

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003972.D
 Acq On : 03 Feb 2021 20:11
 Operator : SY/MD
 Sample : M1291-08
 Misc : 10.63g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:23:16 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	95046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	157206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	151262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59655	57.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.16%
35) Dibromofluoromethane	7.728	113	50853	55.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.66%
50) Toluene-d8	10.185	98	193684	53.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.40%
62) 4-Bromofluorobenzene	12.483	95	70512	53.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.26%

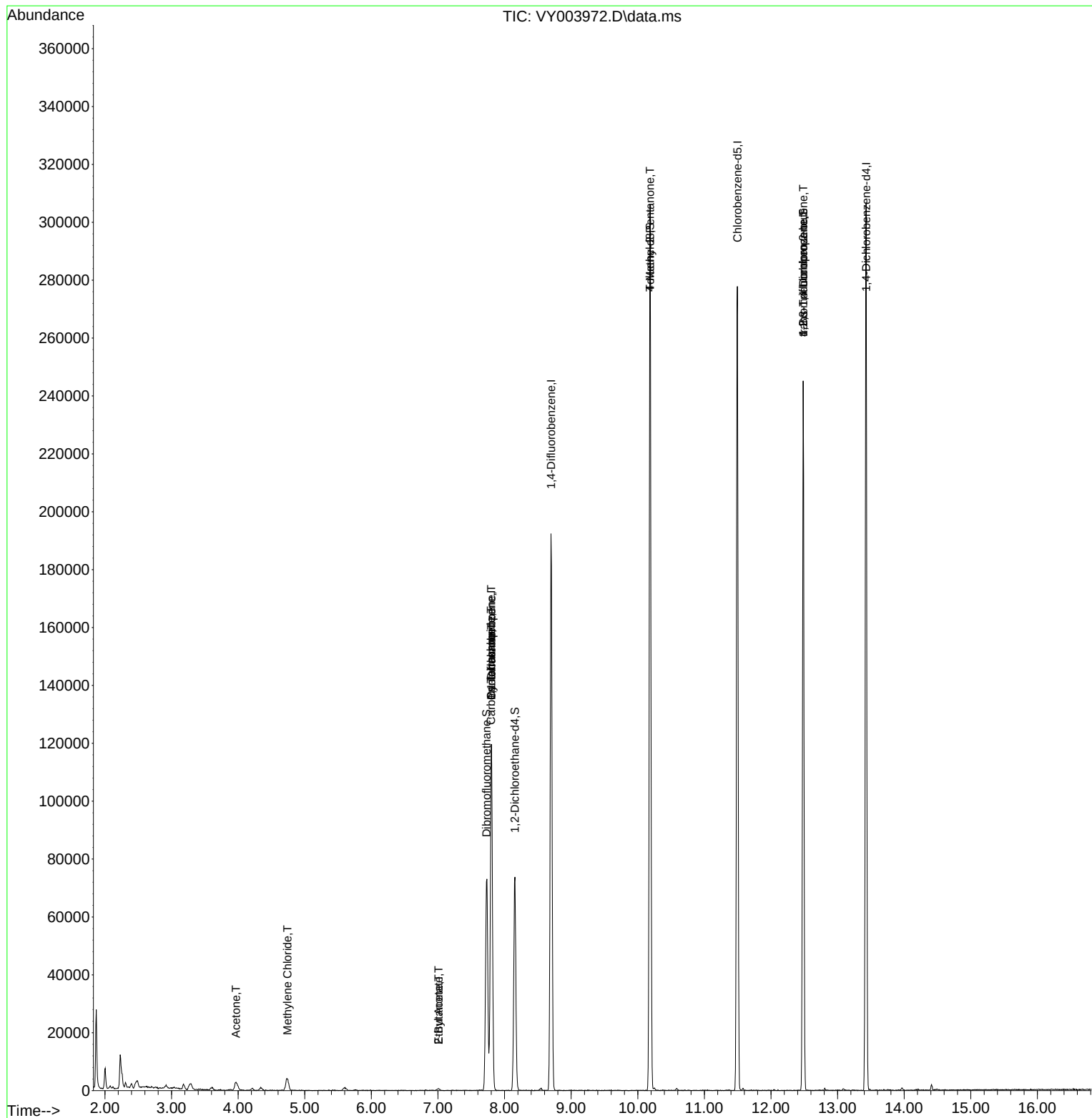
Target Compounds						Qvalue
16) Acetone	3.967	43	5521	21.52	ug/l	98
20) Methylene Chloride	4.741	84	3135	2.88	ug/l #	84
25) 2-Butanone	7.009	43	1110	3.04	ug/l	98
31) Cyclohexane	7.801	56	1790	1.02	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	7038	4.43	ug/l #	49
37) Ethyl Acetate	7.009	43	1110	1.23	ug/l #	71
38) Carbon Tetrachloride	7.795	117	8756	5.10	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	935	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37717	47.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37717	91.69	ug/l #	11

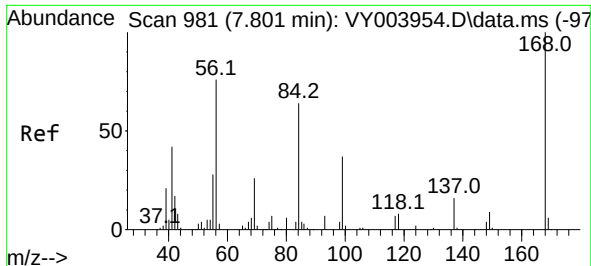
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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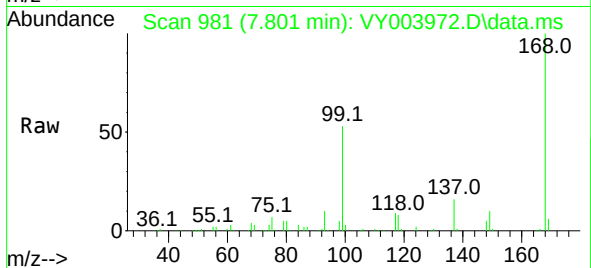
Quant Time: Feb 04 01:23:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 01 00:38:02 2021
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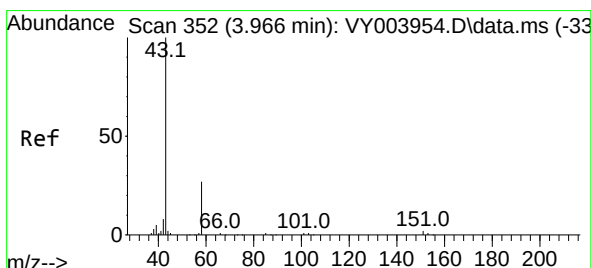
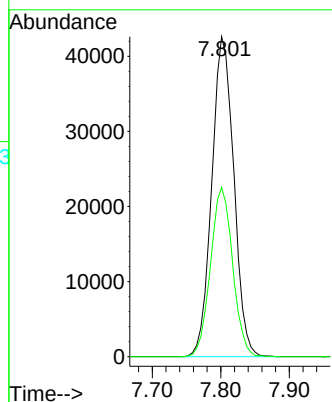
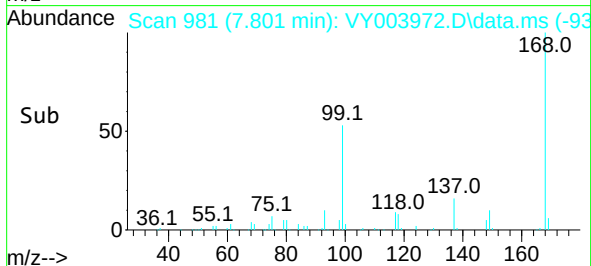


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

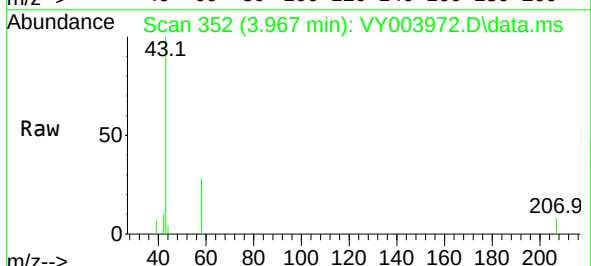
Instrument :
MSVOA_Y
ClientSampleId :



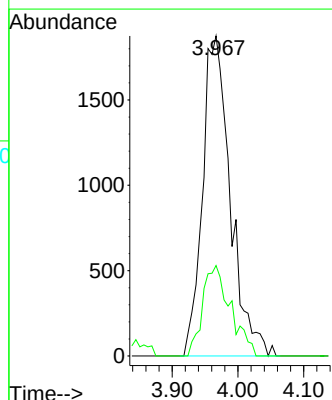
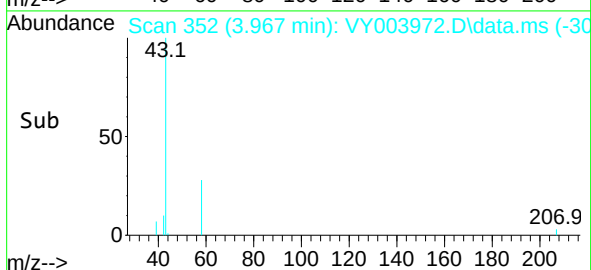
Tgt Ion:168 Resp: 95046
Ion Ratio Lower Upper
168 100
99 52.9 46.1 69.1

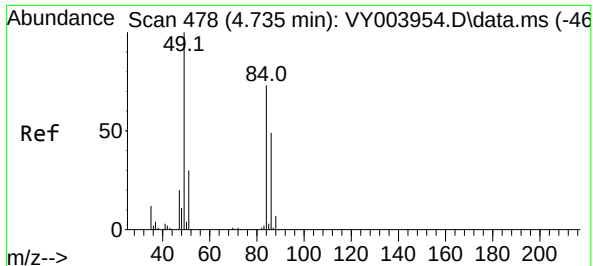


#16
Acetone
Concen: 21.52 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11



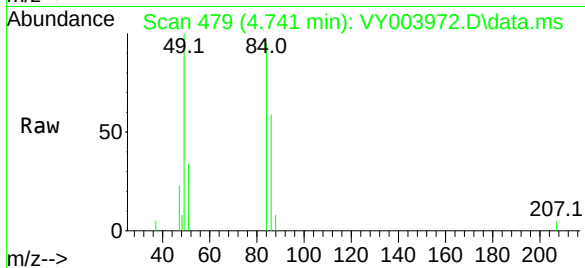
Tgt Ion: 43 Resp: 5521
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.0



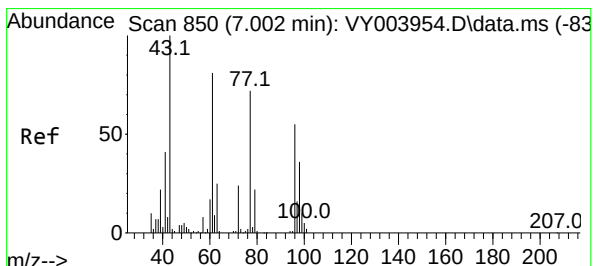
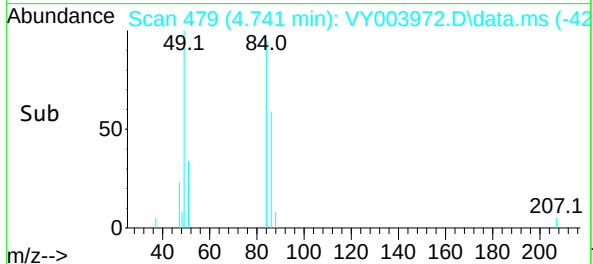
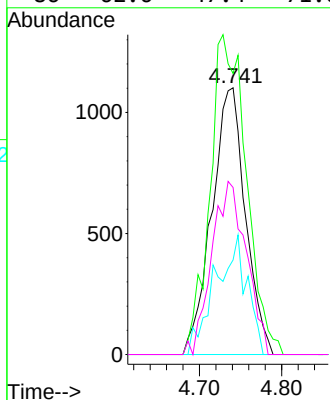


#20
Methylene Chloride
Concen: 2.88 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

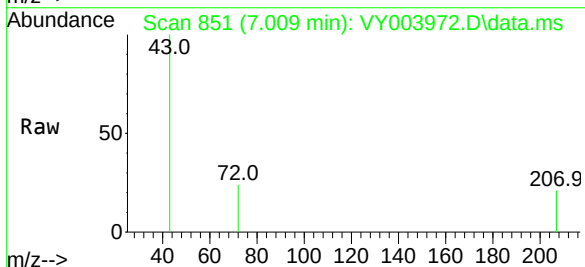
Instrument :
MSVOA_Y
ClientSampleId :



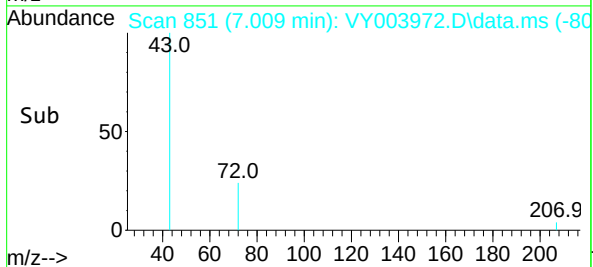
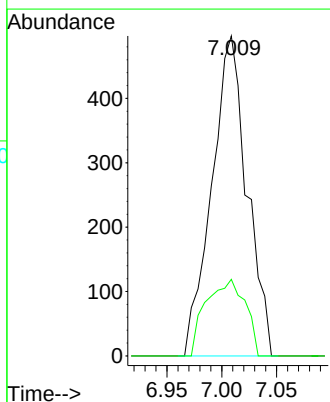
Tgt Ion: 84 Resp: 3135
Ion Ratio Lower Upper
84 100
49 105.4 107.0 160.4#
51 35.5 31.9 47.9
86 62.6 47.4 71.0

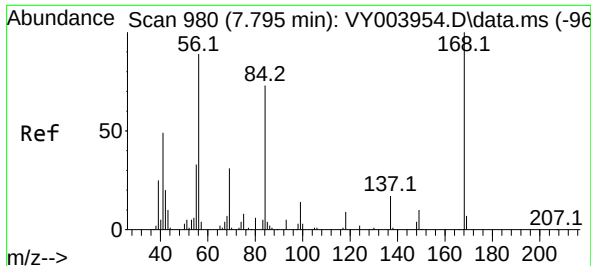


#25
2-Butanone
Concen: 3.04 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11



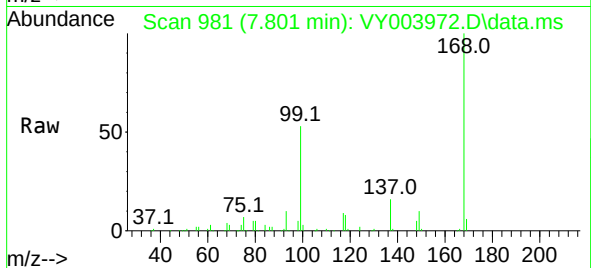
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
72 23.9 18.5 27.7



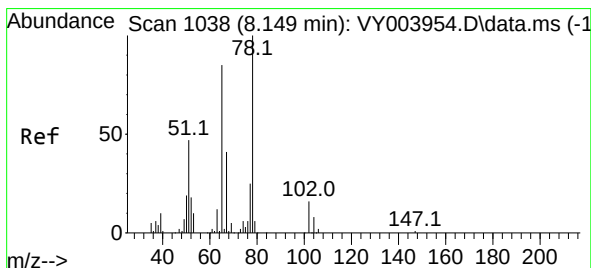
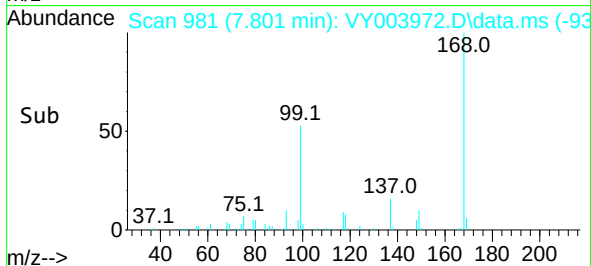
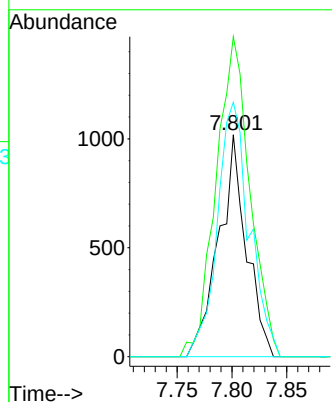


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Instrument :
MSVOA_Y
ClientSampleId :

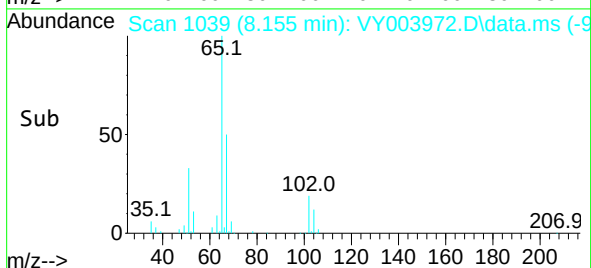
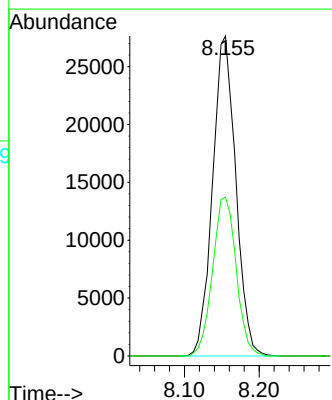
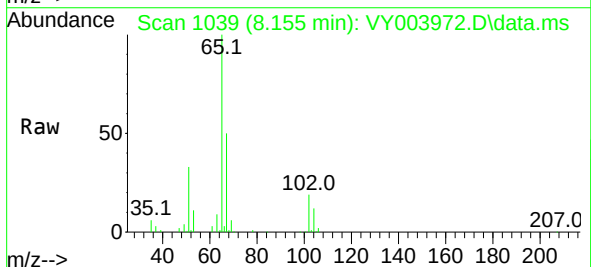


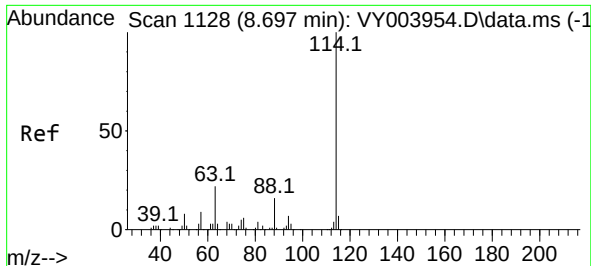
Tgt Ion: 56 Resp: 1790
Ion Ratio Lower Upper
56 100
69 144.2 25.0 37.4#
84 114.6 64.5 96.7#



#33
1,2-Dichloroethane-d4
Concen: 57.08 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Tgt Ion: 65 Resp: 59655
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

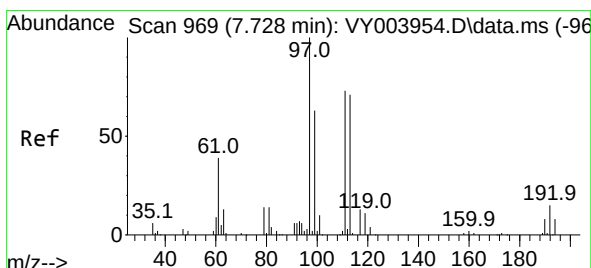
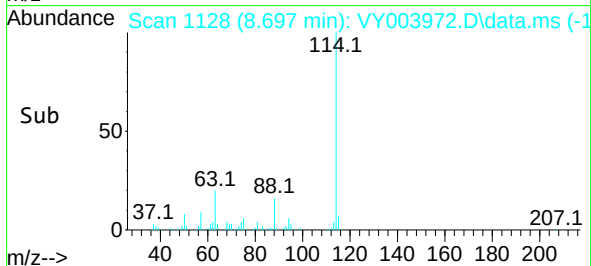
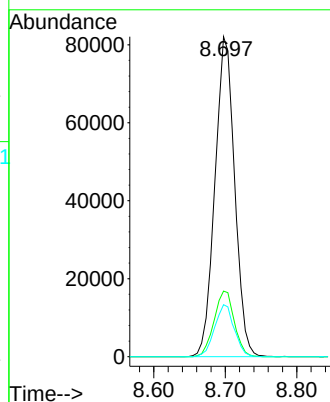
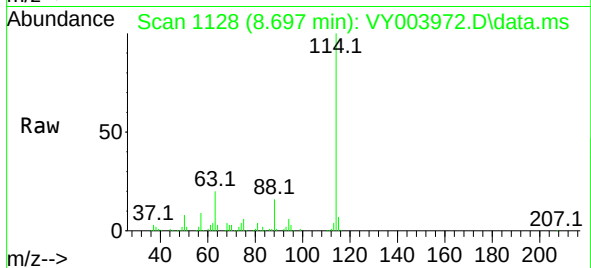
Delta R.T. 0.000 min

Lab File: VY003972.D

Acq: 03 Feb 2021 20:11

Tgt Ion:	114	Resp:	157206
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	47.2
88	16.2	0.0	30.2

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 55.33 ug/l

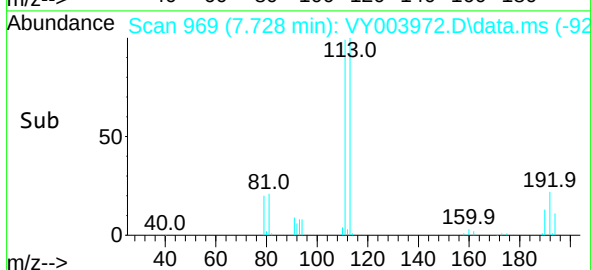
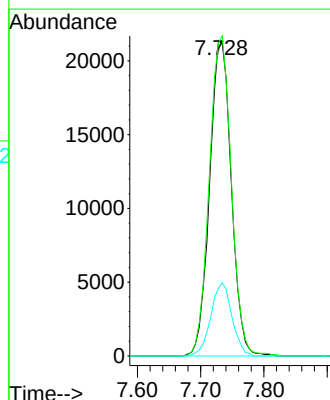
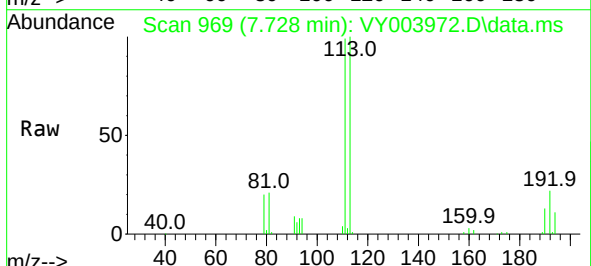
RT: 7.728 min Scan# 969

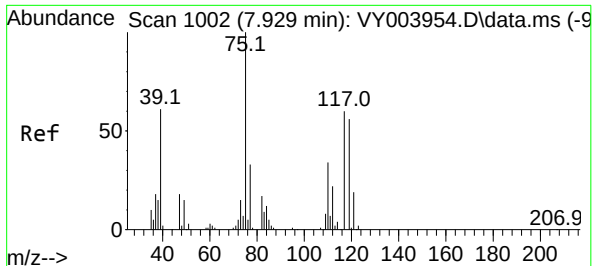
Delta R.T. 0.000 min

Lab File: VY003972.D

Acq: 03 Feb 2021 20:11

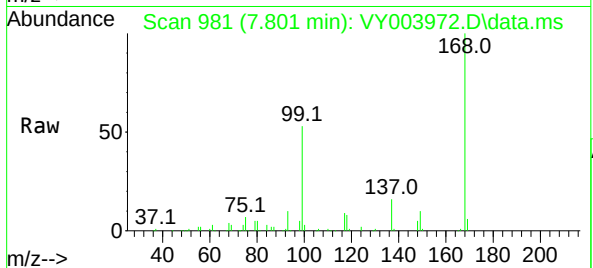
Tgt Ion:	113	Resp:	50853
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	22.7	18.3	27.5



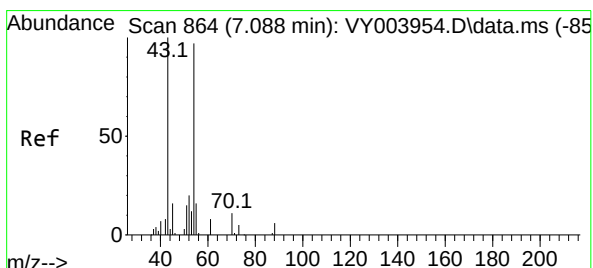
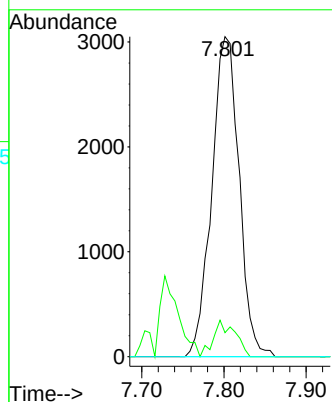
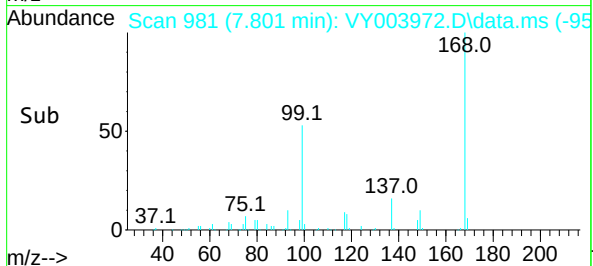


#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

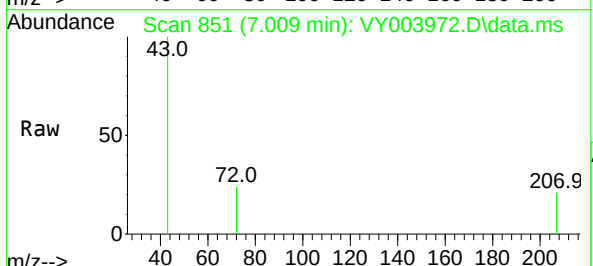
Instrument :
MSVOA_Y
ClientSampleId :



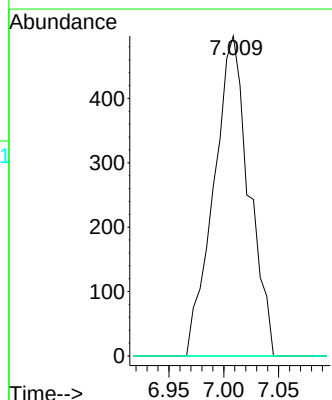
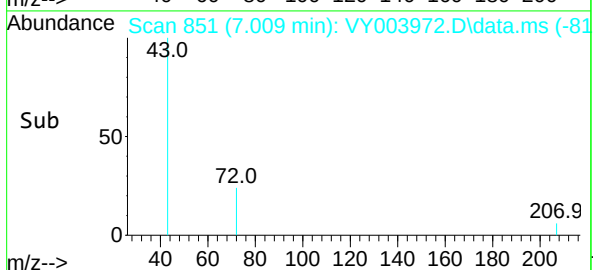
Tgt Ion: 75 Resp: 7038
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.8 37.2#

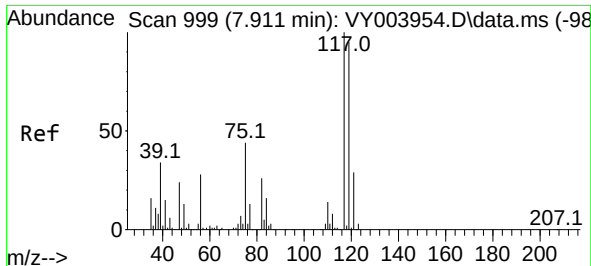


#37
Ethyl Acetate
Concen: 1.23 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11



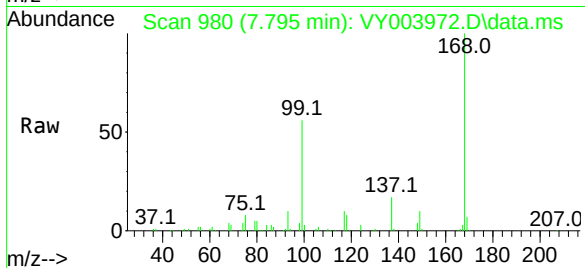
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.7 11.5#



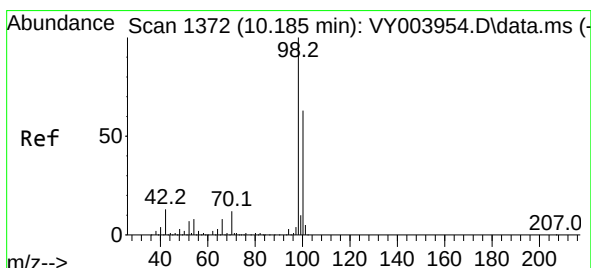
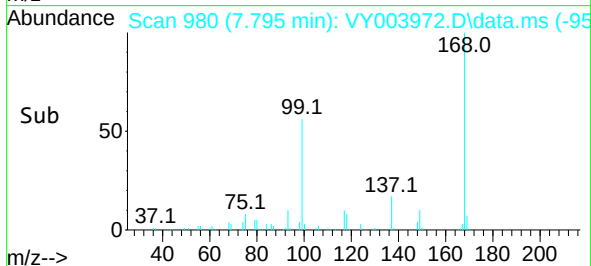
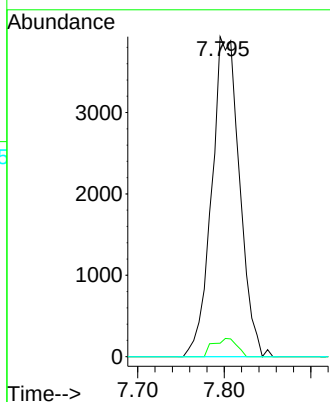


#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Instrument :
MSVOA_Y
ClientSampleId :

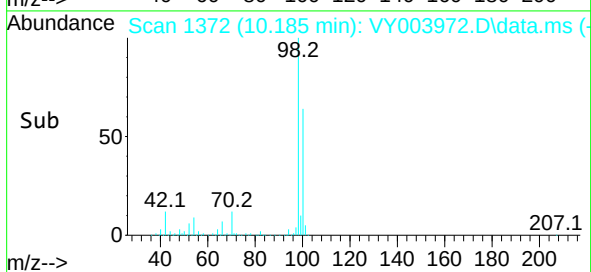
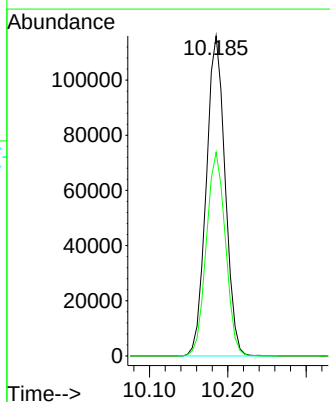
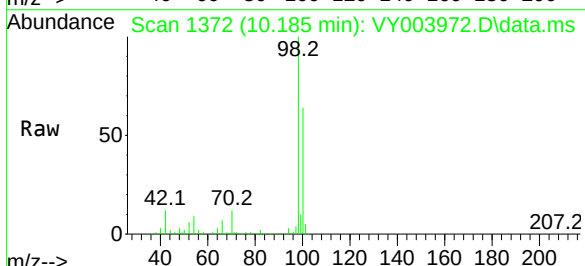


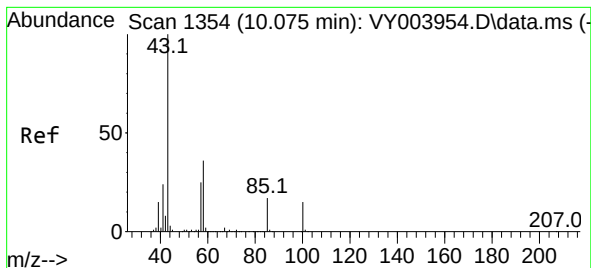
Tgt Ion:117 Resp: 8756
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.70 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Tgt Ion: 98 Resp: 193684
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

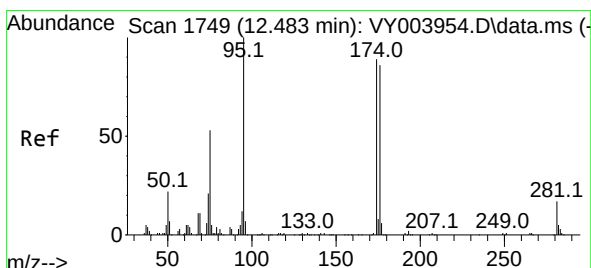
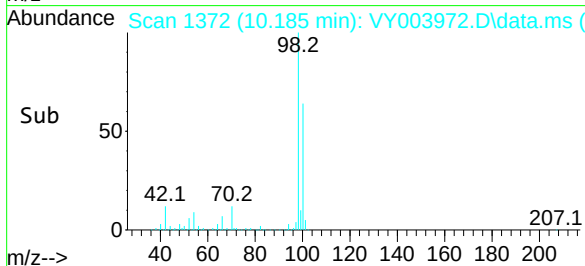
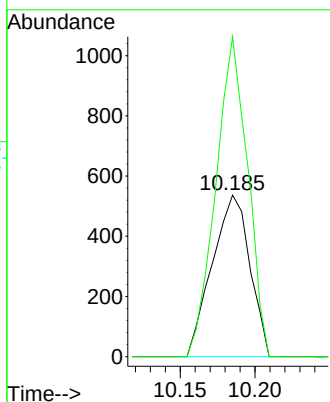
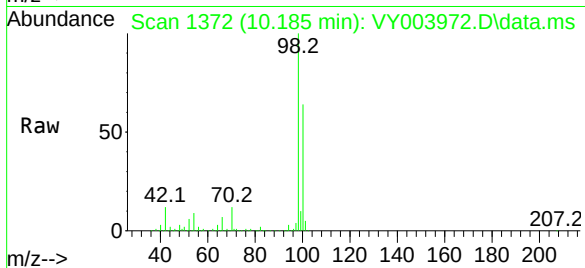




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

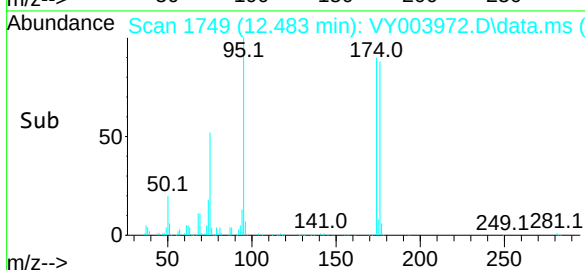
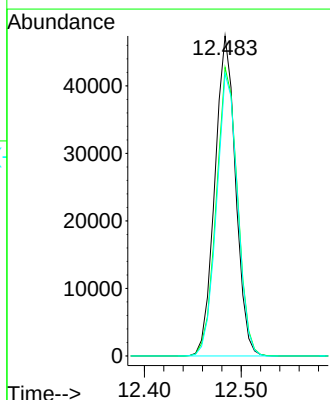
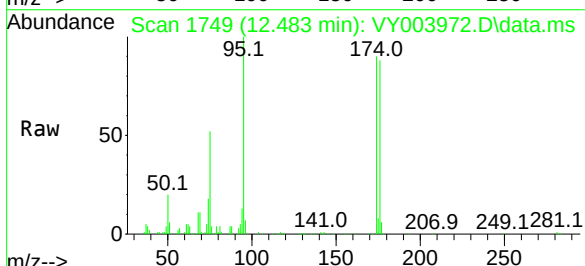
Instrument :
MSVOA_Y
ClientSampled :

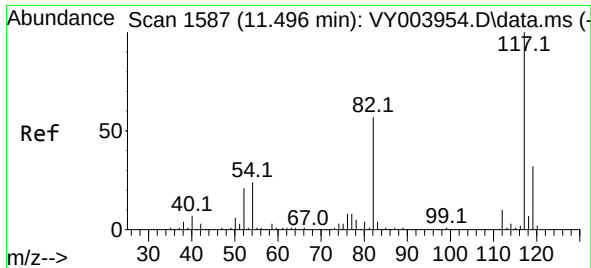
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 168.3 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 53.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Tgt Ion: 95 Resp: 70512
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.4
176 89.0 0.0 177.2

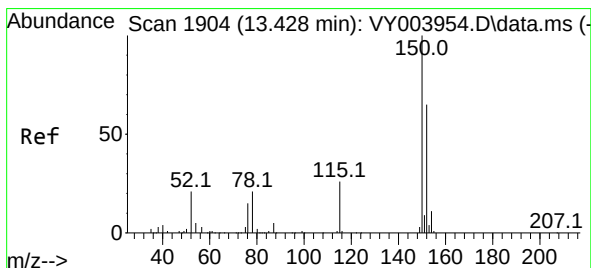
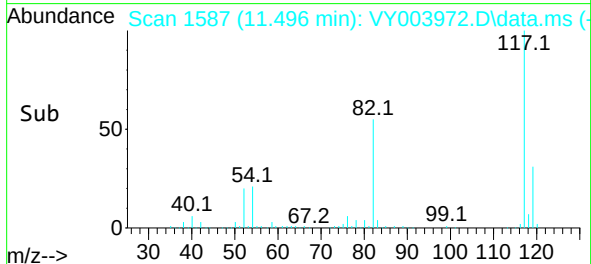
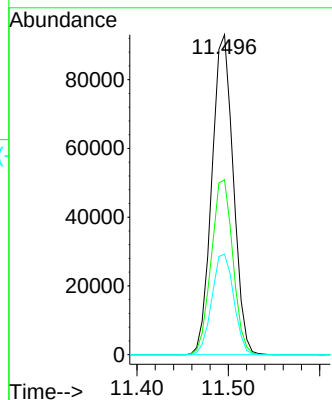
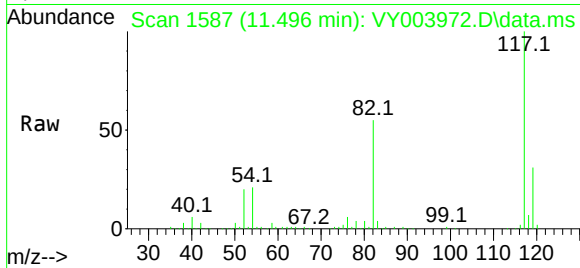




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

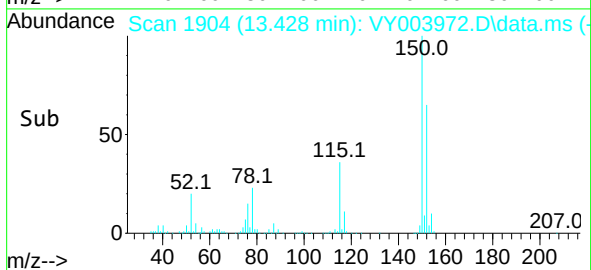
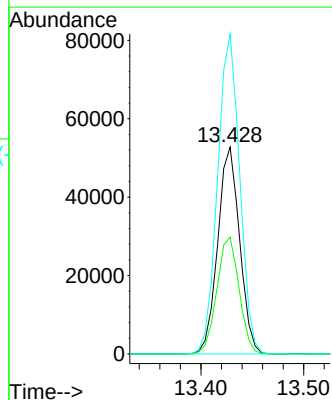
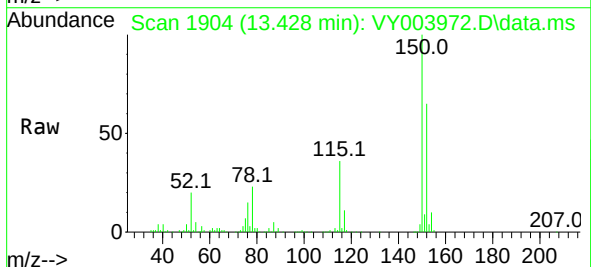
Instrument :
MSVOA_Y
ClientSampleId :

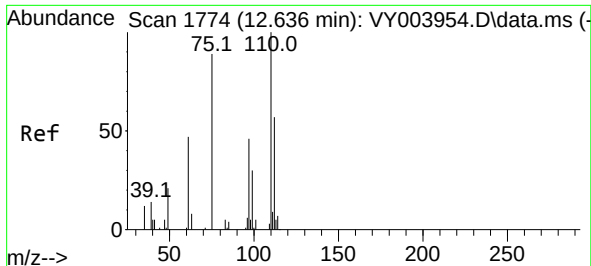
Tgt Ion:117 Resp: 151262
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Tgt Ion:152 Resp: 78037
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.6
150 155.9 0.0 356.2

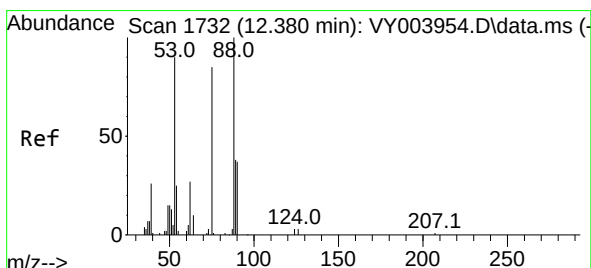
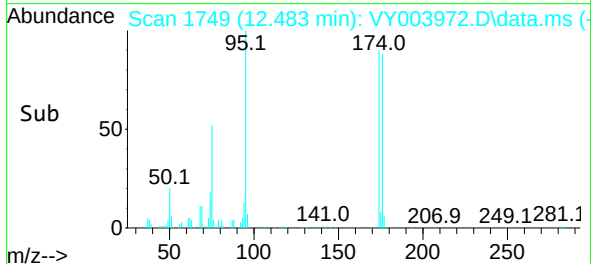
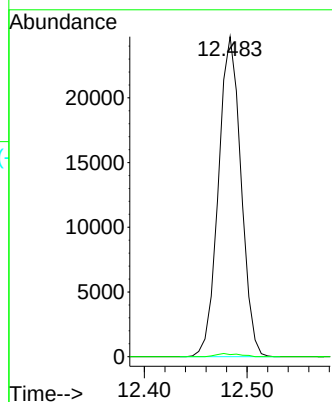
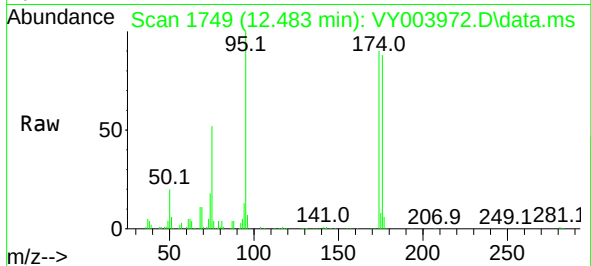




#76
1,2,3-Trichloropropane
Concen: 47.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37717
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003972.D
Acq: 03 Feb 2021 20:11

Tgt Ion: 75 Resp: 37717
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

