

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003964.D
 Acq On : 03 Feb 2021 17:05
 Operator : SY/MD
 Sample : M1292-17
 Misc : 6.52g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2021-01-28-FD04

Quant Time: Feb 04 01:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

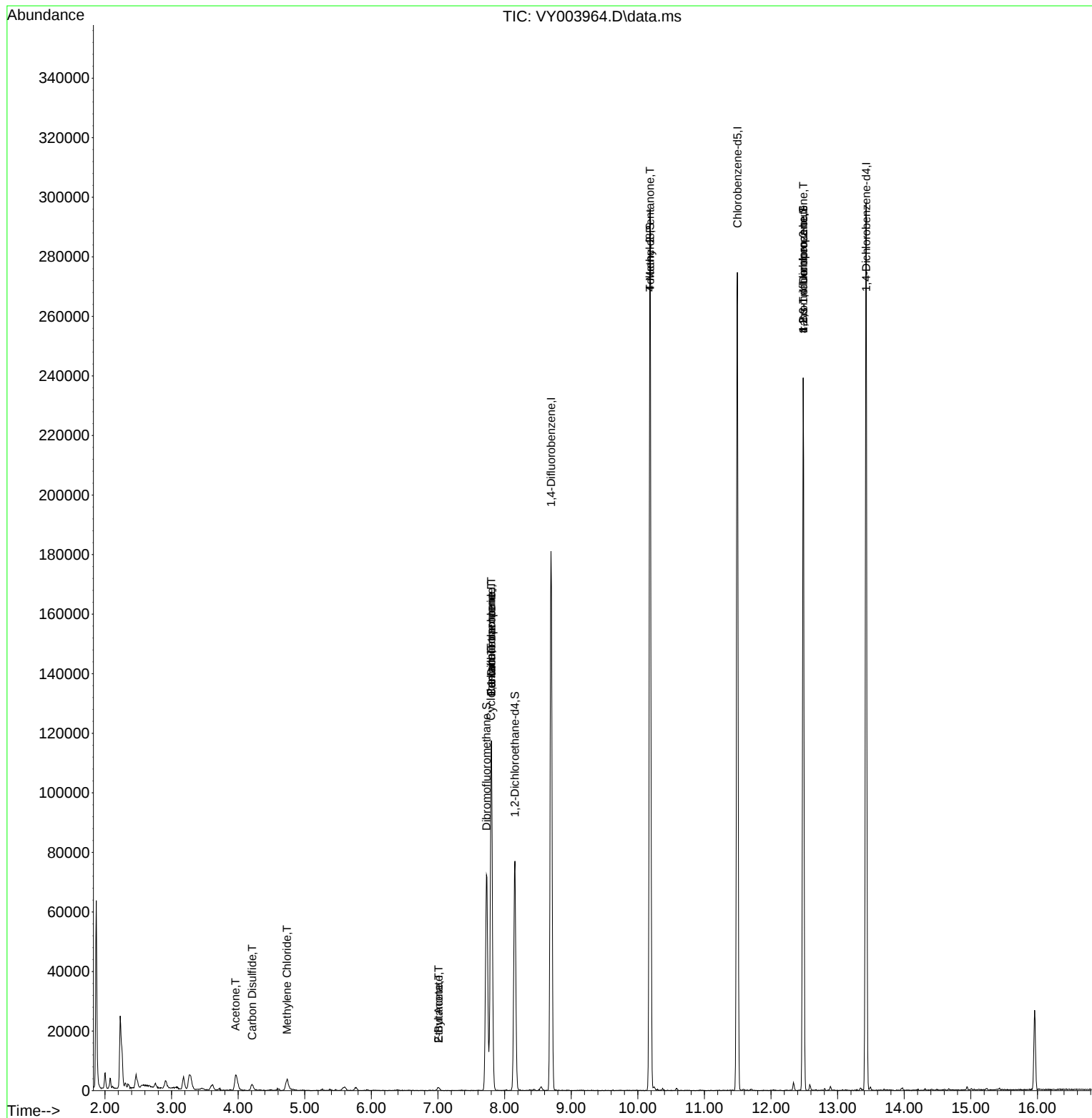
Internal Standards						
1) Pentafluorobenzene	7.801	168	90908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	153650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61479	61.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.00%			
35) Dibromofluoromethane	7.728	113	50174	55.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.70%			
50) Toluene-d8	10.185	98	186066	52.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.56%			
62) 4-Bromofluorobenzene	12.483	95	69790	54.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.985	59	161	Below Cal	#	77
16) Acetone	3.960	43	10179	41.48	ug/l	98
17) Carbon Disulfide	4.210	76	4160	1.54	ug/l #	82
20) Methylene Chloride	4.735	84	2694	2.59	ug/l	94
25) 2-Butanone	7.009	43	1988	5.69	ug/l #	78
31) Cyclohexane	7.795	56	1888	1.12	ug/l #	5
36) 1,1-Dichloropropene	7.801	75	6476	4.17	ug/l #	51
37) Ethyl Acetate	7.009	43	1988	2.26	ug/l #	71
38) Carbon Tetrachloride	7.801	117	8780	5.23	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	927	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37714	51.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37714	97.76	ug/l #	11

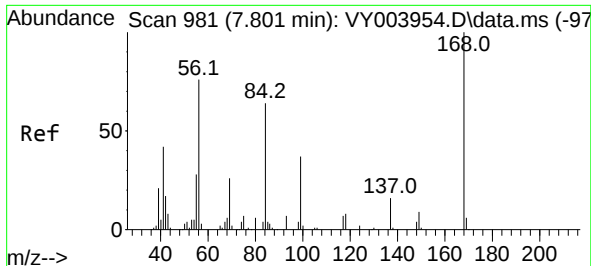
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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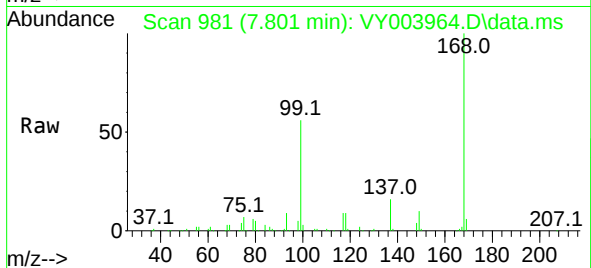
Quant Time: Feb 04 01:21:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
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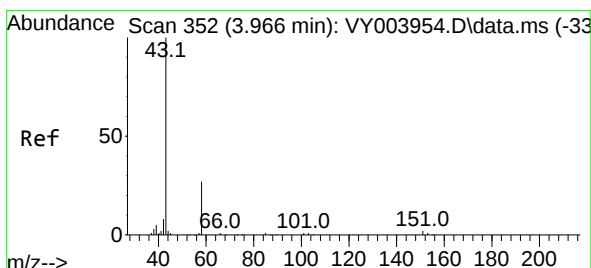
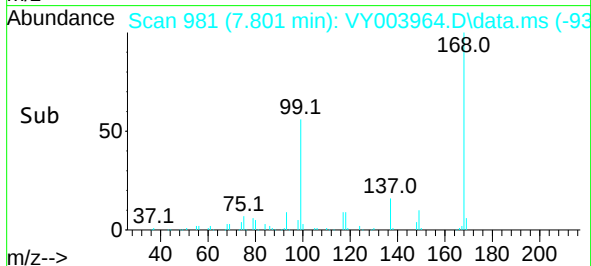
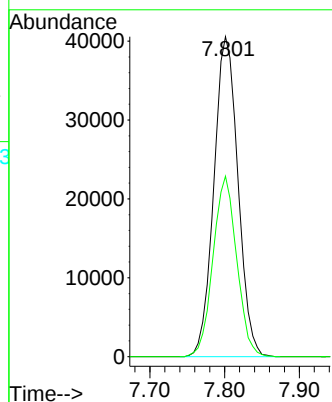


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :
2021-01-28-FD04

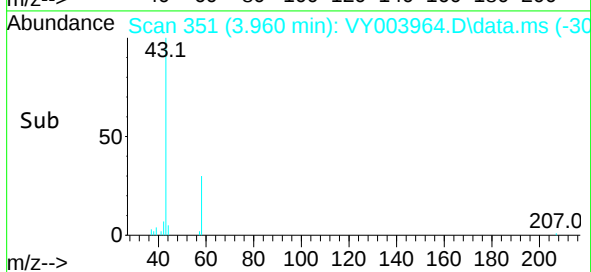
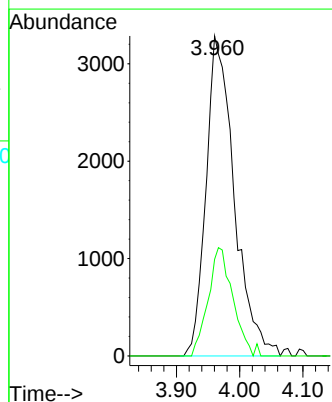
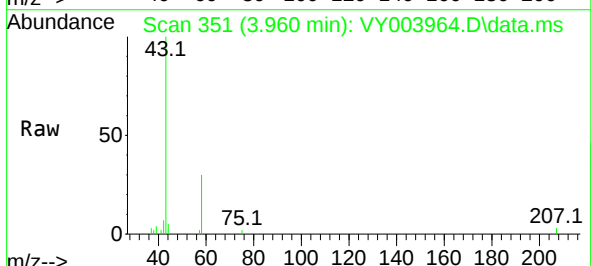


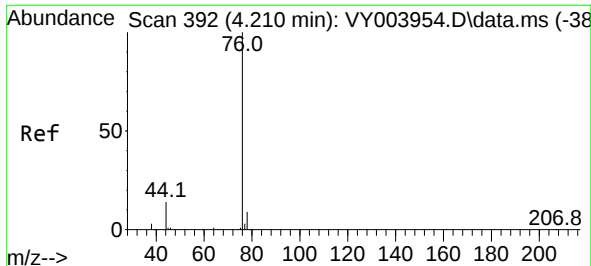
Tgt Ion:168 Resp: 90908
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#16
Acetone
Concen: 41.48 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

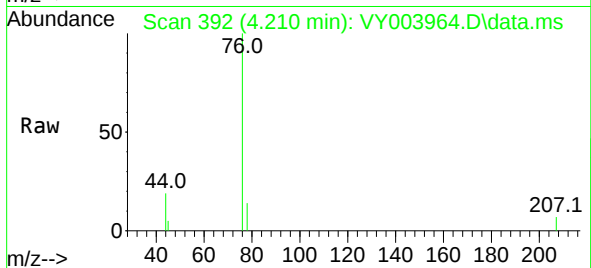
Tgt Ion: 43 Resp: 10179
Ion Ratio Lower Upper
43 100
58 30.2 23.4 35.0



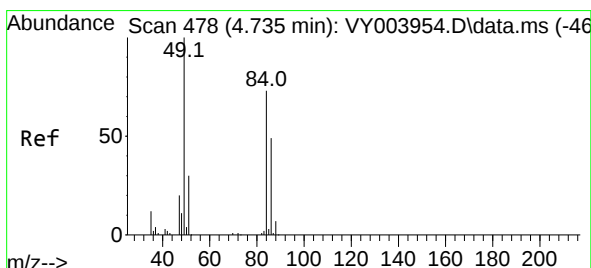
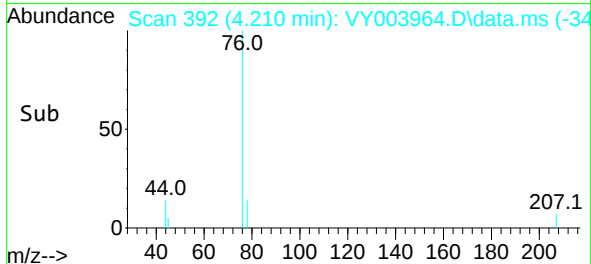
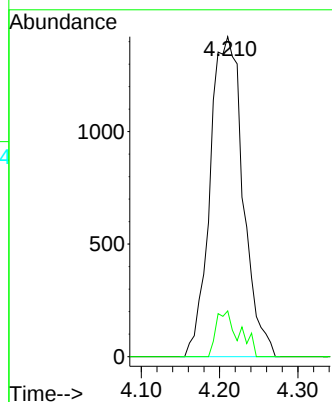


#17
Carbon Disulfide
Concen: 1.54 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :
2021-01-28-FD04

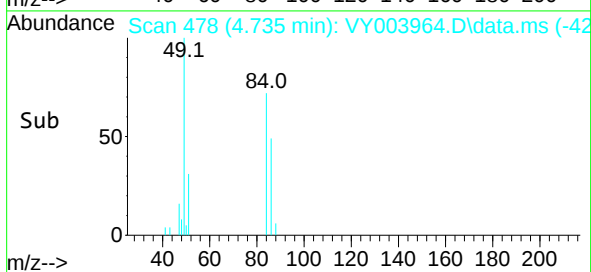
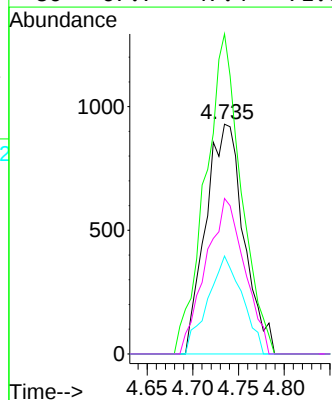
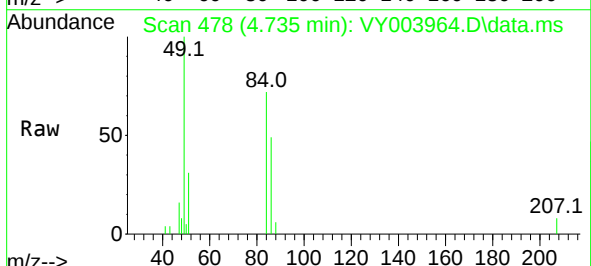


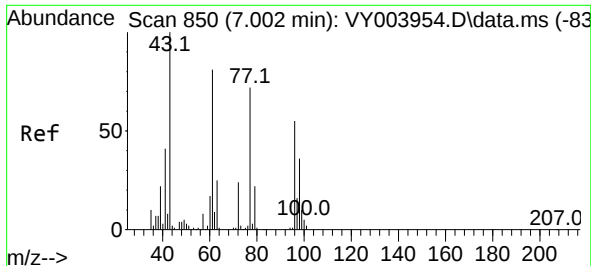
Tgt Ion: 76 Resp: 4160
Ion Ratio Lower Upper
76 100
78 14.3 6.3 9.5#



#20
Methylene Chloride
Concen: 2.59 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Tgt Ion: 84 Resp: 2694
Ion Ratio Lower Upper
84 100
49 139.3 107.0 160.4
51 42.6 31.9 47.9
86 67.7 47.4 71.0

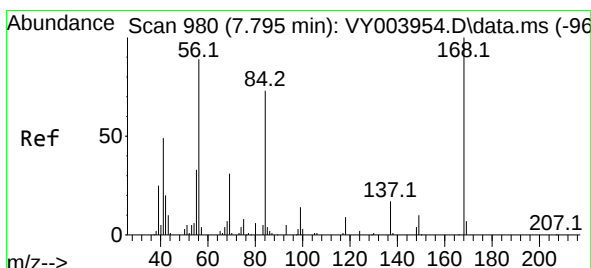
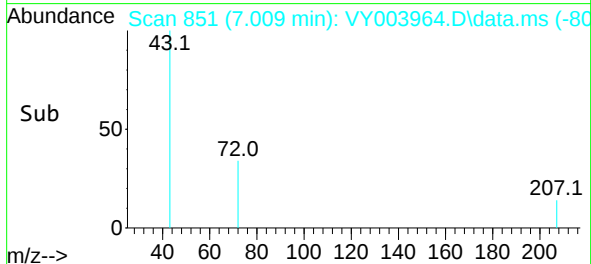
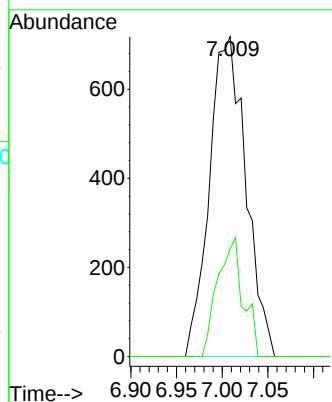
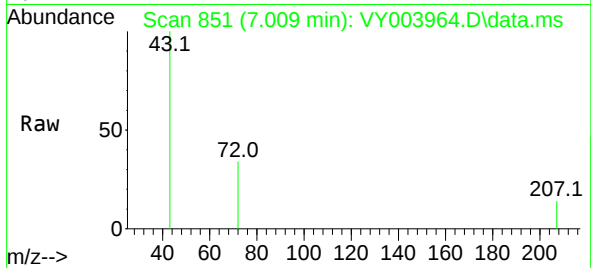




#25
2-Butanone
Concen: 5.69 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

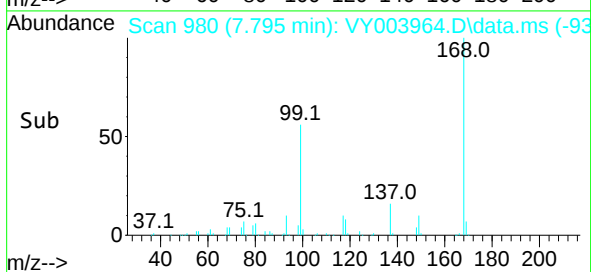
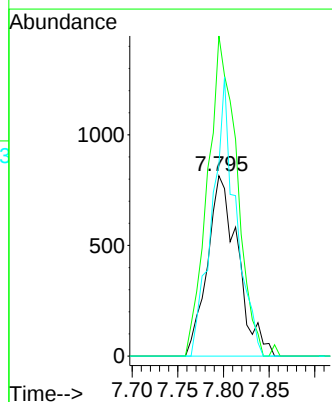
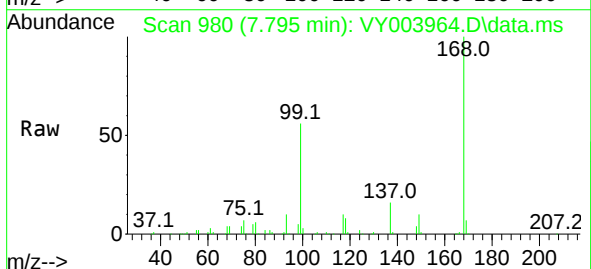
Instrument :
MSVOA_Y
ClientSampleId :
2021-01-28-FD04

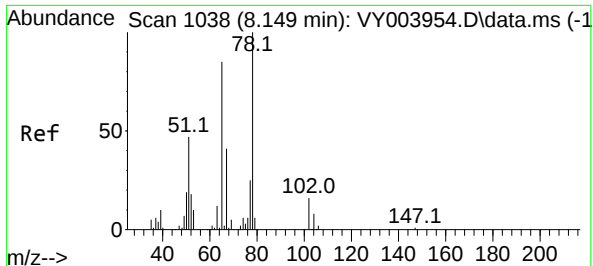
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
72 33.6 18.5 27.7#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Tgt Ion: 56 Resp: 1888
Ion Ratio Lower Upper
56 100
69 177.5 25.0 37.4#
84 106.1 64.5 96.7#





#33

1,2-Dichloroethane-d4

Concen: 61.50 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

Tgt Ion: 65 Resp: 61479

Ion Ratio Lower Upper

65 100

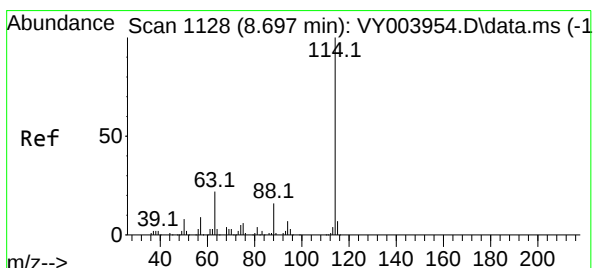
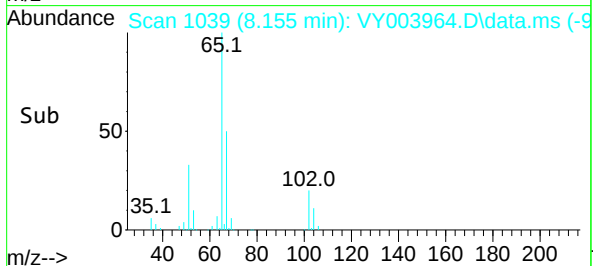
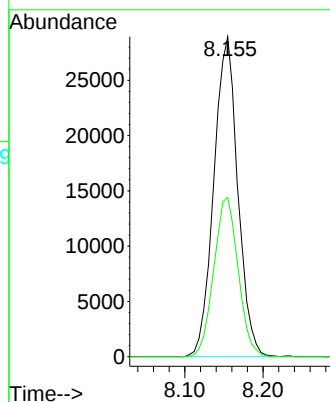
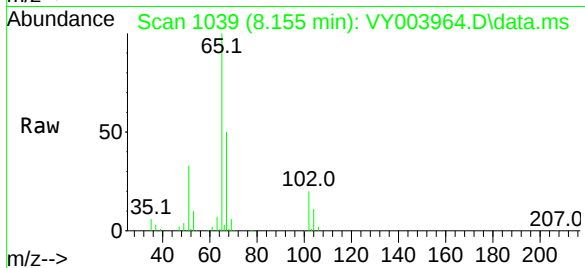
67 50.5 0.0 101.8

Instrument :

MSVOA_Y

ClientSampleId :

2021-01-28-FD04



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

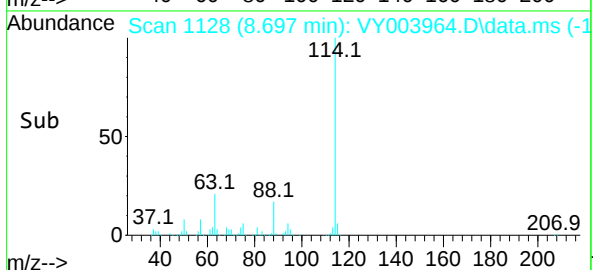
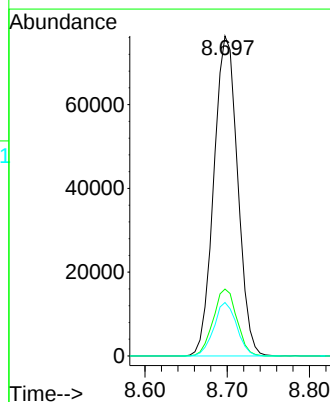
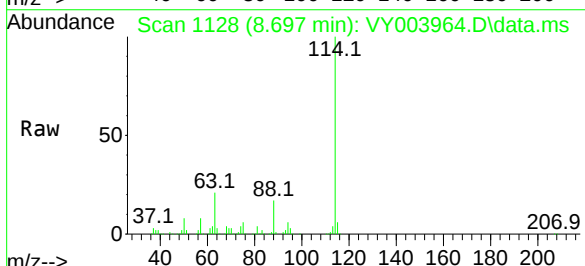
Tgt Ion:114 Resp: 153650

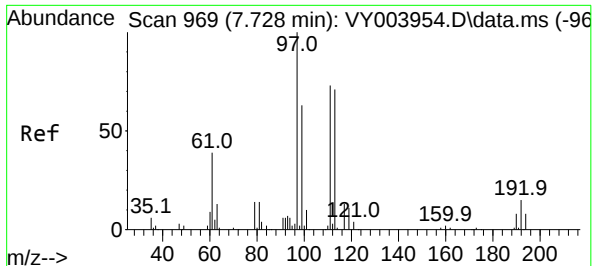
Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.2

88 16.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.85 ug/l

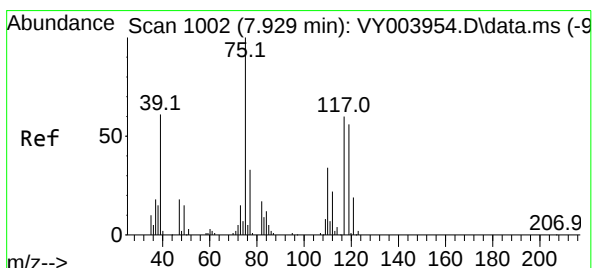
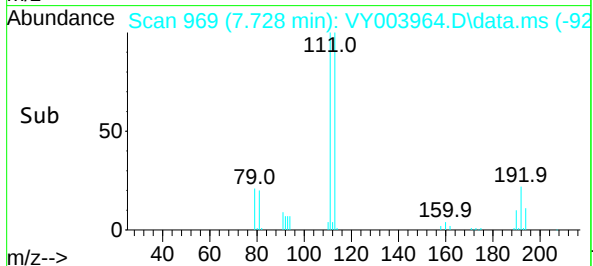
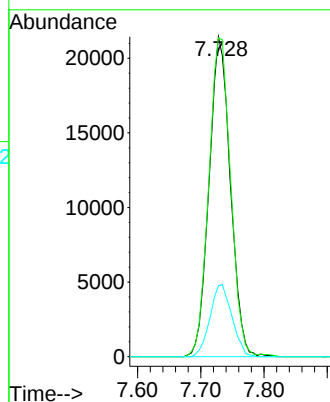
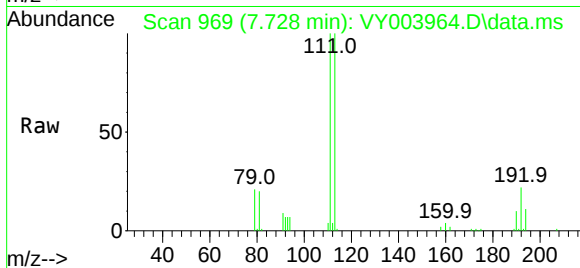
RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

Tgt Ion:	113	Resp:	50174
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	23.2	18.3	27.5



#36

1,1-Dichloropropene

Concen: 4.17 ug/l

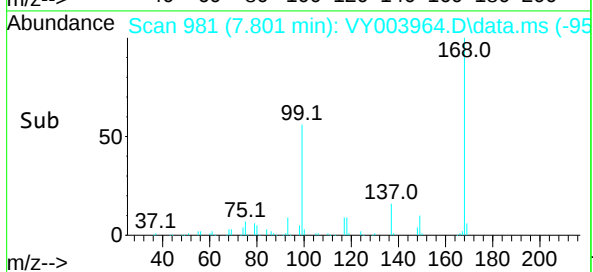
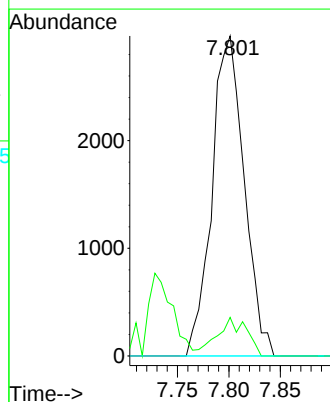
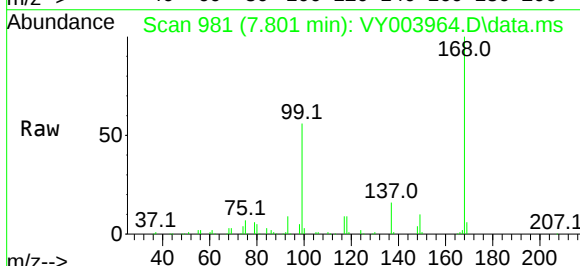
RT: 7.801 min Scan# 981

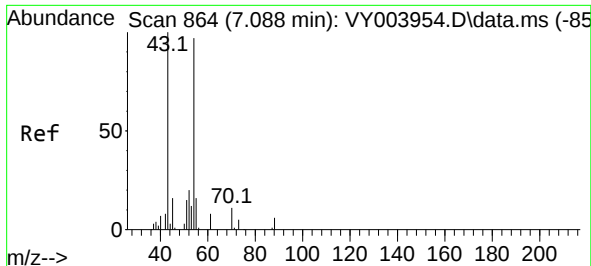
Delta R.T. -0.128 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

Tgt Ion:	75	Resp:	6476
Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.9	53.8#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 2.26 ug/l

RT: 7.009 min Scan# 851

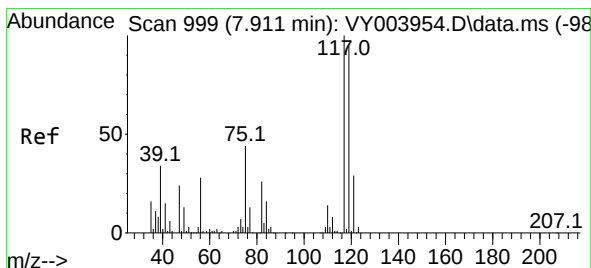
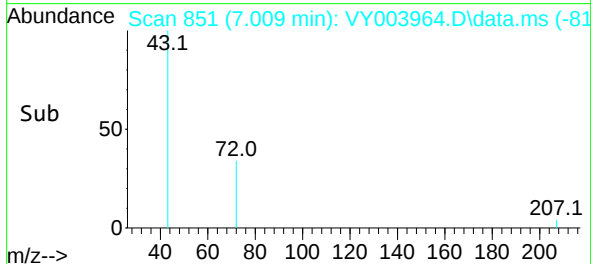
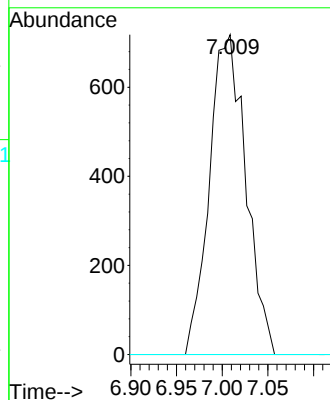
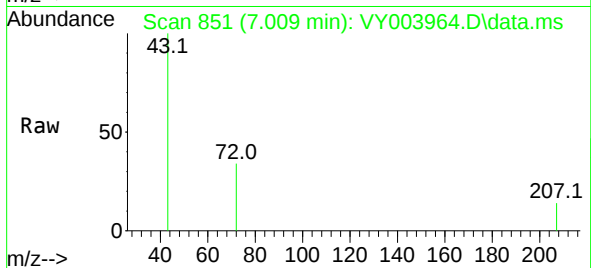
Delta R.T. -0.079 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

Tgt Ion:	43	Resp:	1988
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.5	14.3#
70	0.0	7.7	11.5#

Instrument :
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ClientSampleId :
2021-01-28-FD04



#38

Carbon Tetrachloride

Concen: 5.23 ug/l

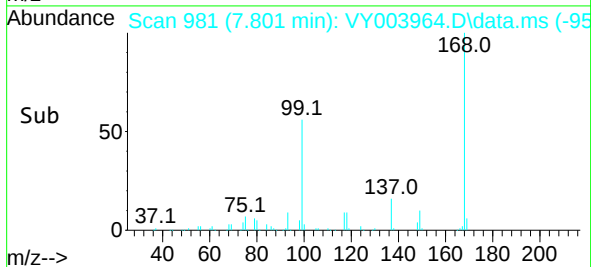
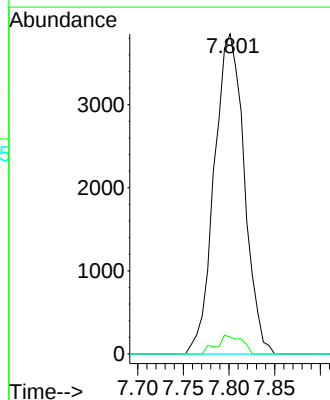
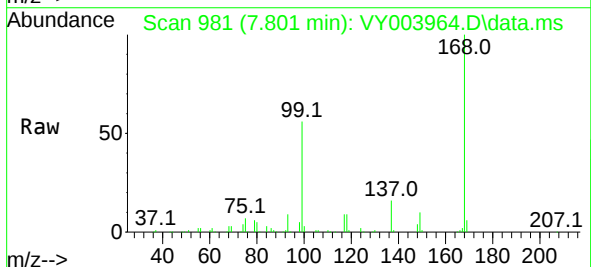
RT: 7.801 min Scan# 981

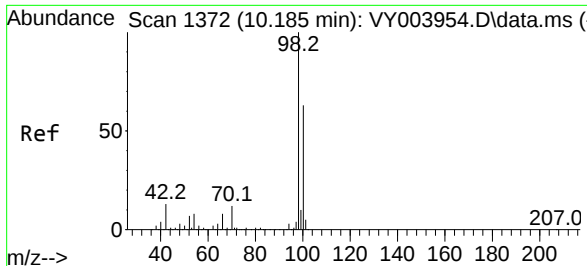
Delta R.T. -0.110 min

Lab File: VY003964.D

Acq: 03 Feb 2021 17:05

Tgt Ion:	117	Resp:	8780
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	26.1	39.1#

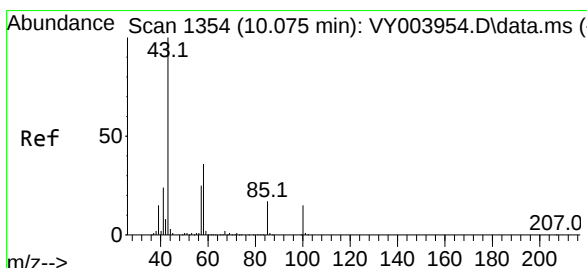
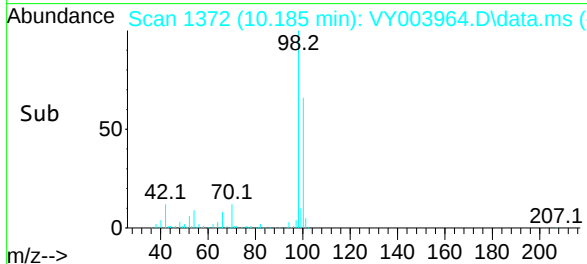
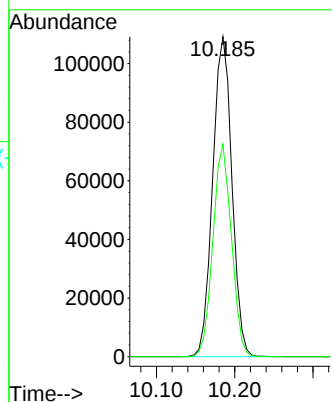
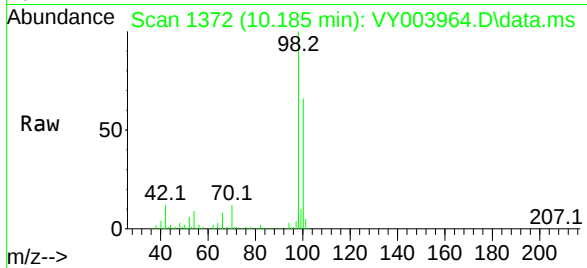




#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

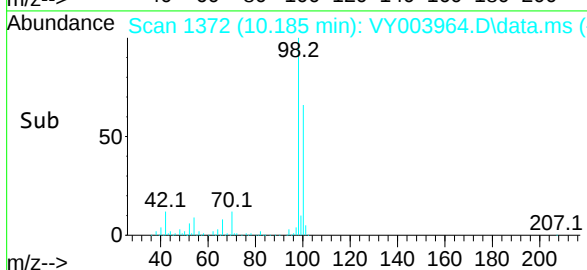
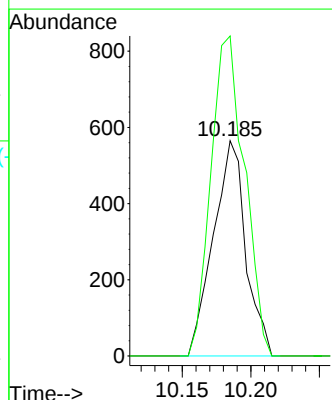
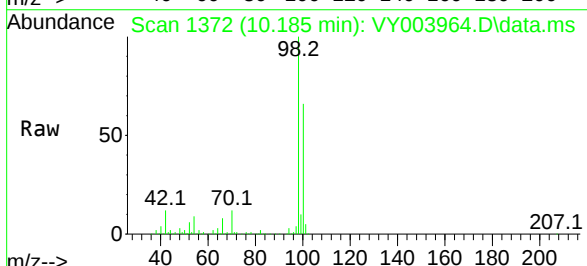
Instrument :
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2021-01-28-FD04

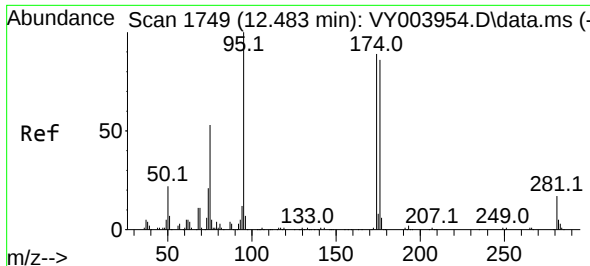
Tgt Ion: 98 Resp: 186066
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 154.9 28.6 42.8#

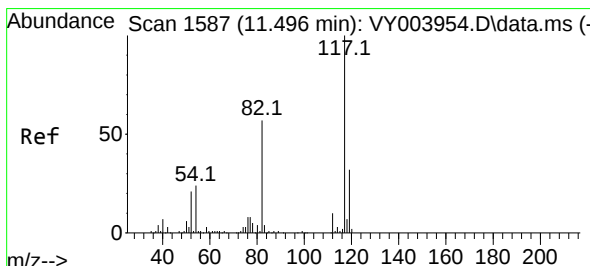
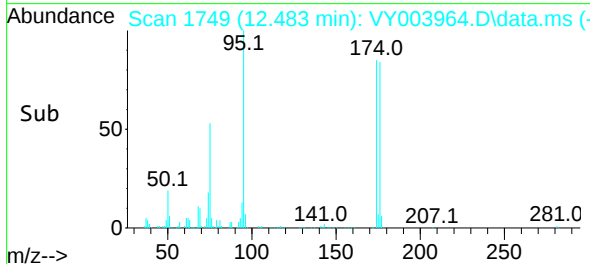
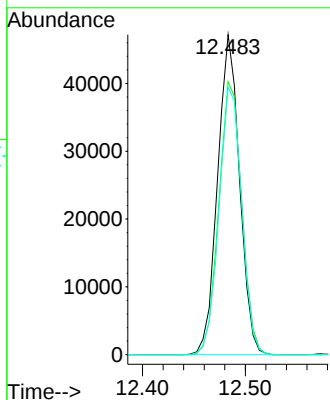
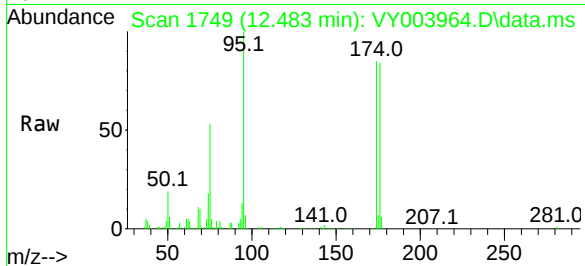




#62
4-Bromofluorobenzene
Concen: 54.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

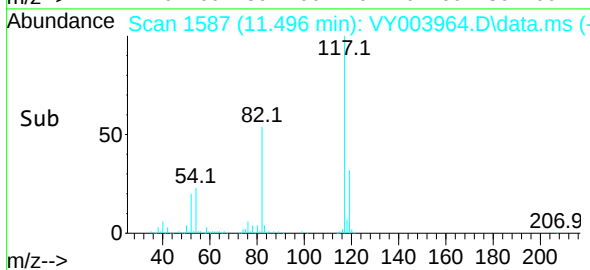
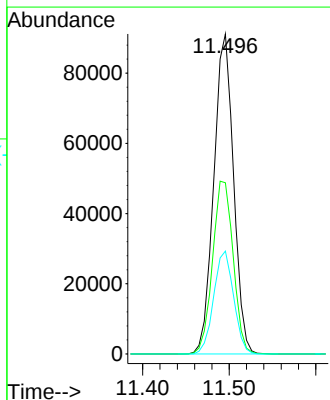
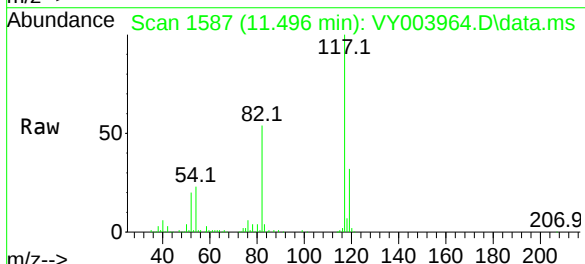
Instrument :
MSVOA_Y
ClientSampleId :
2021-01-28-FD04

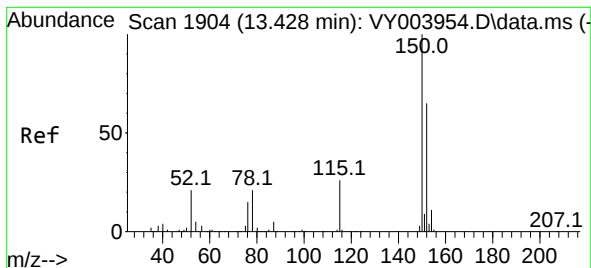
Tgt Ion: 95 Resp: 69790
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.4
176 86.5 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003964.D
Acq: 03 Feb 2021 17:05

Tgt Ion:117 Resp: 144361
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.1 25.0 37.6

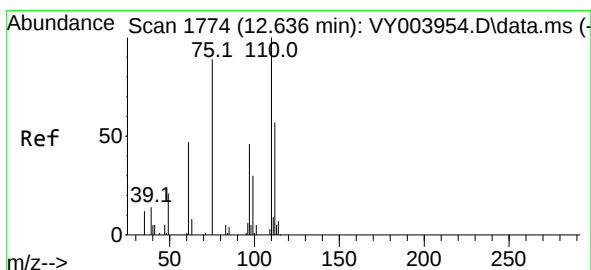
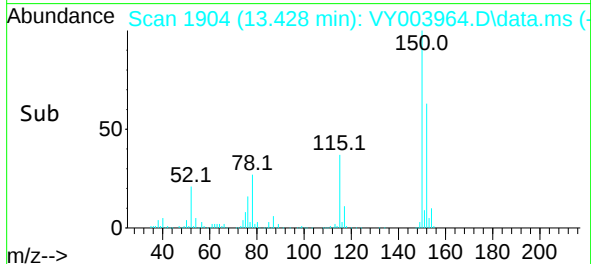
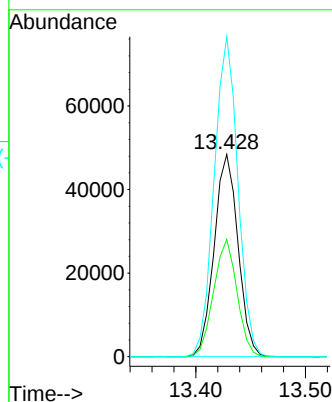
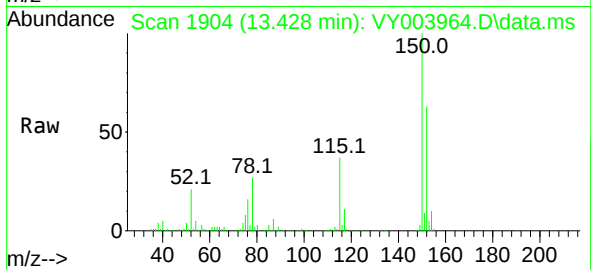




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY003964.D
 Acq: 03 Feb 2021 17:05

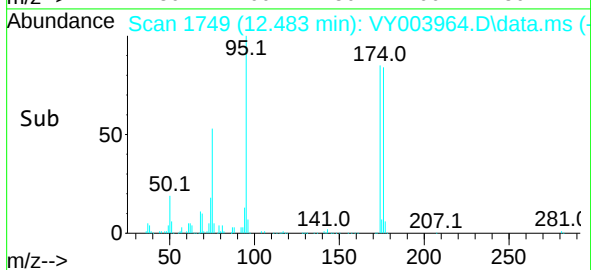
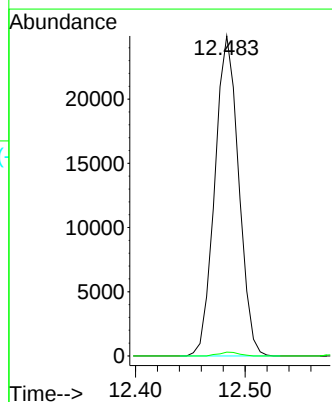
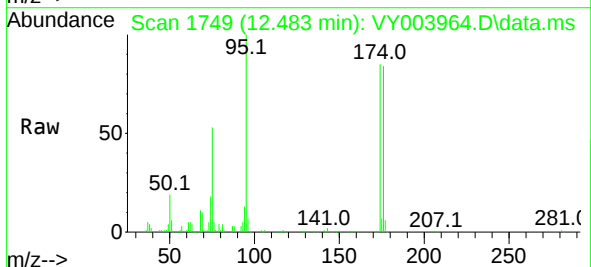
Instrument :
 MSVOA_Y
 ClientSampleId :
 2021-01-28-FD04

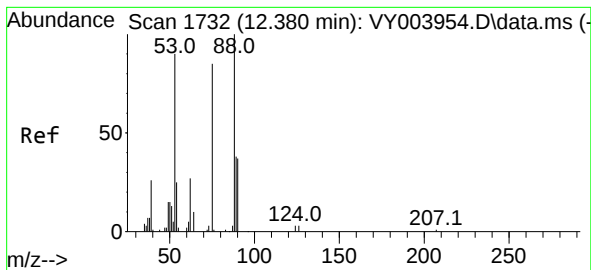
Tgt Ion:152 Resp: 73191
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.6
 150 157.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 51.15 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003964.D
 Acq: 03 Feb 2021 17:05

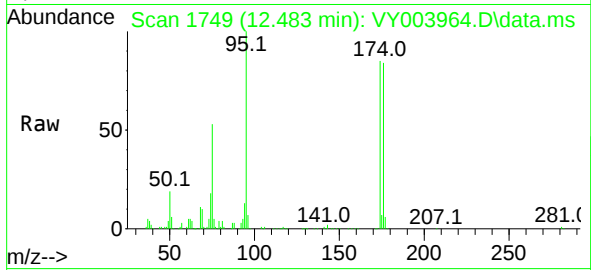
Tgt Ion: 75 Resp: 37714
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003964.D
 Acq: 03 Feb 2021 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 2021-01-28-FD04



Tgt Ion: 75 Resp: 37714
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

