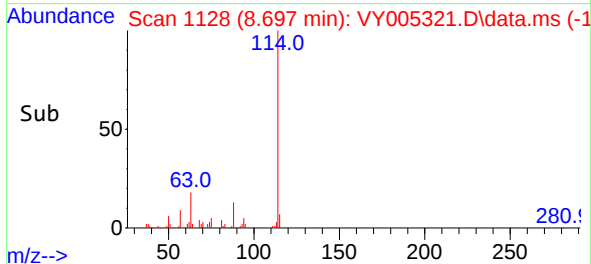
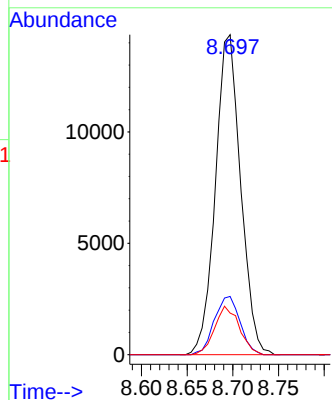
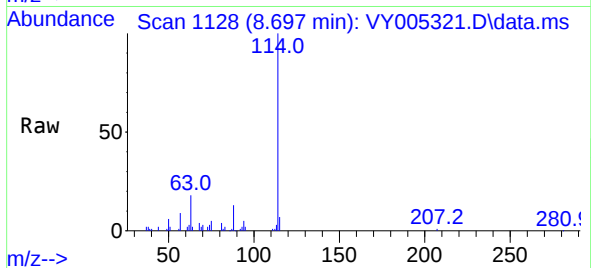




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

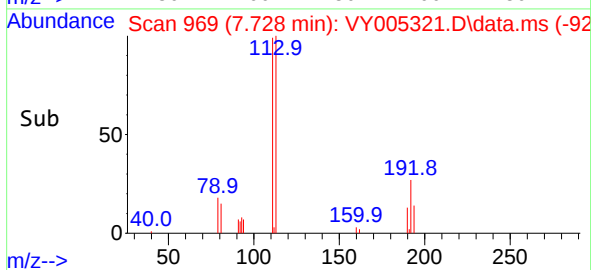
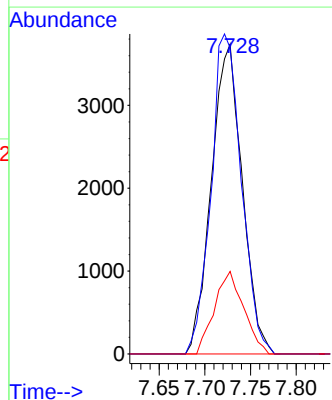
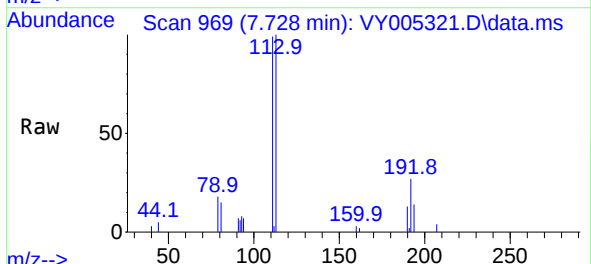
Instrument :
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ClientSampleId :
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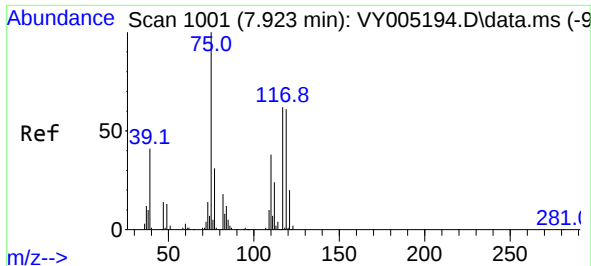
Tgt Ion:	114	Resp:	27555
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	13.0	0.0	29.4



#35
Dibromofluoromethane
Concen: 54.035 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion:	113	Resp:	8781
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	25.3	20.2	30.2

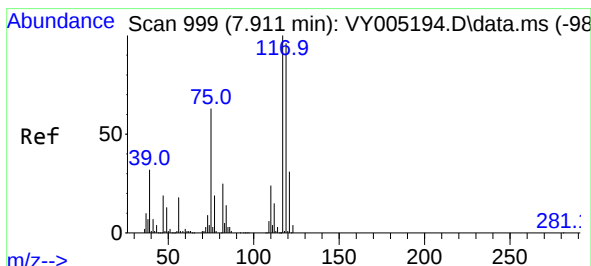
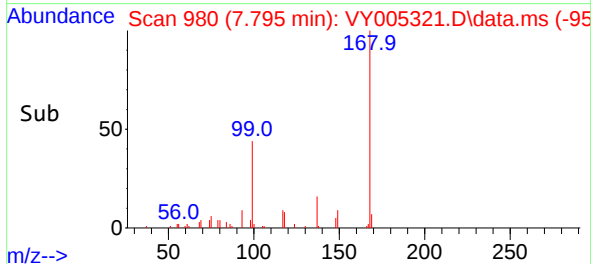
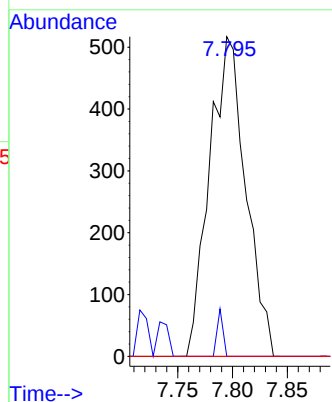
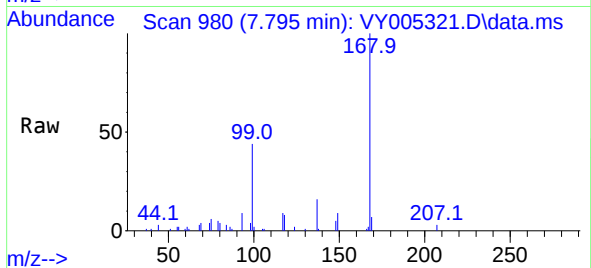




#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

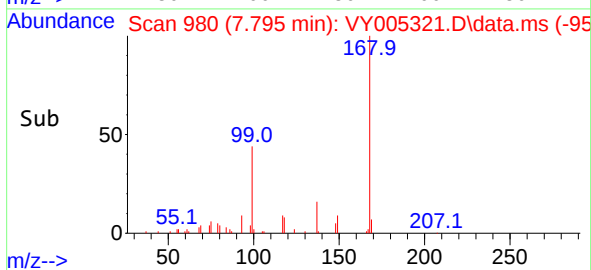
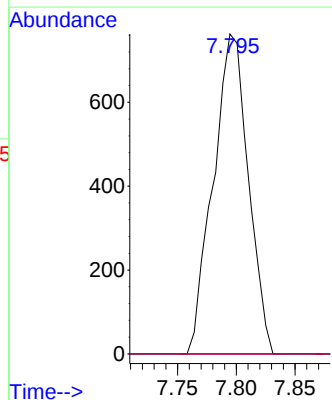
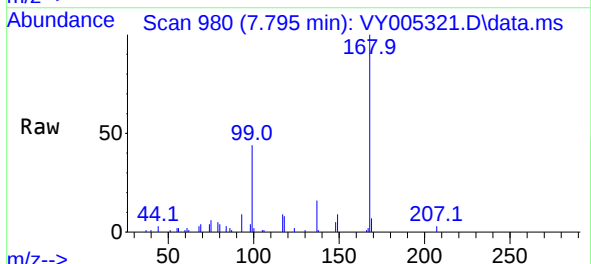
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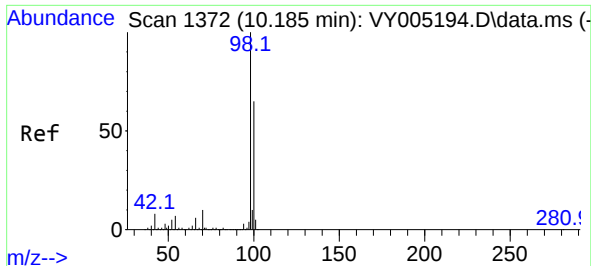
Tgt Ion: 75 Resp: 1187
Ion Ratio Lower Upper
75 100
110 2.4 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.252 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 117 Resp: 1588
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#

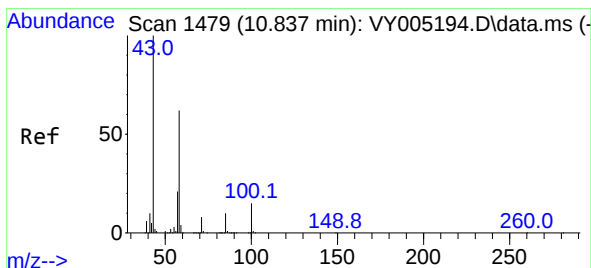
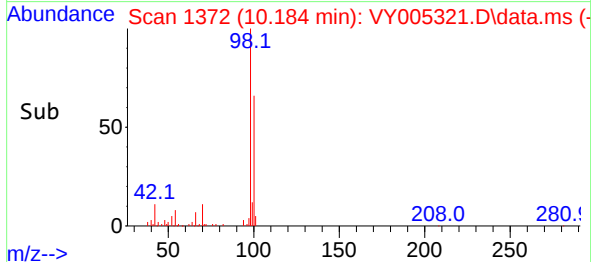
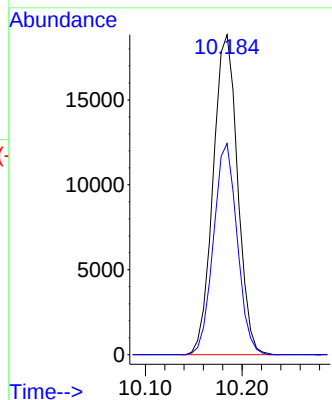
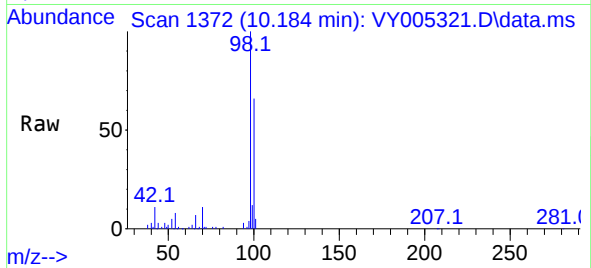




#50
Toluene-d8
Concen: 50.868 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

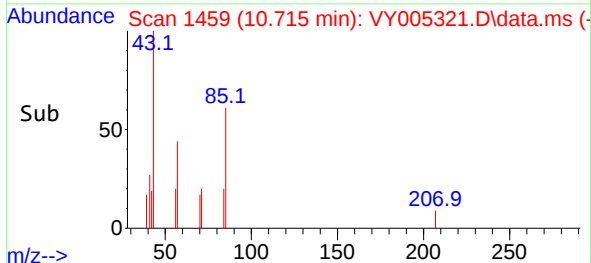
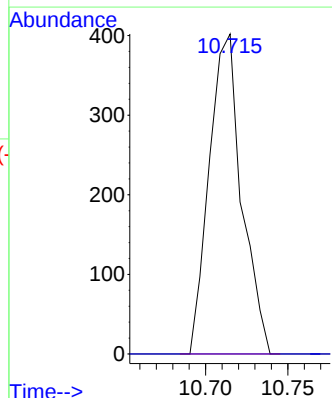
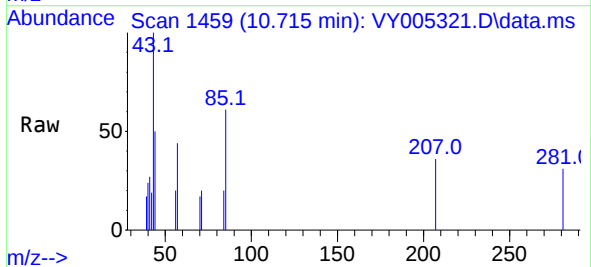
Instrument :
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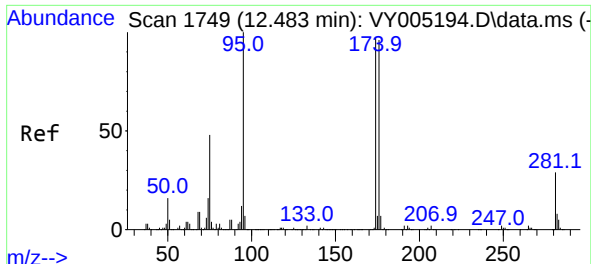
Tgt Ion: 98 Resp: 33058
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#59
2-Hexanone
Concen: 6.667 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#

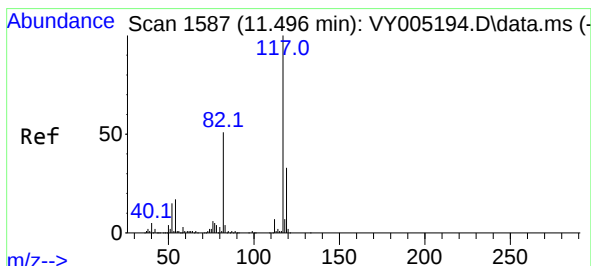
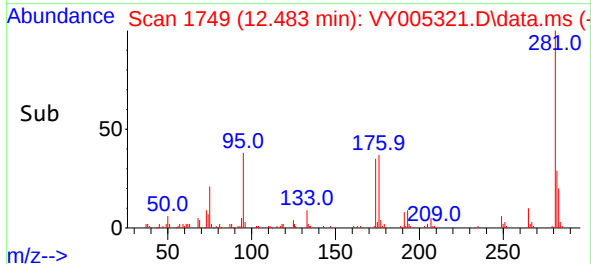
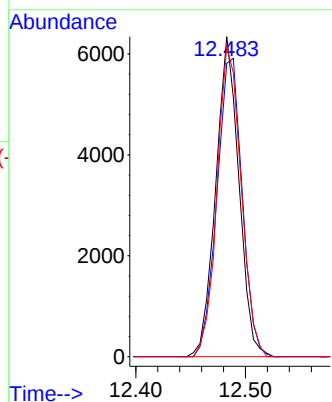
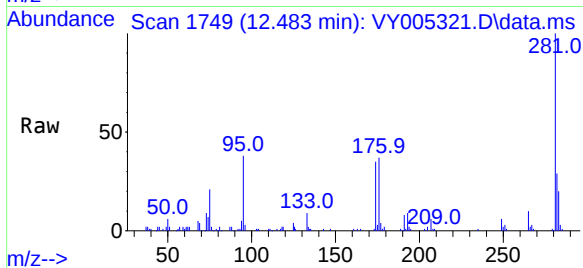




#62
4-Bromofluorobenzene
Concen: 42.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

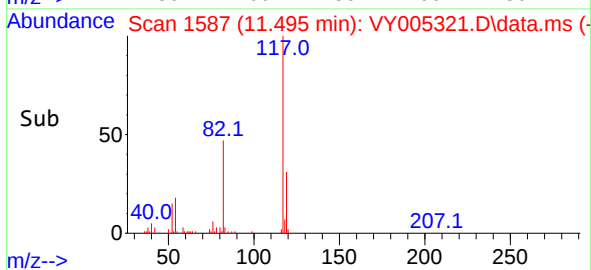
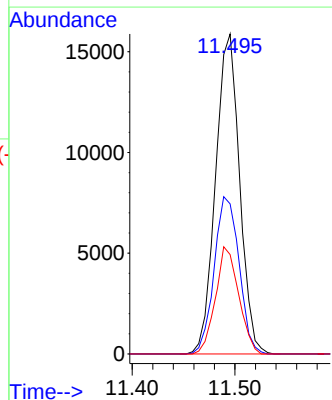
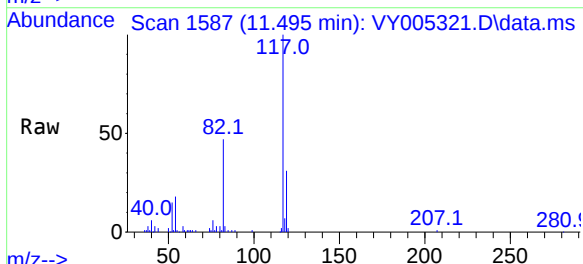
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

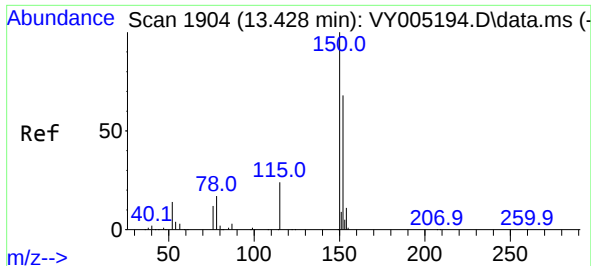
Tgt Ion:	95	Resp:	9282
Ion	Ratio	Lower	Upper
95	100		
174	101.6	0.0	201.6
176	101.1	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Tgt Ion:	117	Resp:	25763
Ion	Ratio	Lower	Upper
117	100		
82	46.9	40.6	60.8
119	31.1	26.1	39.1

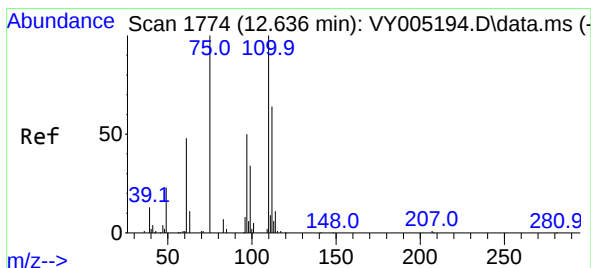
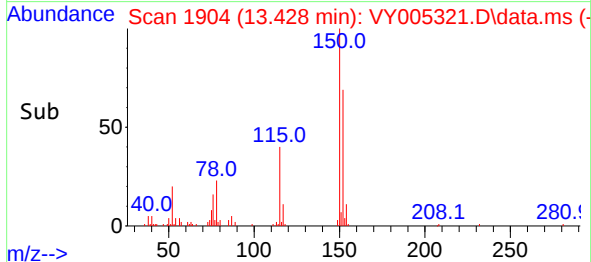
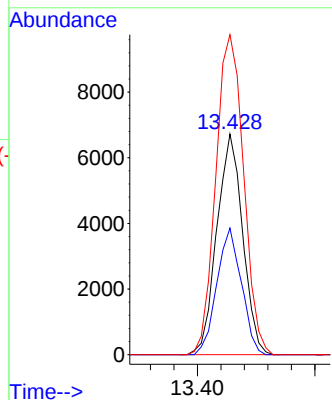
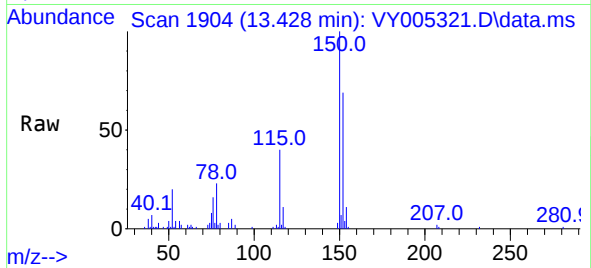




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

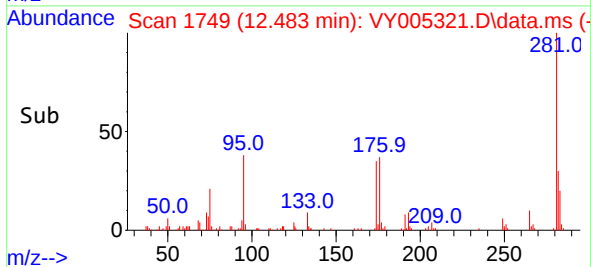
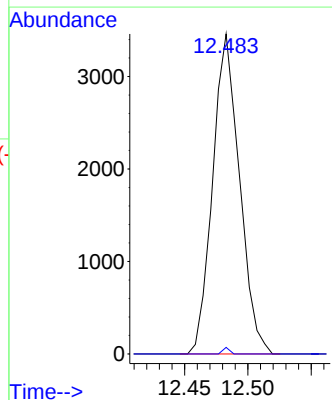
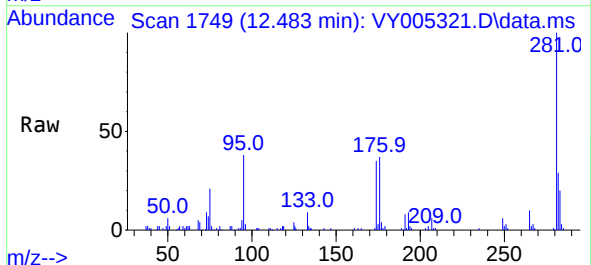
Instrument :
MSVOA_Y
ClientSampleId :
D-2700

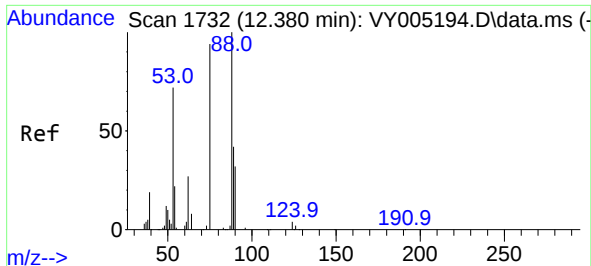
Tgt Ion:152 Resp: 10261
Ion Ratio Lower Upper
152 100
115 54.5 26.3 78.8
150 156.1 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 56.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

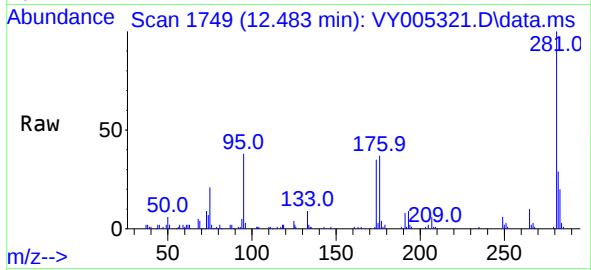
Tgt Ion: 75 Resp: 5104
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005321.D
Acq: 01 Jul 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
D-2700



Tgt Ion: 75 Resp: 5104
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 2.2 38.0 57.0#

