

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005450.D
 Acq On : 26 Jul 2021 17:21
 Operator : SY/MD
 Sample : M3151-03RE
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:11:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	230716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	351305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	351967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128905	52.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.600%
35) Dibromofluoromethane	7.728	113	119769	59.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.080%
50) Toluene-d8	10.185	98	444730	51.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.483	95	156103	55.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.020%

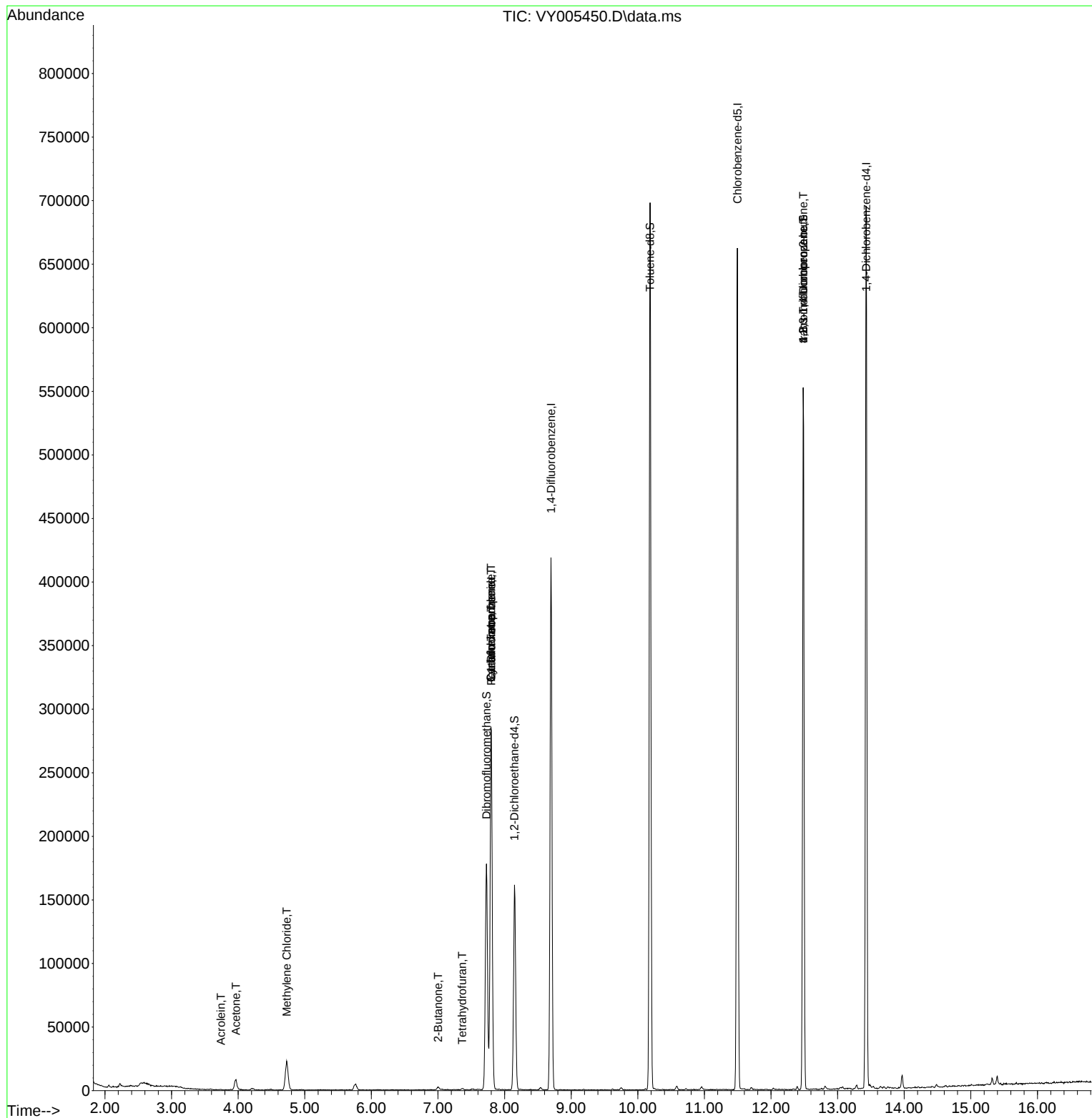
Target Compounds					Qvalue	
13) Acrolein	3.741	56	219	1.027	ug/l #	82
16) Acetone	3.966	43	13623	24.202	ug/l	98
20) Methylene Chloride	4.728	84	16299	3.952	ug/l	93
25) 2-Butanone	7.002	43	2959	3.510	ug/l	94
29) Tetrahydrofuran	7.362	42	848	1.519	ug/l #	81
31) Cyclohexane	7.795	56	4902	1.165	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	16680	4.911	ug/l #	50
38) Carbon Tetrachloride	7.795	117	20884	5.626	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85028	48.129	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85028	93.453	ug/l #	11

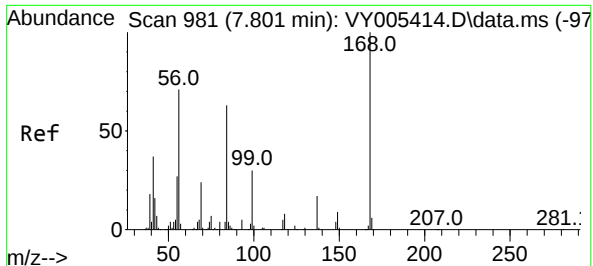
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

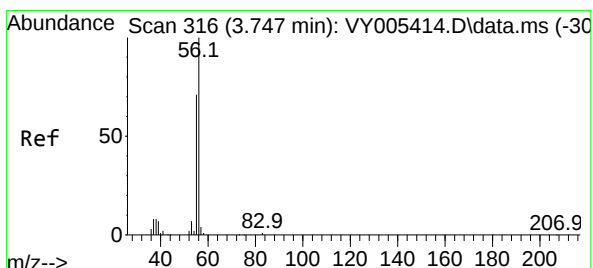
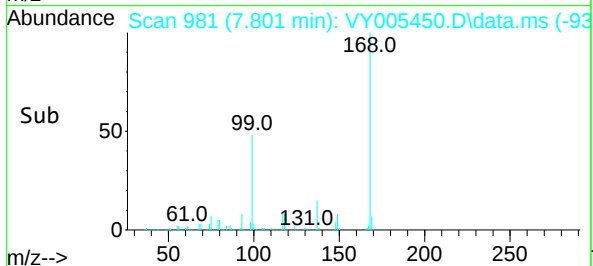
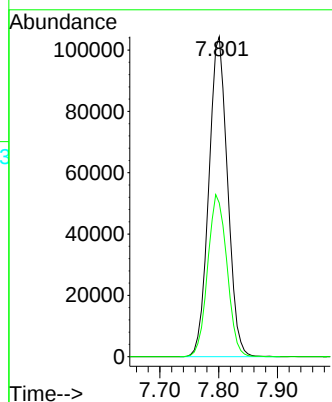
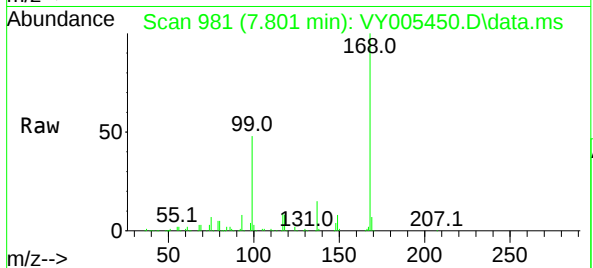




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

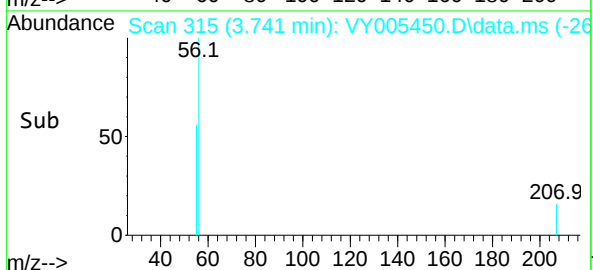
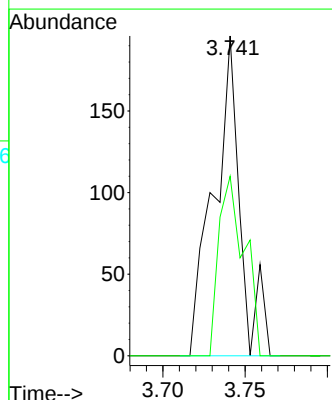
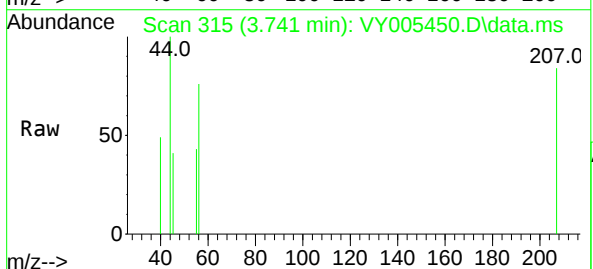
Instrument :
MSVOA_Y
ClientSampled :

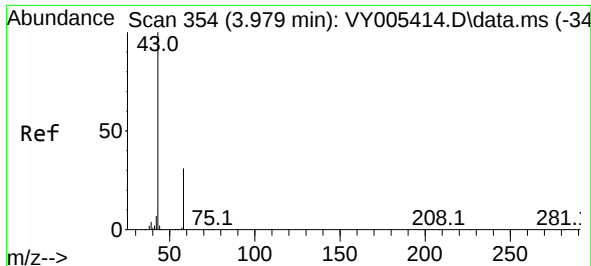
Tgt Ion:168 Resp: 230716
Ion Ratio Lower Upper
168 100
99 48.1 39.8 59.6



#13
Acrolein
Concen: 1.027 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 54.3 55.2 82.8#

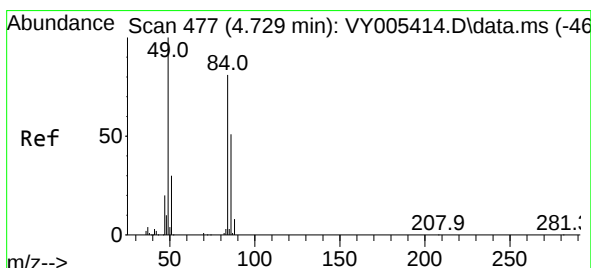
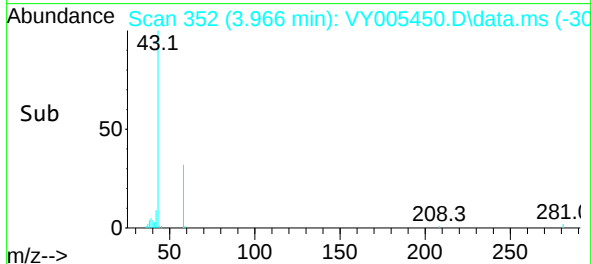
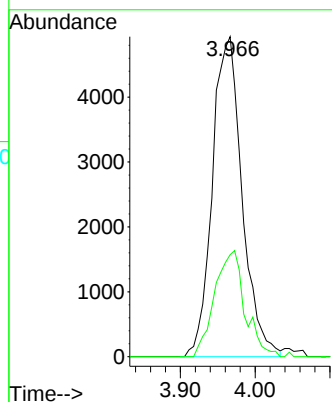
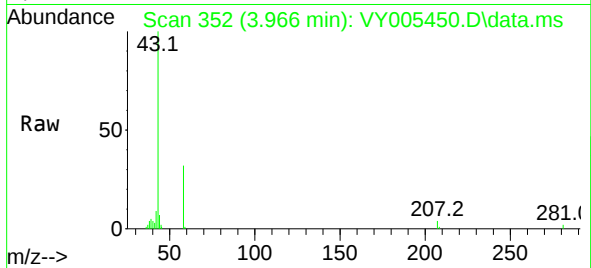




#16
Acetone
Concen: 24.202 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

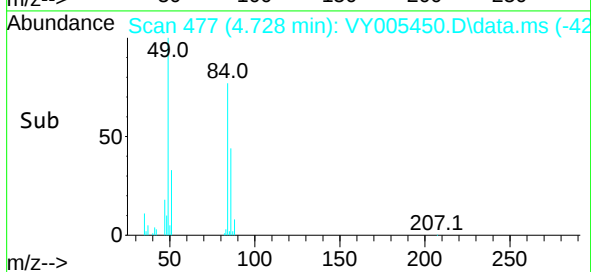
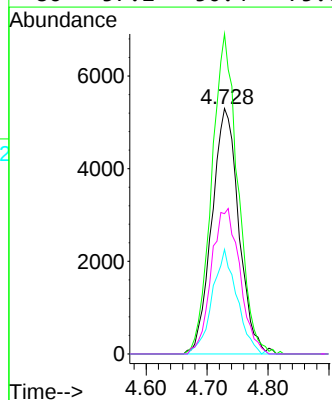
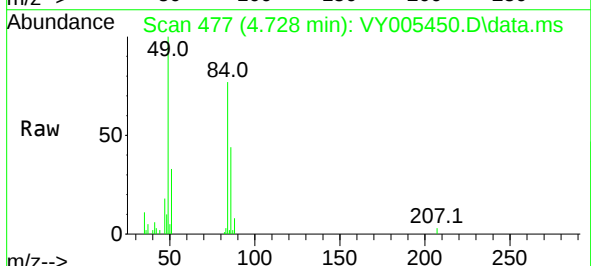
Instrument :
MSVOA_Y
ClientSampled :

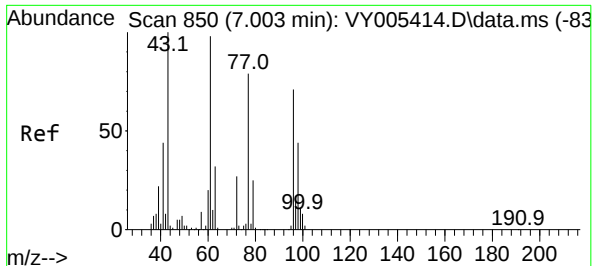
Tgt Ion: 43 Resp: 13623
Ion Ratio Lower Upper
43 100
58 31.8 24.5 36.7



#20
Methylene Chloride
Concen: 3.952 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion: 84 Resp: 16299
Ion Ratio Lower Upper
84 100
49 130.4 98.9 148.3
51 42.5 30.0 45.0
86 57.2 50.4 75.6





#25

2-Butanone

Concen: 3.510 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY005450.D

Acq: 26 Jul 2021 17:21

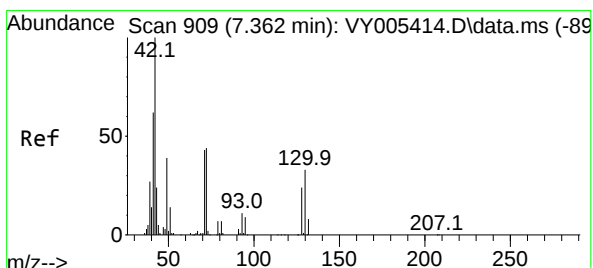
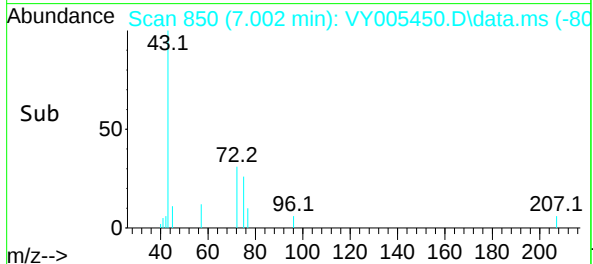
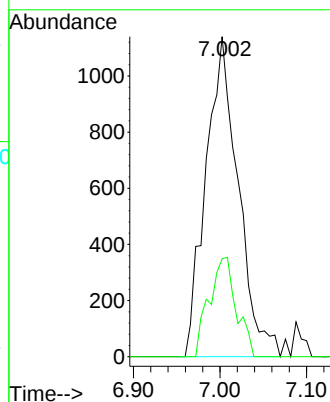
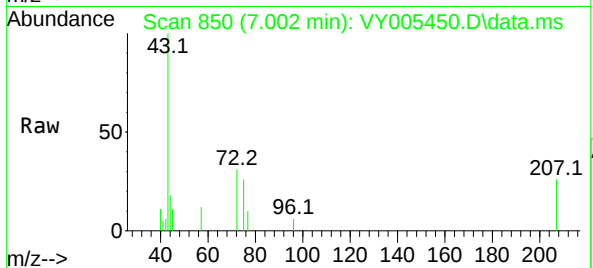
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 2959

Ion Ratio Lower Upper

43 100

72 30.6 21.9 32.9



#29

Tetrahydrofuran

Concen: 1.519 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY005450.D

Acq: 26 Jul 2021 17:21

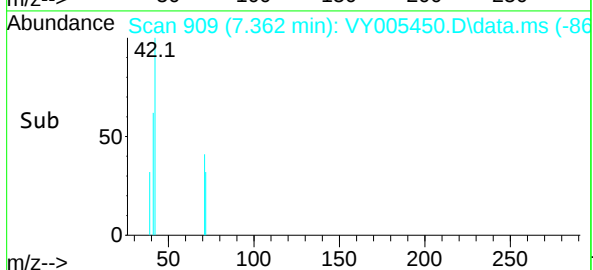
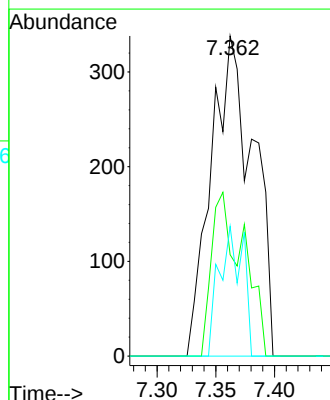
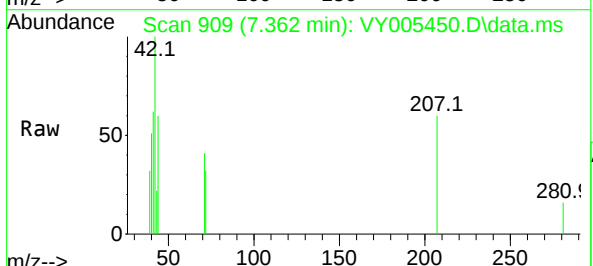
Tgt Ion: 42 Resp: 848

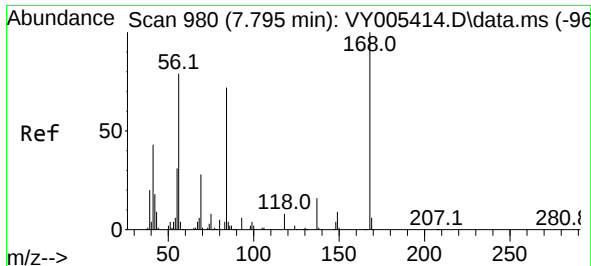
Ion Ratio Lower Upper

42 100

72 38.3 35.3 52.9

71 22.5 33.4 50.2#

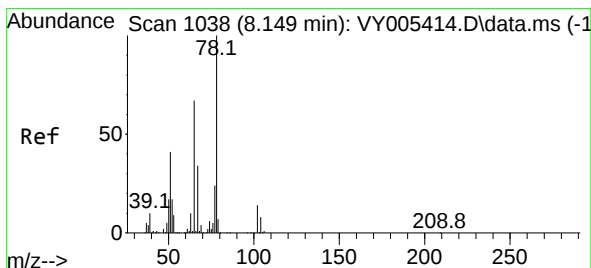
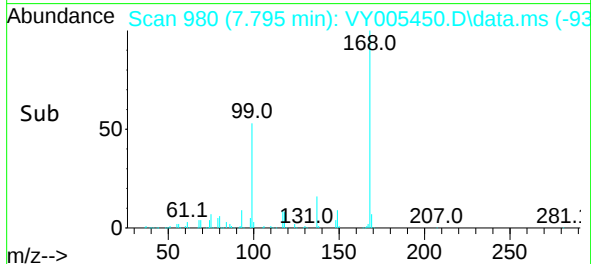
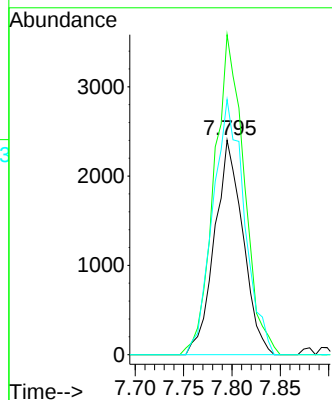
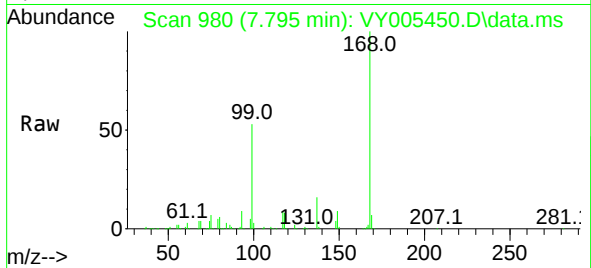




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

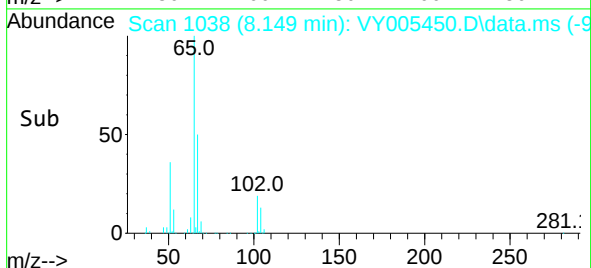
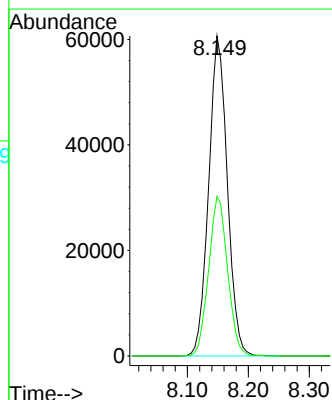
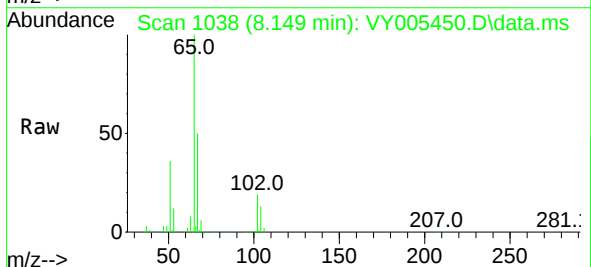
Instrument :
MSVOA_Y
ClientSampleId :

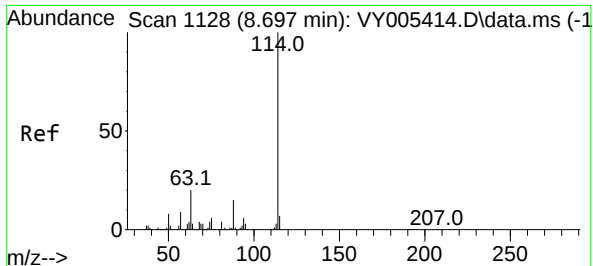
Tgt Ion: 56 Resp: 4902
Ion Ratio Lower Upper
56 100
69 149.1 28.7 43.1#
84 118.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 52.298 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion: 65 Resp: 128905
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2

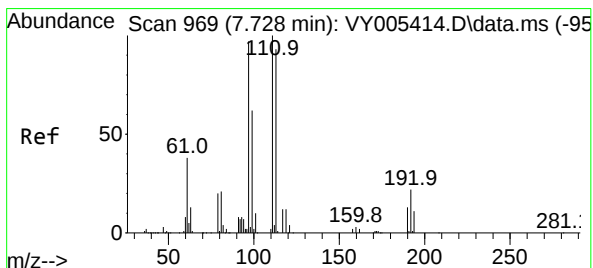
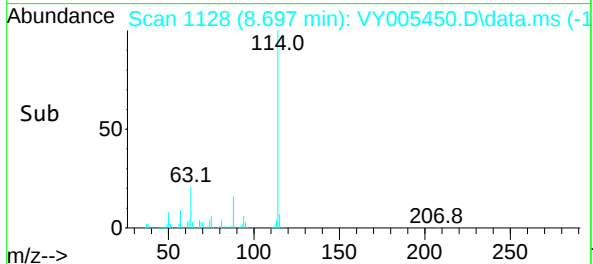
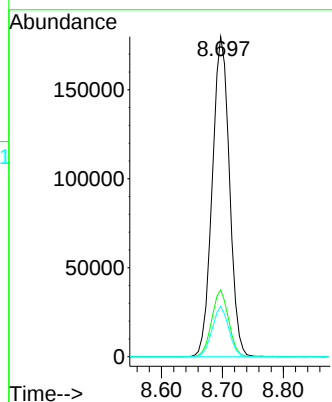
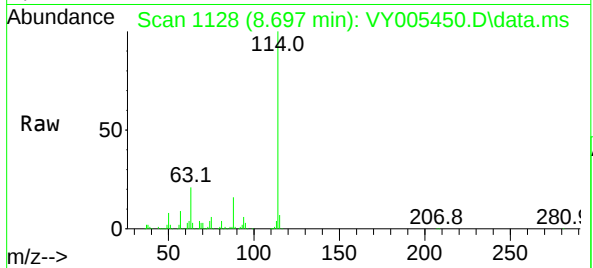




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

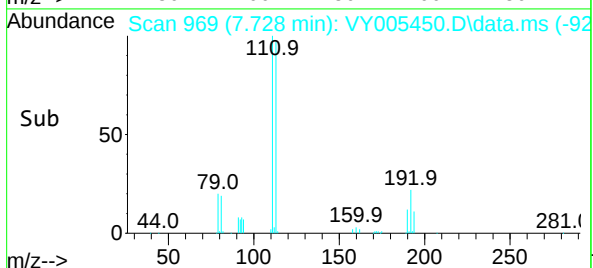
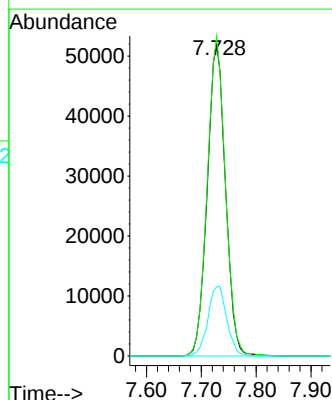
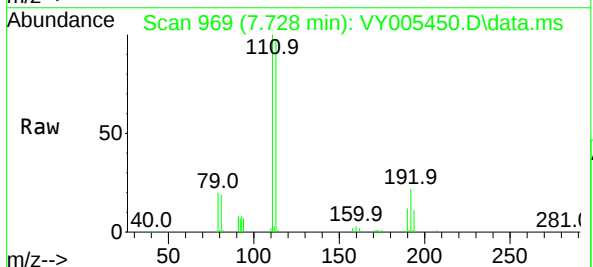
Instrument :
MSVOA_Y
ClientSampleId :

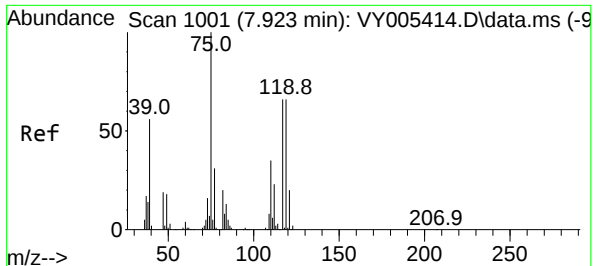
Tgt Ion:114 Resp: 351305
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 59.044 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion:113 Resp: 119769
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 23.1 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005450.D

Acq: 26 Jul 2021 17:21

Tgt Ion: 75 Resp: 16680

Ion Ratio Lower Upper

75 100

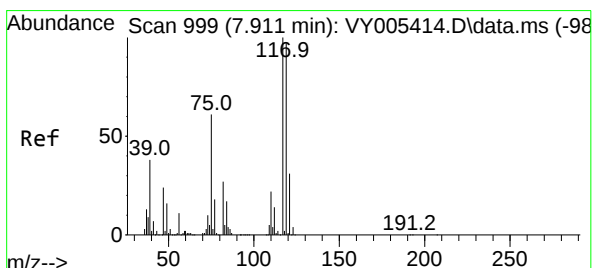
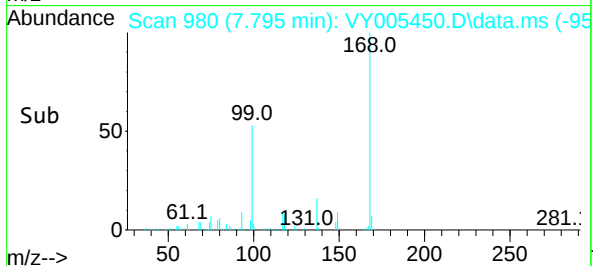
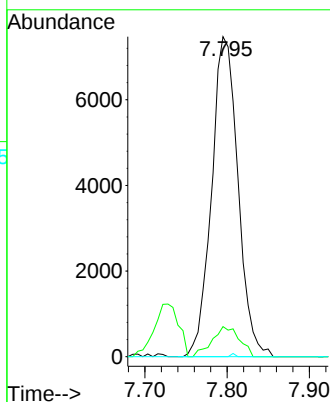
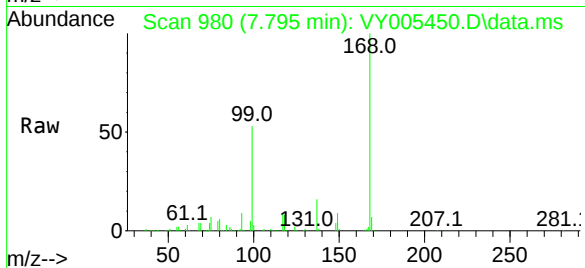
110 9.7 17.6 52.9#

77 0.2 24.6 37.0#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.626 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005450.D

Acq: 26 Jul 2021 17:21

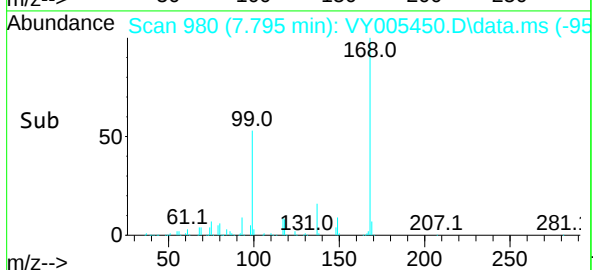
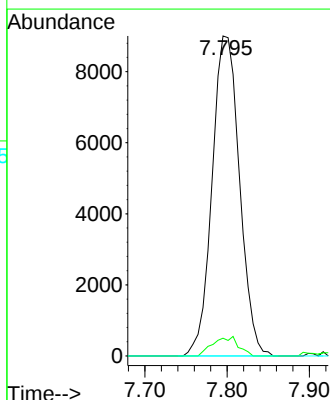
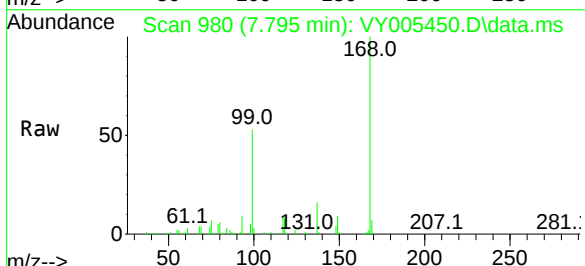
Tgt Ion: 117 Resp: 20884

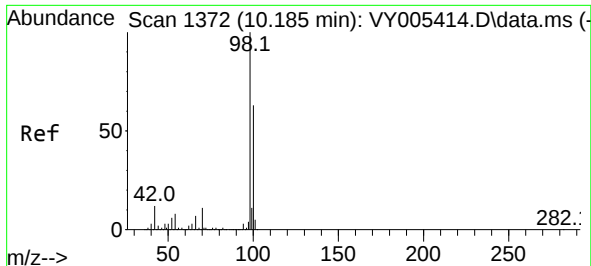
Ion Ratio Lower Upper

117 100

119 5.5 77.2 115.8#

121 0.0 25.1 37.7#

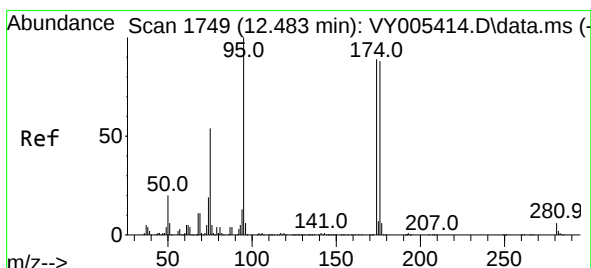
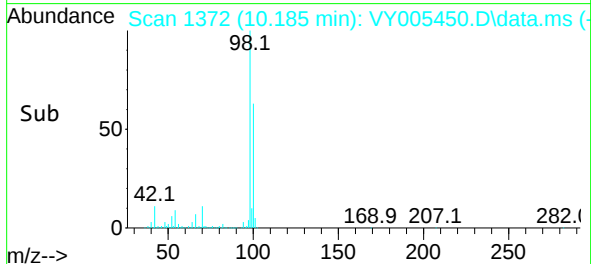
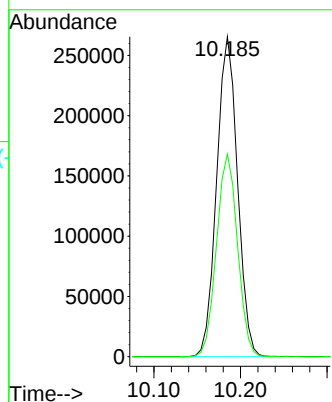
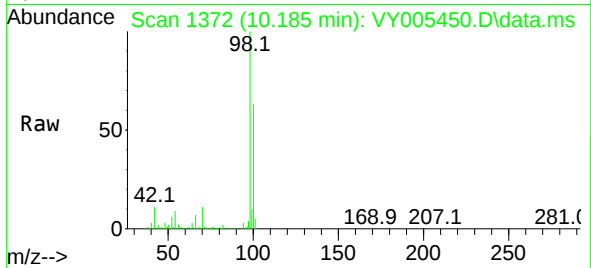




#50
Toluene-d8
Concen: 51.728 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

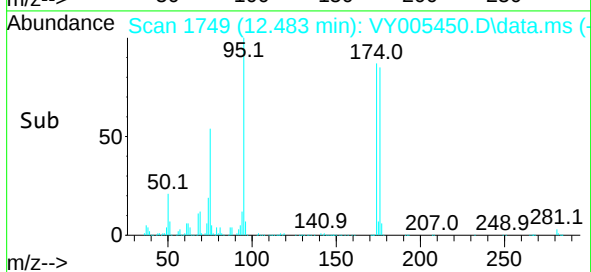
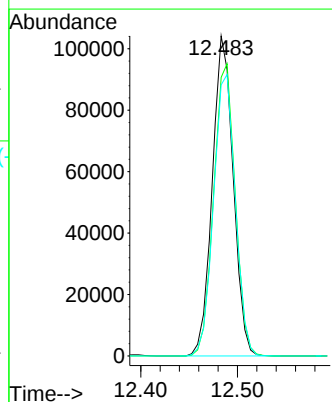
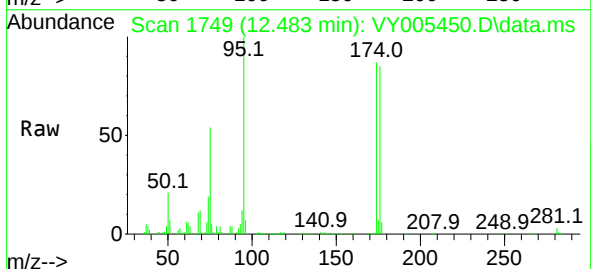
Instrument :
MSVOA_Y
ClientSampled :

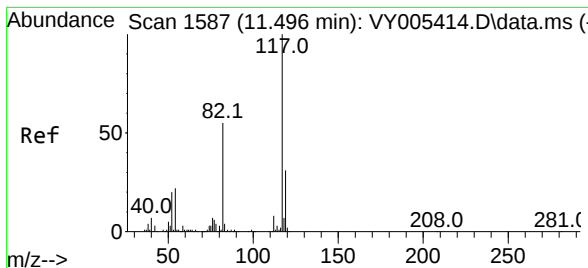
Tgt Ion: 98 Resp: 444730
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion: 95 Resp: 156103
Ion Ratio Lower Upper
95 100
174 93.8 0.0 186.6
176 91.6 0.0 182.4

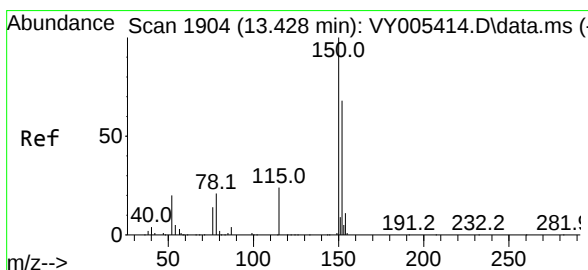
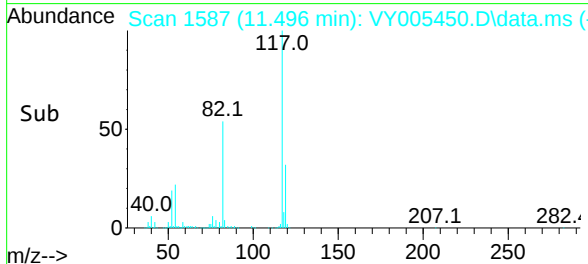
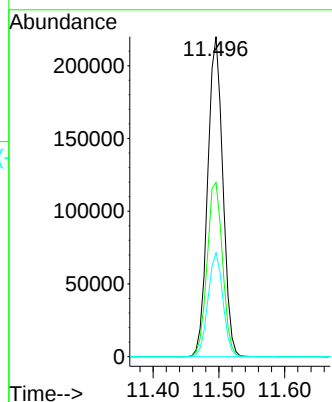
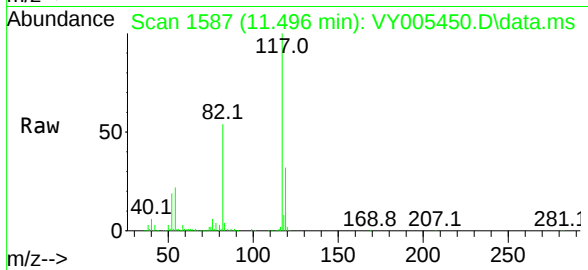




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

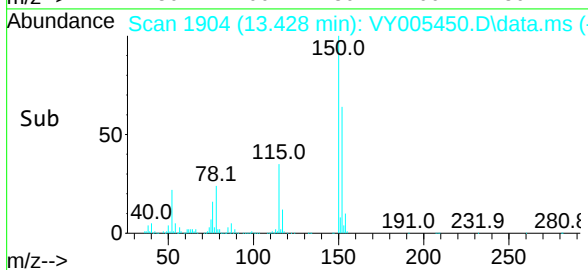
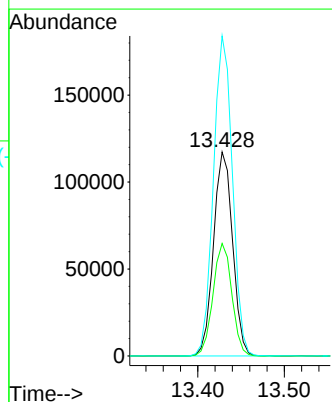
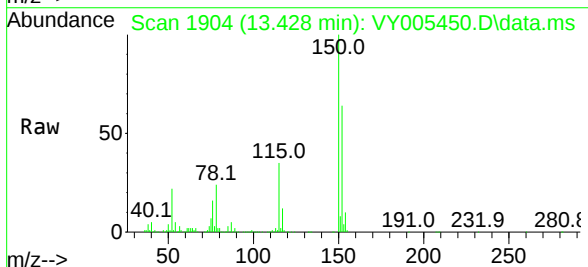
Instrument :
MSVOA_Y
ClientSampleId :

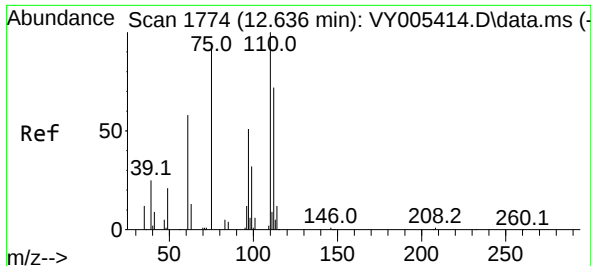
Tgt Ion:117 Resp: 351967
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion:152 Resp: 179543
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 156.2 0.0 349.6

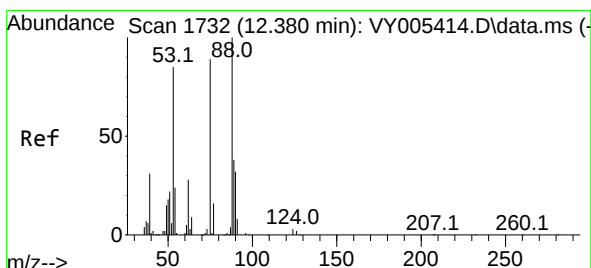
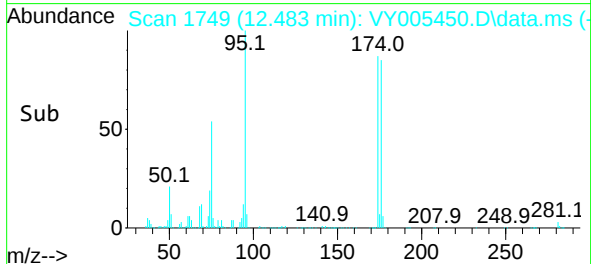
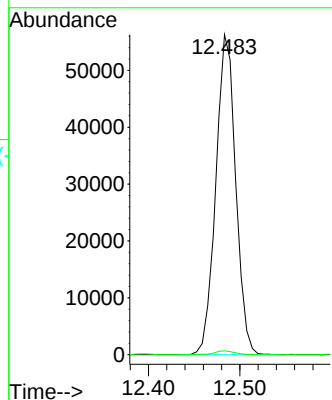
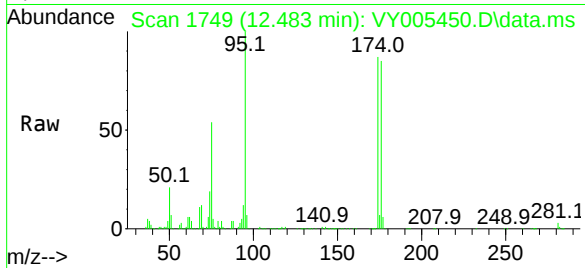




#76
1,2,3-Trichloropropane
Concen: 48.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85028
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005450.D
Acq: 26 Jul 2021 17:21

Tgt Ion: 75 Resp: 85028
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.1 36.9 55.3#

