

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004394.D
 Acq On : 12 Apr 2021 19:09
 Operator : SY/MD
 Sample : M2009-01
 Misc : 6.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-041221

Quant Time: Apr 13 03:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

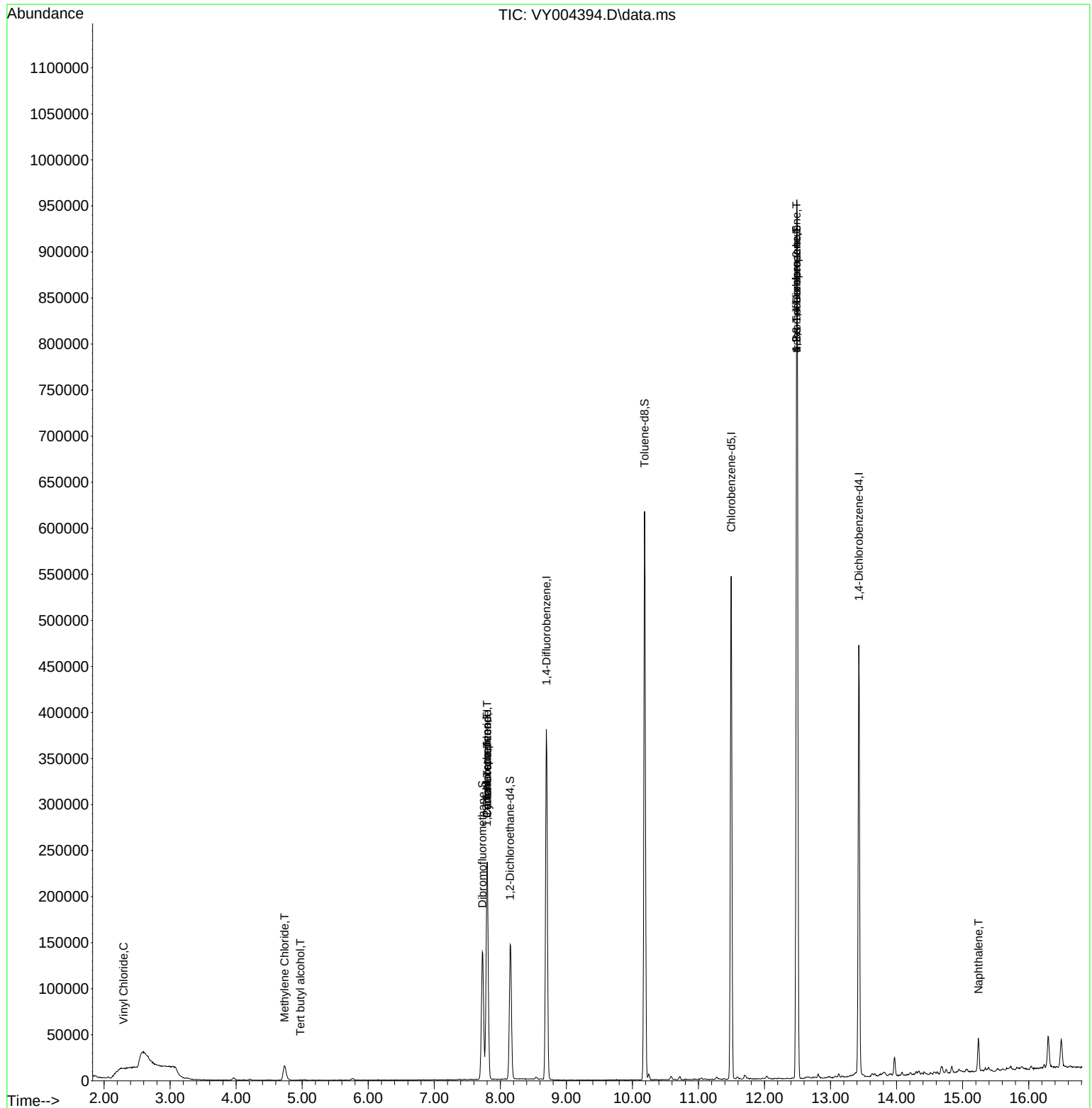
Internal Standards						
1) Pentafluorobenzene	7.801	168	179030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	281403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114181	57.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.80%
35) Dibromofluoromethane	7.728	113	95065	54.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.88%
50) Toluene-d8	10.185	98	379690	51.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.24%
62) 4-Bromofluorobenzene	12.483	95	124770	49.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.00%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.296	62	11798	4.66	ug/l #	43
11) Tert butyl alcohol	4.972	59	965	4.92	ug/l #	73
16) Acetone	3.960	43	4489	Below Cal		95
20) Methylene Chloride	4.734	84	11051	5.75	ug/l	99
31) Cyclohexane	7.801	56	3963	1.09	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	14581	4.66	ug/l #	51
38) Carbon Tetrachloride	7.801	117	17652	6.53	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	74070	61.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74070	110.04	ug/l #	13
95) Naphthalene	15.239	128	28730	6.20	ug/l	98

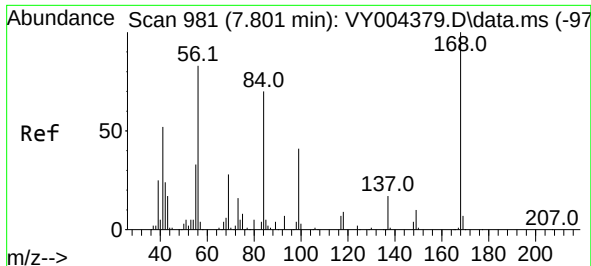
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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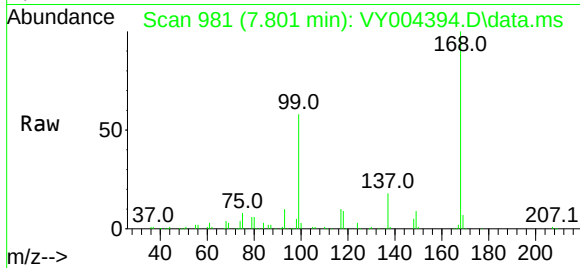
Quant Time: Apr 13 03:57:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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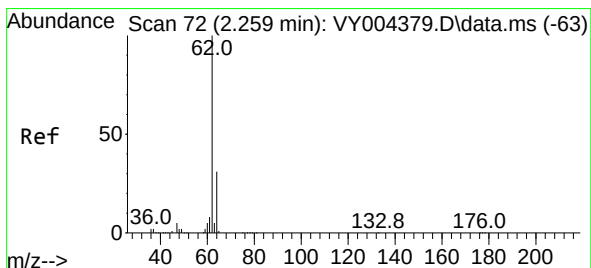
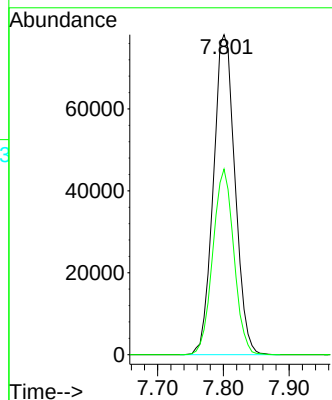
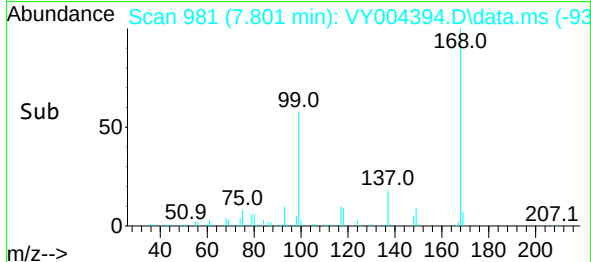


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

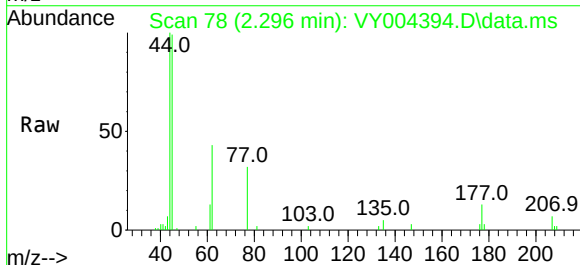
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041221



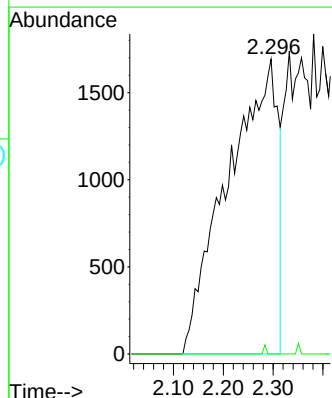
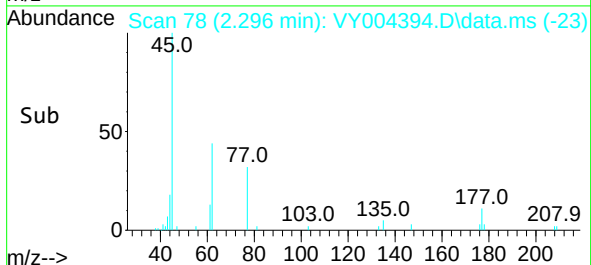
Tgt Ion:168 Resp: 179030
Ion Ratio Lower Upper
168 100
99 58.0 45.5 68.3

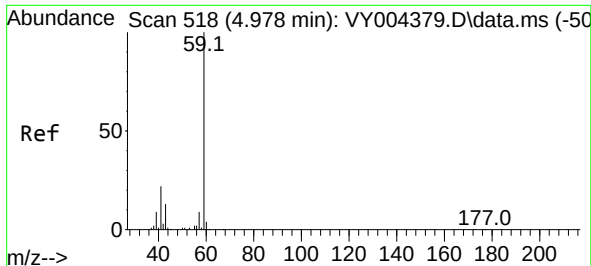


#4
Vinyl Chloride
Concen: 4.66 ug/l
RT: 2.296 min Scan# 78
Delta R.T. 0.037 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09



Tgt Ion: 62 Resp: 11798
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



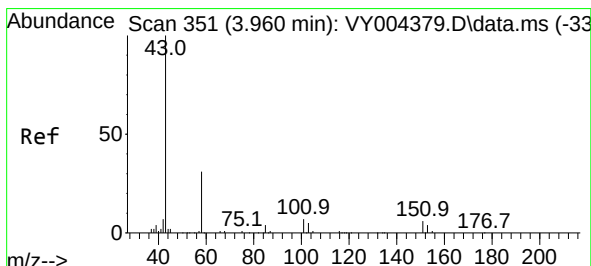
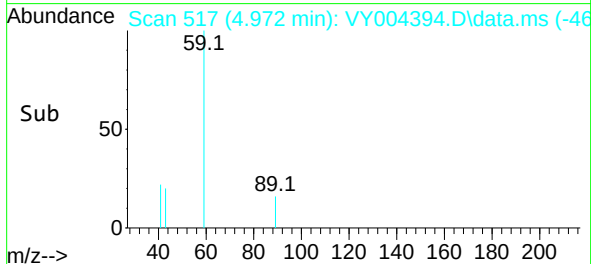
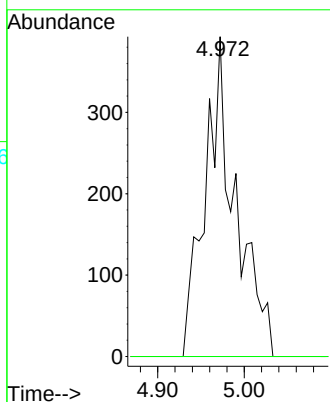
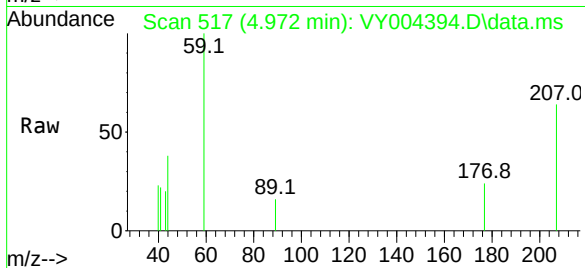


#11

Tert butyl alcohol
Concen: 4.92 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041221

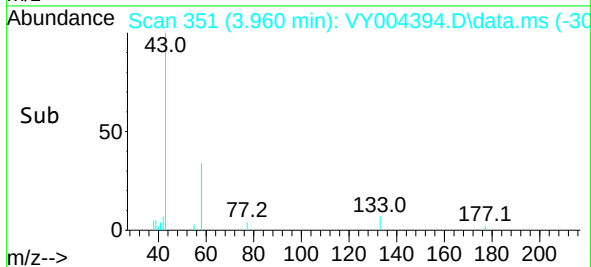
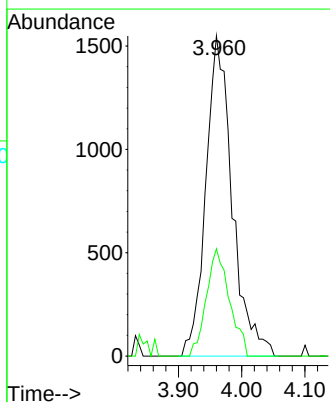
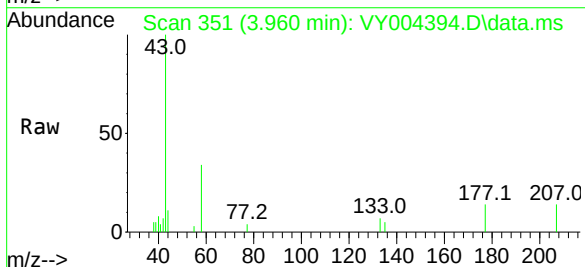
Tgt Ion: 59 Resp: 965
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

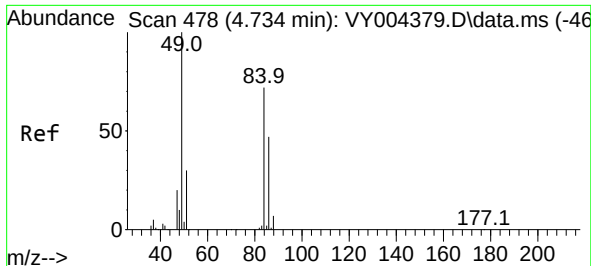


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

Tgt Ion: 43 Resp: 4489
Ion Ratio Lower Upper
43 100
58 33.5 24.6 37.0

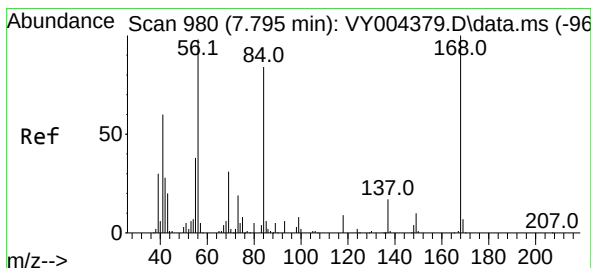
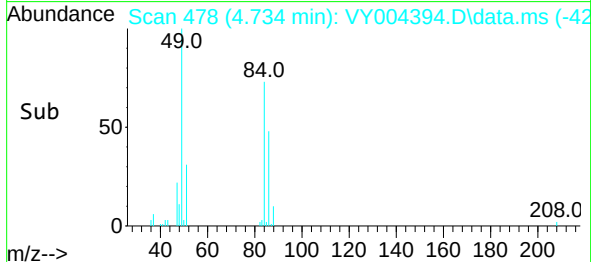
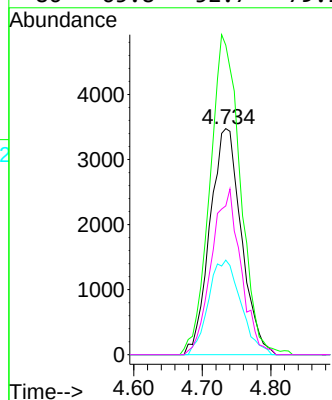
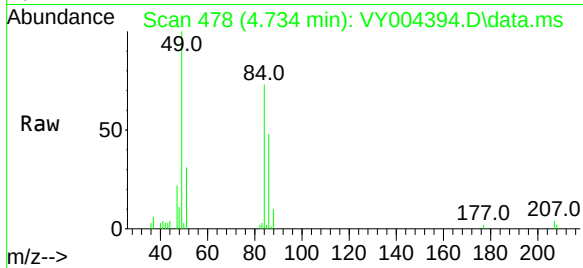




#20
Methylene Chloride
Concen: 5.75 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

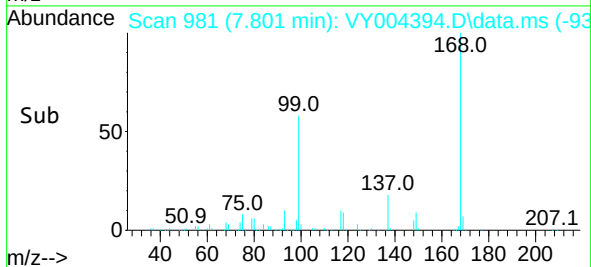
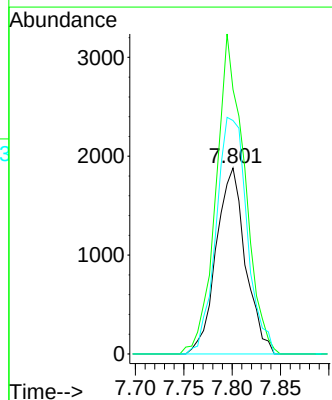
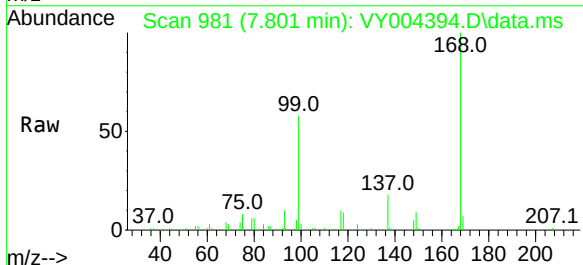
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041221

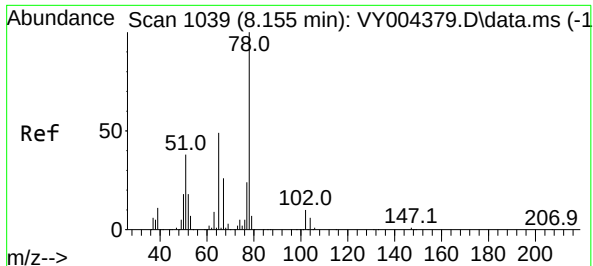
Tgt Ion:	84	Resp:	11051
Ion	Ratio	Lower	Upper
84	100		
49	136.8	111.2	166.8
51	41.8	33.4	50.2
86	65.8	52.7	79.1



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

Tgt Ion:	56	Resp:	3963
Ion	Ratio	Lower	Upper
56	100		
69	142.2	25.8	38.6#
84	125.6	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 57.40 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004394.D

Acq: 12 Apr 2021 19:09

Tgt Ion: 65 Resp: 114181

Ion Ratio Lower Upper

65 100

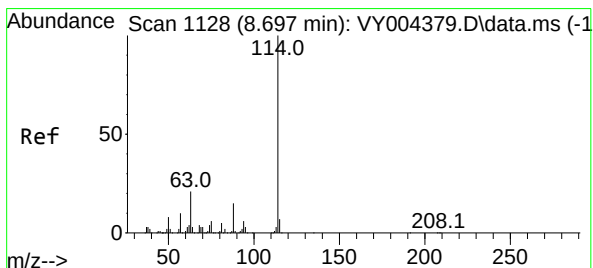
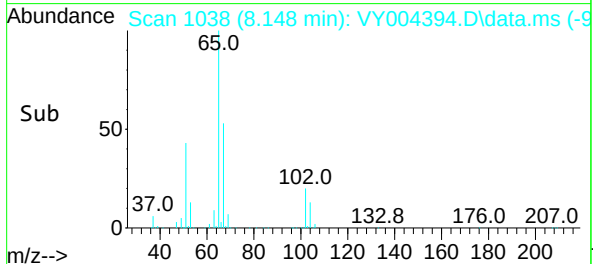
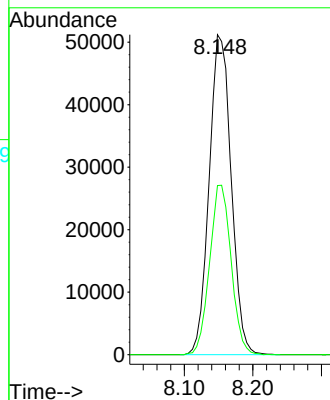
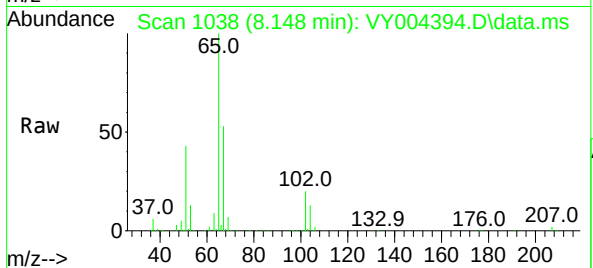
67 51.8 0.0 106.4

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-041221



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004394.D

Acq: 12 Apr 2021 19:09

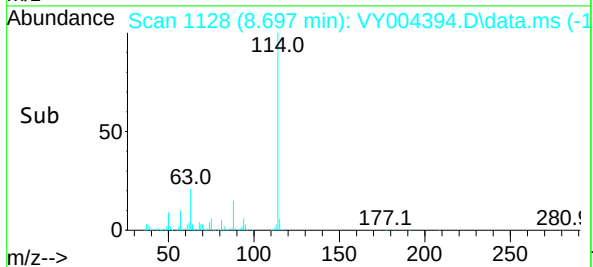
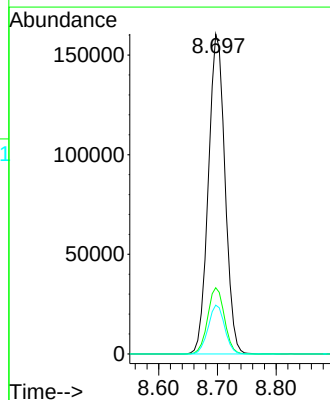
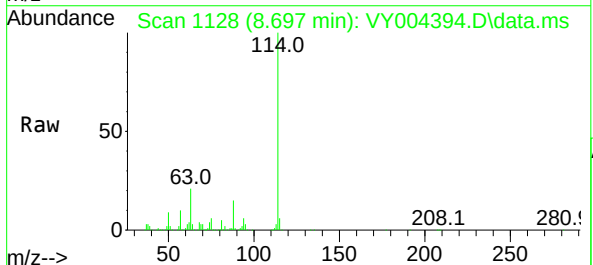
Tgt Ion:114 Resp: 314661

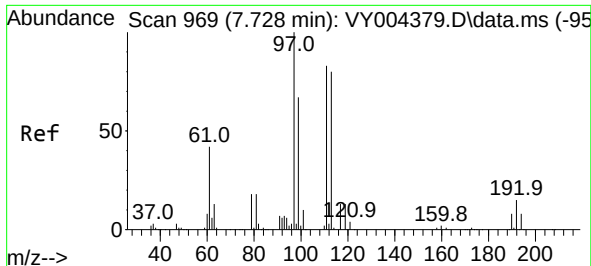
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 15.3 0.0 30.8

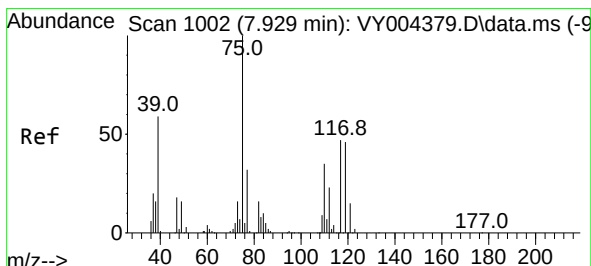
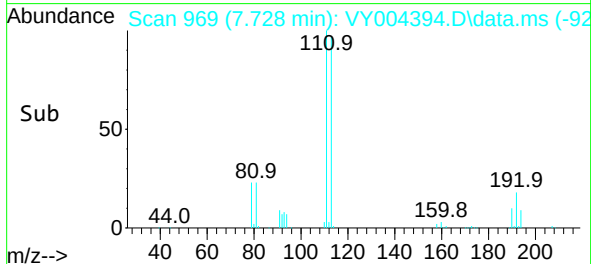
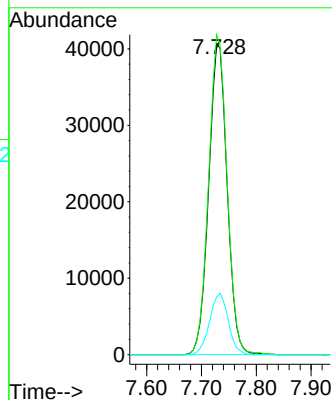
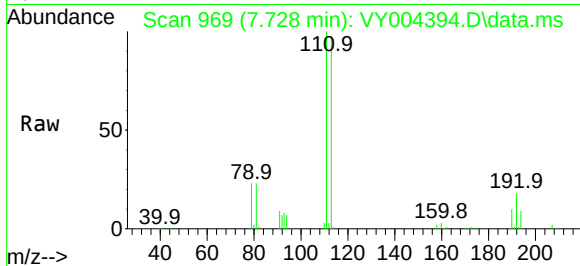




#35
Dibromofluoromethane
Concen: 54.44 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

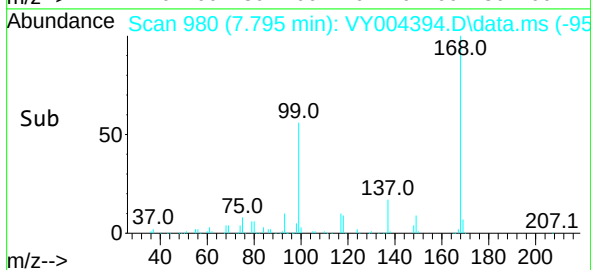
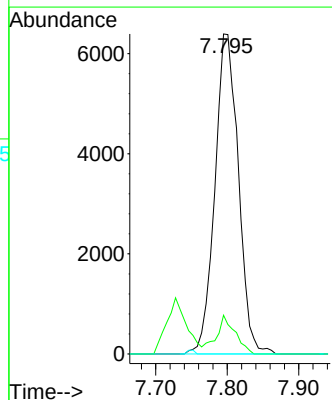
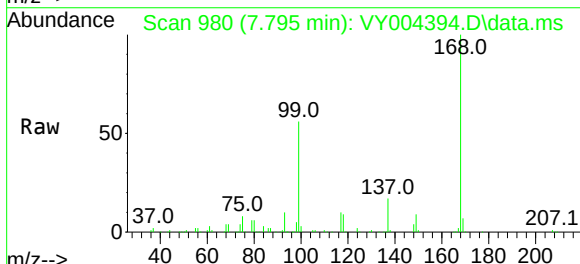
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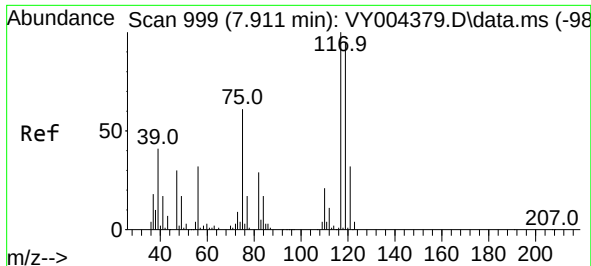
Tgt Ion:	113	Resp:	95065
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	20.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

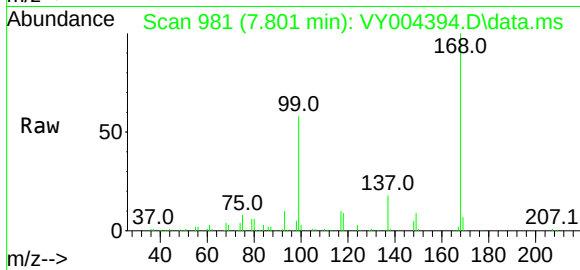
Tgt Ion:	75	Resp:	14581
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	51.7#
77	0.0	24.3	36.5#



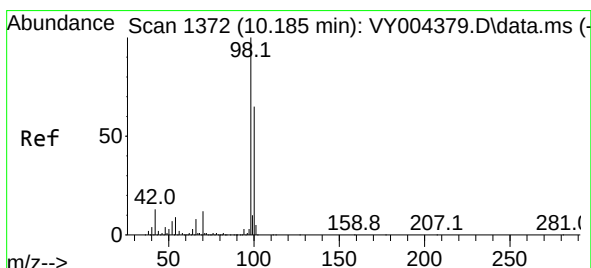
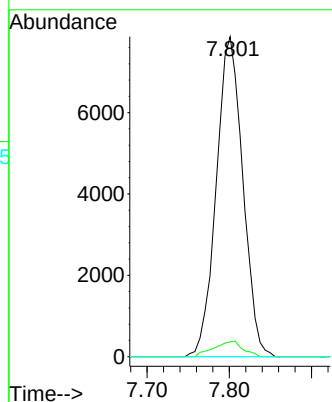
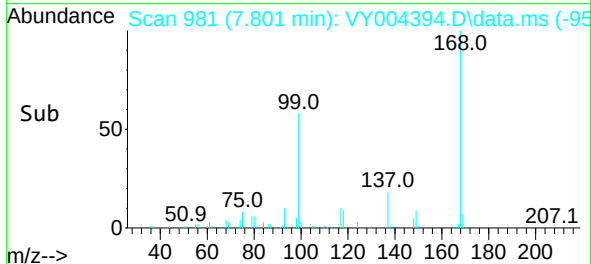


#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

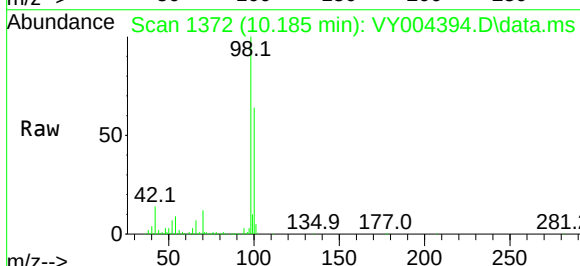
Instrument :
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ClientSampleId :
OR-02-041221



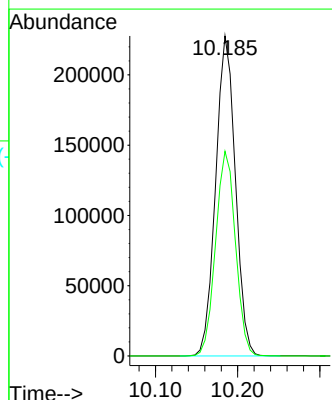
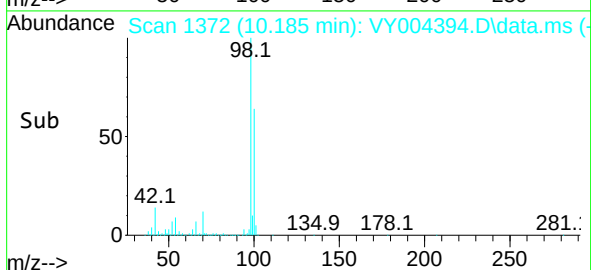
Tgt Ion: 117 Resp: 17652
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 25.3 37.9#

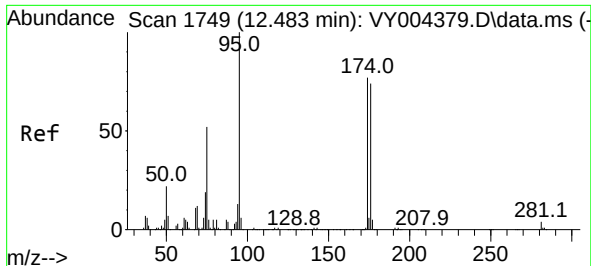


#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09



Tgt Ion: 98 Resp: 379690
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

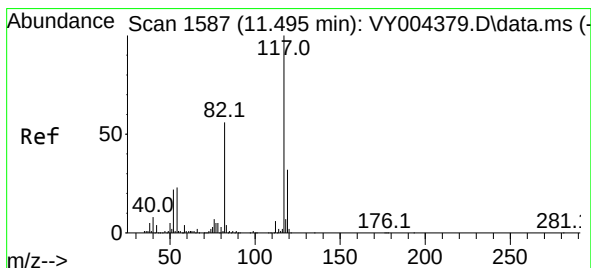
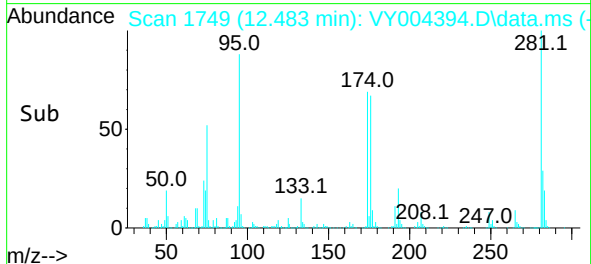
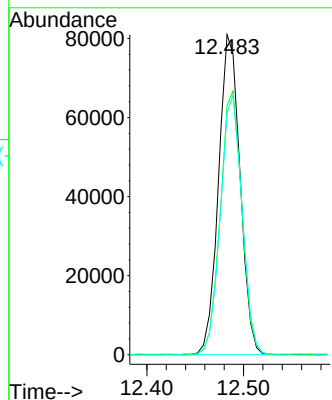
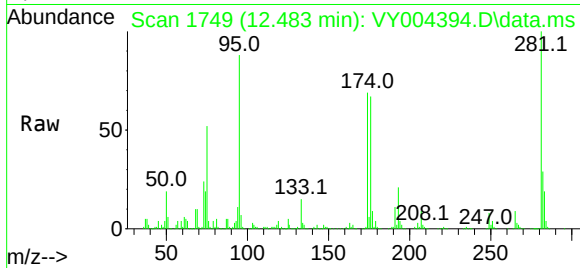




#62
4-Bromofluorobenzene
Concen: 49.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

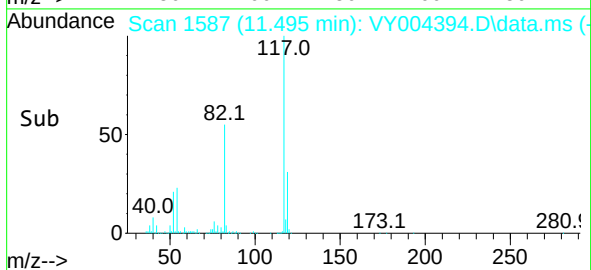
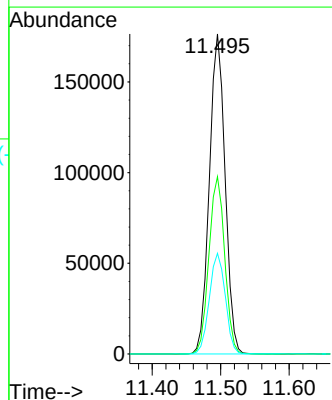
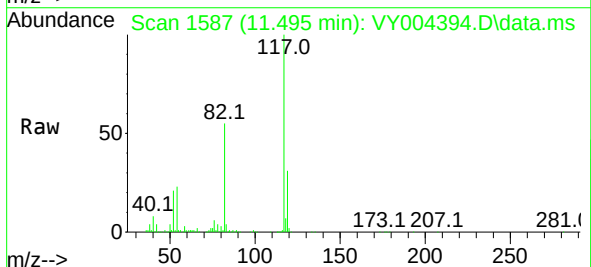
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041221

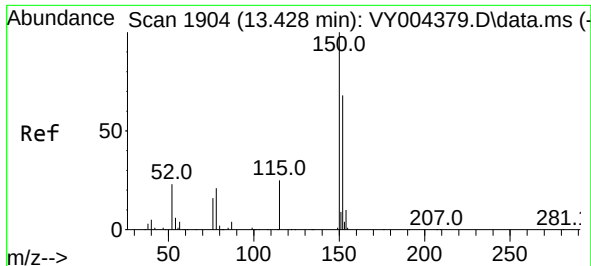
Tgt Ion: 95 Resp: 124770
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.4
176 81.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

Tgt Ion: 117 Resp: 281403
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.5 25.4 38.0

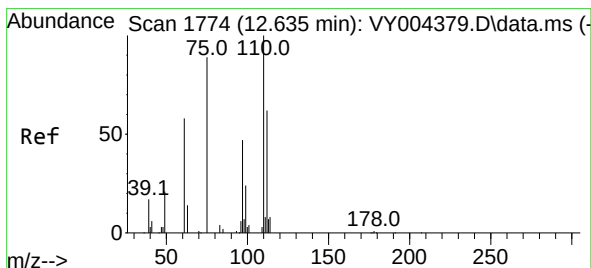
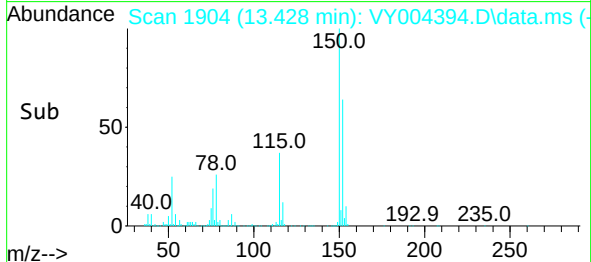
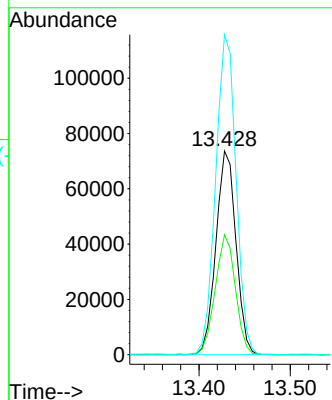
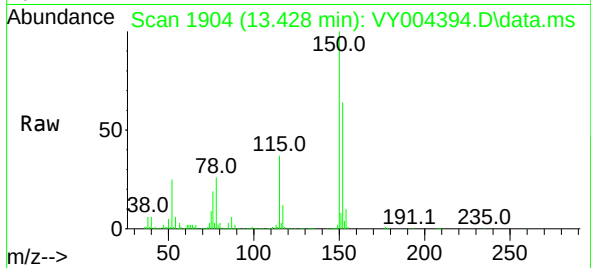




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

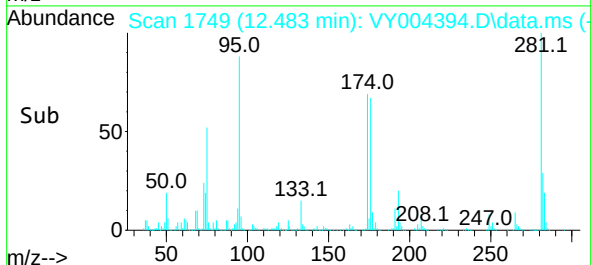
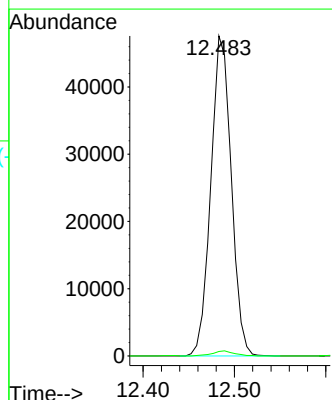
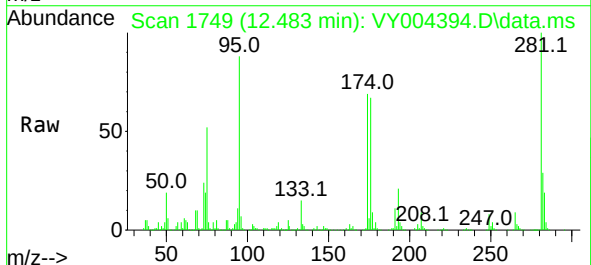
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041221

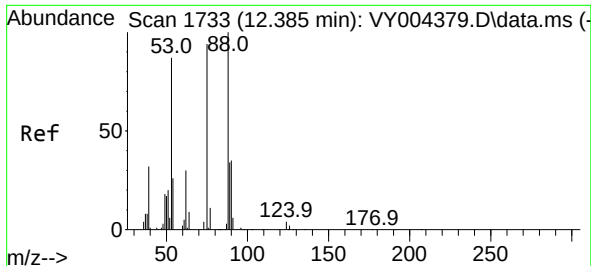
Tgt Ion:152 Resp: 112191
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 159.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 61.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004394.D
Acq: 12 Apr 2021 19:09

Tgt Ion: 75 Resp: 74070
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

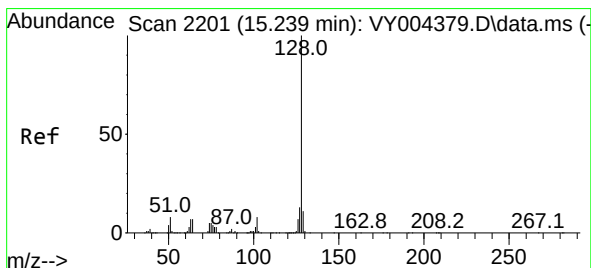
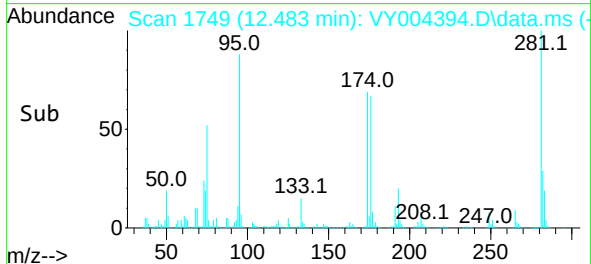
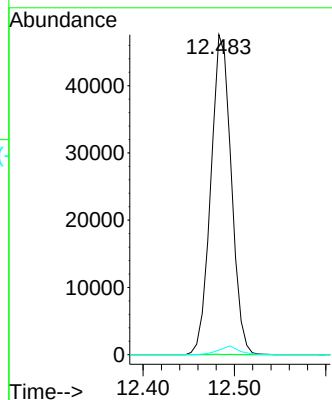
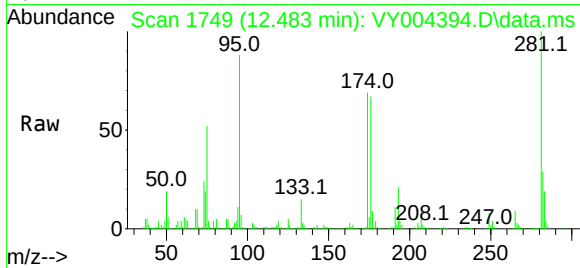




#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.04 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004394.D
 Acq: 12 Apr 2021 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-041221

Tgt Ion: 75 Resp: 74070
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 2.7 36.1 54.1#



#95
 Naphthalene
 Concen: 6.20 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY004394.D
 Acq: 12 Apr 2021 19:09

Tgt Ion: 128 Resp: 28730
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.2 15.2
 129 12.1 8.8 13.2

