

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005114.D
 Acq On : 11 Jun 2021 11:01
 Operator : SY/MD
 Sample : VY0611SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBL01

Quant Time: Jun 12 00:34:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	309507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142487	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108023	58.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.90%
35) Dibromofluoromethane	7.728	113	98116	57.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.04%
50) Toluene-d8	10.185	98	393120	55.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.00%
62) 4-Bromofluorobenzene	12.483	95	130323	53.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.98%

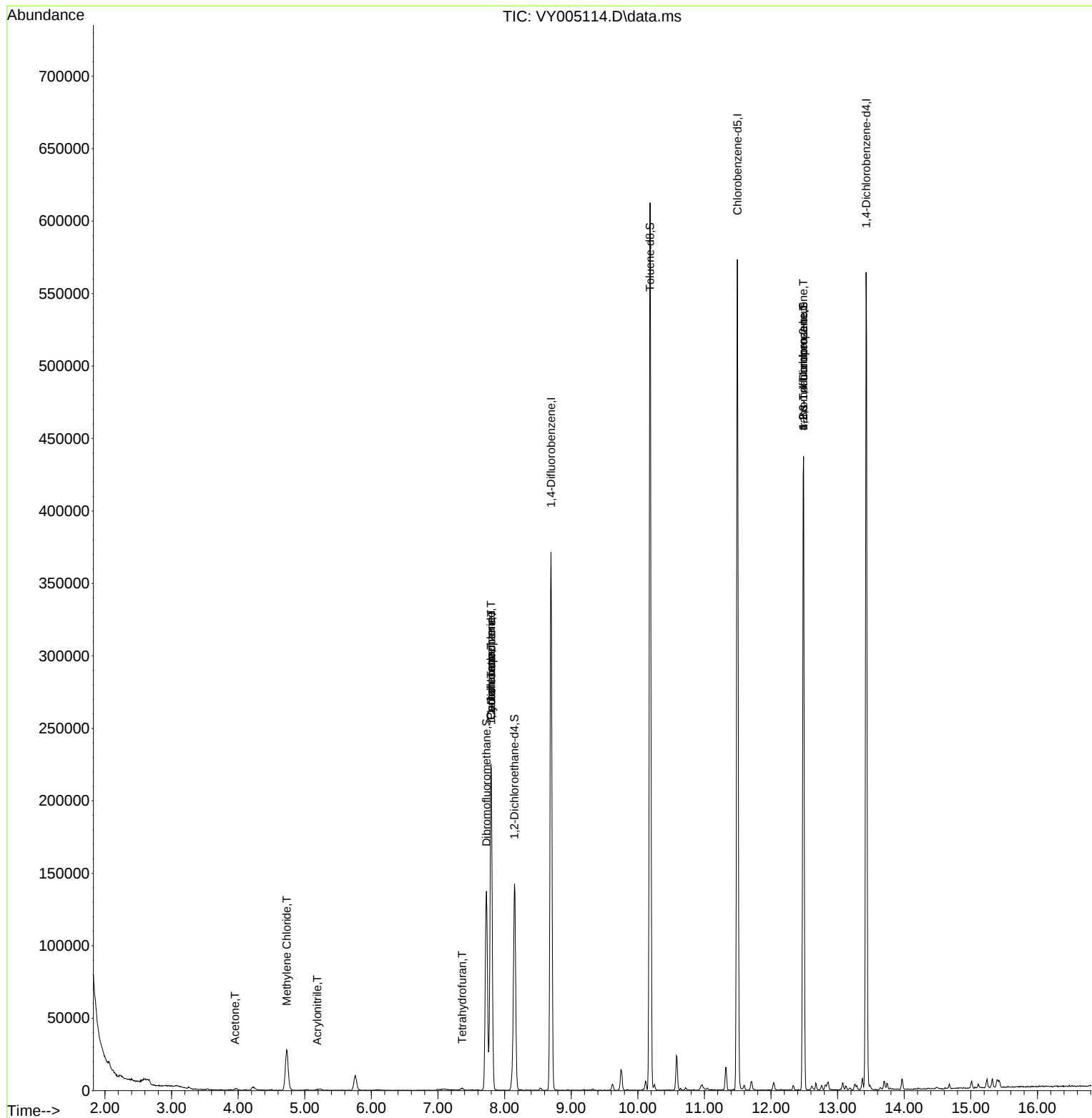
Target Compounds					Qvalue
13) Acrolein	3.741	56	299	Below Cal	# 77
15) Acrylonitrile	5.186	53	777	1.44 ug/l	# 76
16) Acetone	3.954	43	2312	5.20 ug/l	99
20) Methylene Chloride	4.728	84	21069	4.44 ug/l	96
29) Tetrahydrofuran	7.362	42	872	1.83 ug/l	# 77
31) Cyclohexane	7.795	56	4009	1.23 ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	13797	4.45 ug/l	# 50
38) Carbon Tetrachloride	7.795	117	17334	6.42 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	69319	44.38 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	69319	81.56 ug/l	# 15

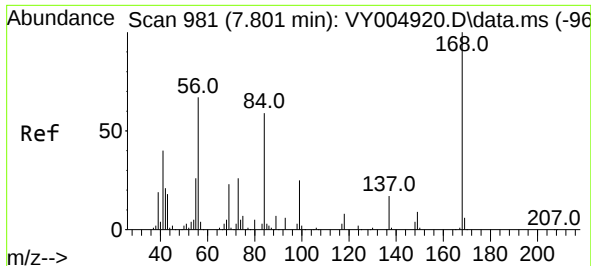
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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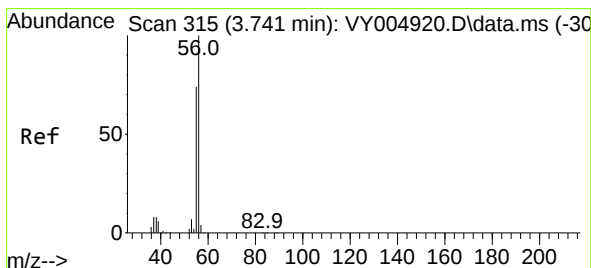
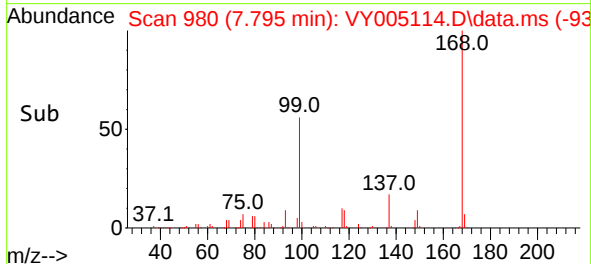
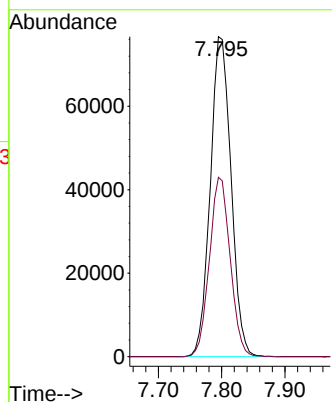
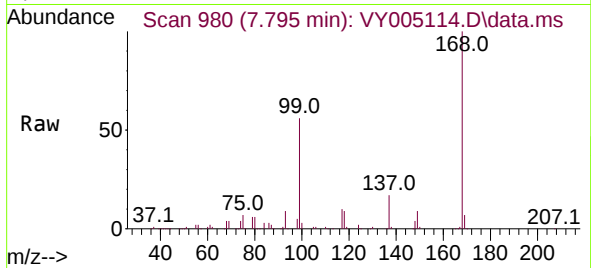




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

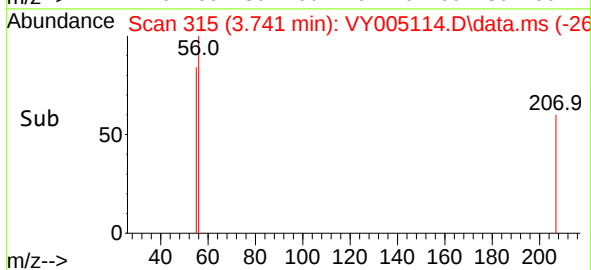
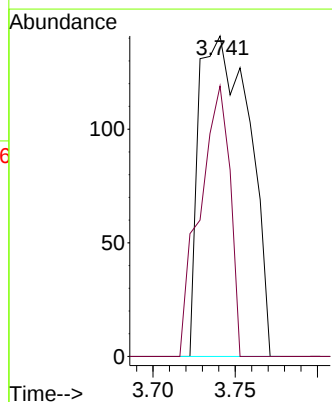
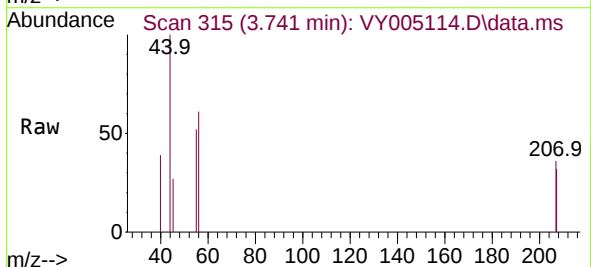
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

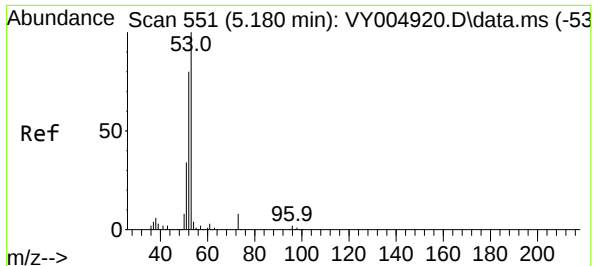
Tgt Ion:168 Resp: 174829
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion: 56 Resp: 299
Ion Ratio Lower Upper
56 100
55 50.5 55.4 83.2#





#15

Acrylonitrile

Concen: 1.44 ug/l

RT: 5.186 min Scan# 552

Delta R.T. 0.006 min

Lab File: VY005114.D

Acq: 11 Jun 2021 11:01

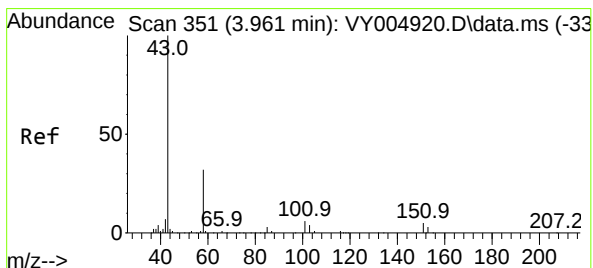
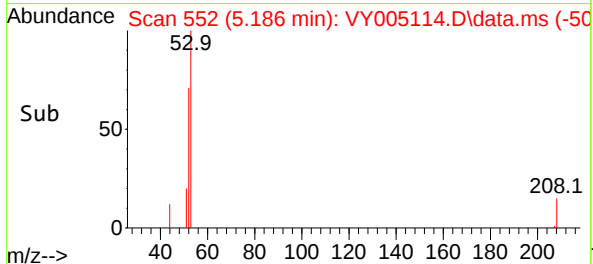
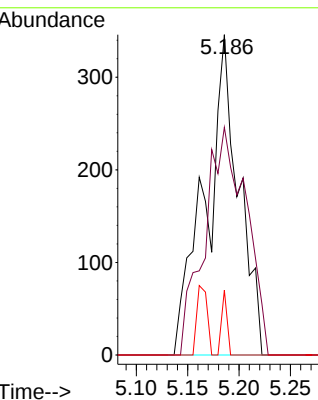
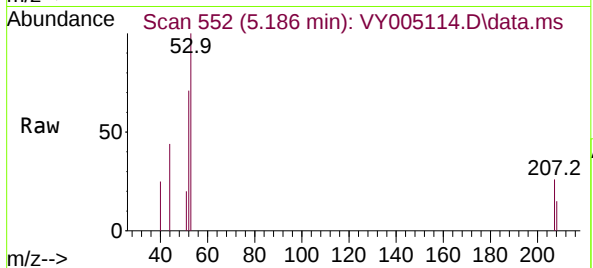
Tgt Ion: 53 Resp: 777

Ion Ratio Lower Upper

53 100

52 89.2 64.5 96.7

51 3.3 28.6 42.8#



#16

Acetone

Concen: 5.20 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY005114.D

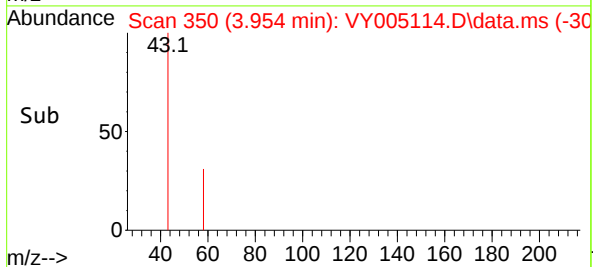
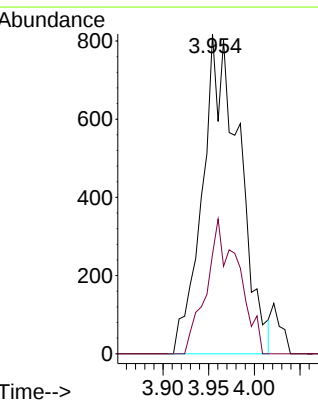
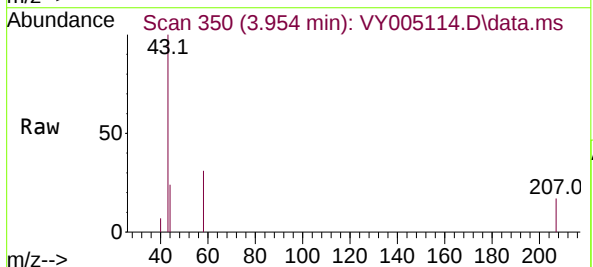
Acq: 11 Jun 2021 11:01

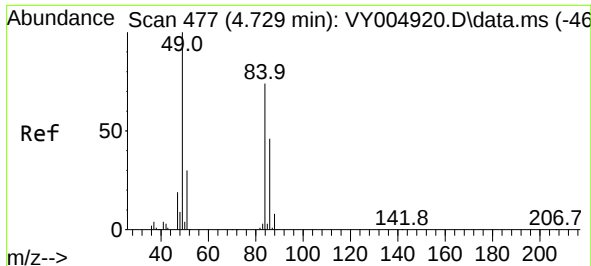
Tgt Ion: 43 Resp: 2312

Ion Ratio Lower Upper

43 100

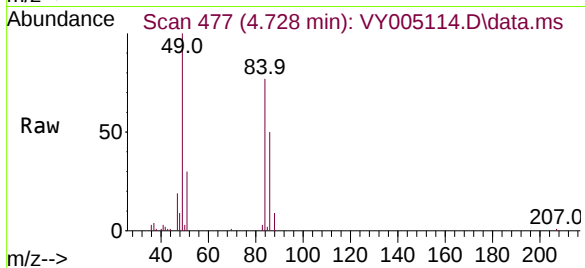
58 31.2 25.3 37.9



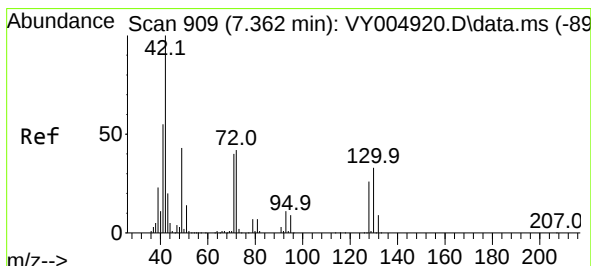
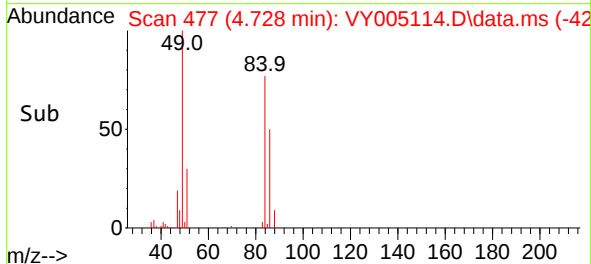
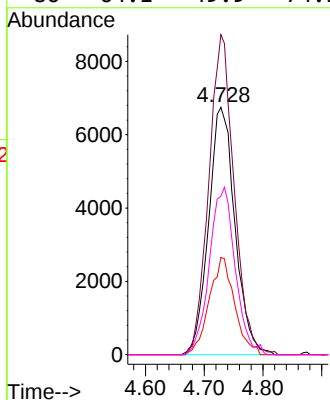


#20
Methylene Chloride
Concen: 4.44 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

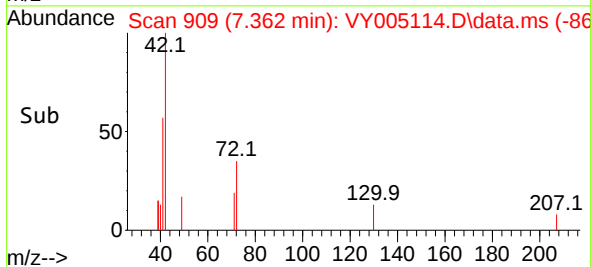
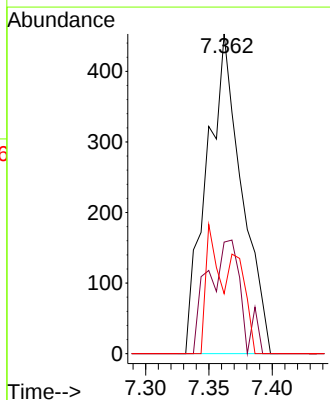
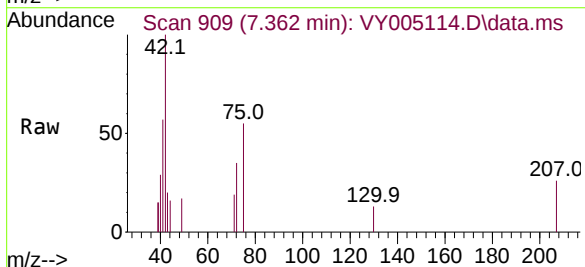


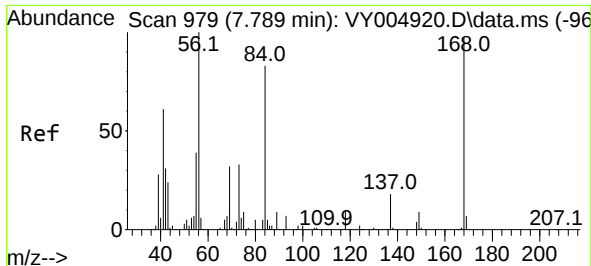
Tgt Ion:	84	Resp:	21069
Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.0	162.0
51	39.4	32.6	48.8
86	64.1	49.9	74.9



#29
Tetrahydrofuran
Concen: 1.83 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

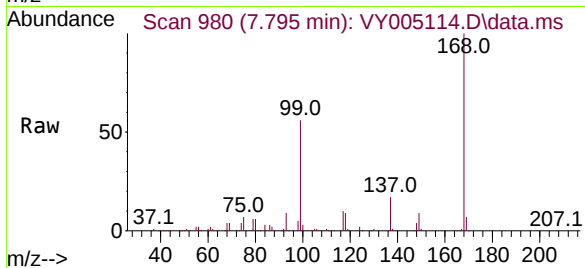
Tgt Ion:	42	Resp:	872
Ion	Ratio	Lower	Upper
42	100		
72	33.9	32.6	49.0
71	16.4	30.9	46.3



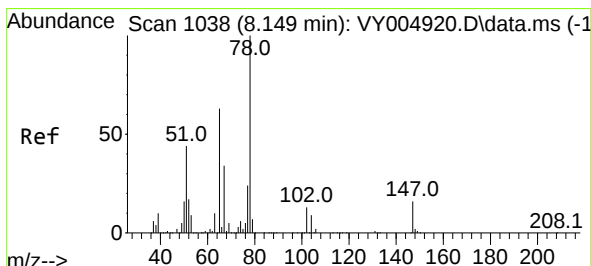
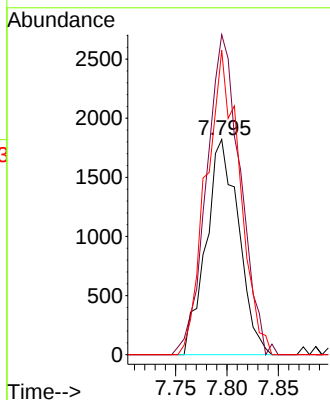
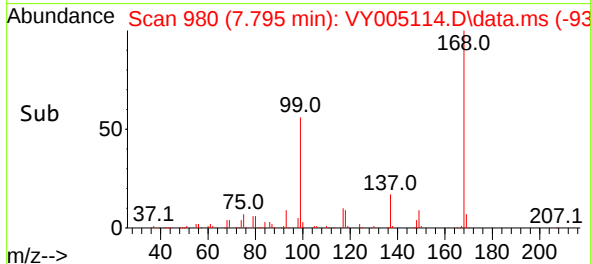


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

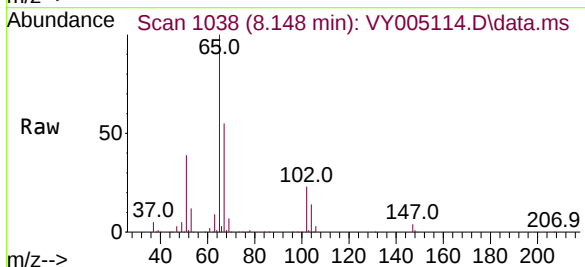
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01



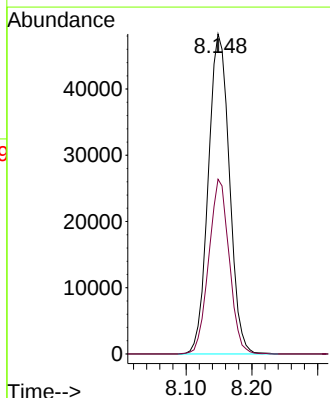
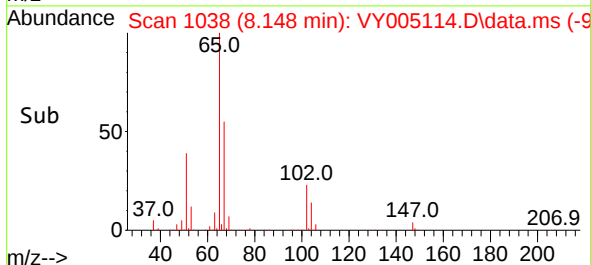
Tgt Ion	Ratio	Lower	Upper
56	100		
69	148.7	25.3	37.9#
84	141.4	66.2	99.4#

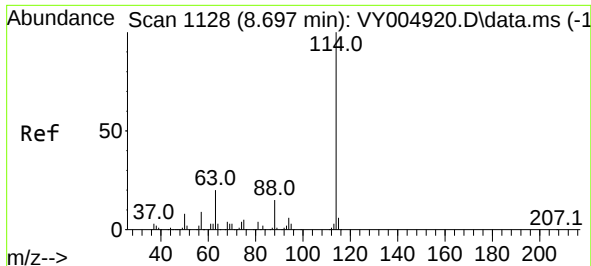


#33
1,2-Dichloroethane-d4
Concen: 58.45 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01



Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005114.D

Acq: 11 Jun 2021 11:01

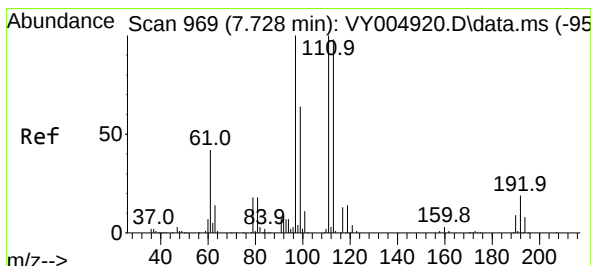
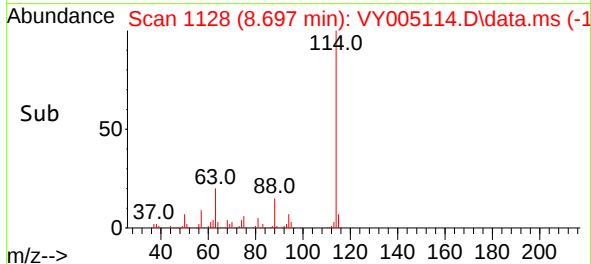
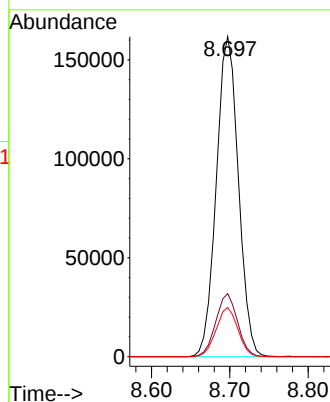
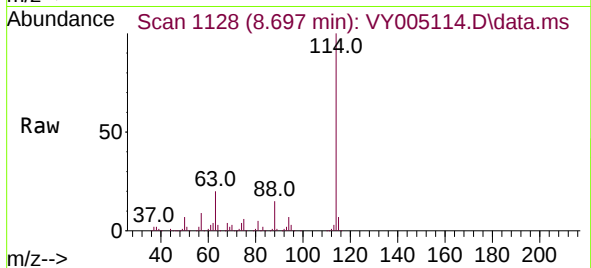
Instrument :

MSVOA_Y

ClientSampleId :

VY0611SBL01

Tgt Ion:114	Resp: 317024
Ion Ratio	Lower Upper
114 100	
63 19.7	0.0 41.0
88 15.3	0.0 30.6



#35

Dibromofluoromethane

Concen: 57.52 ug/l

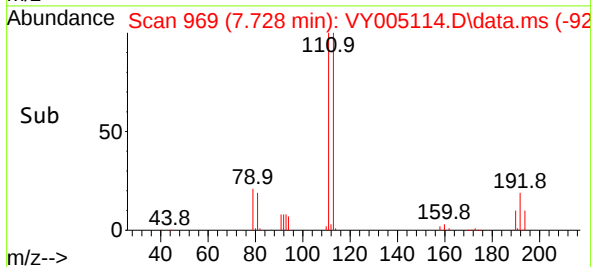
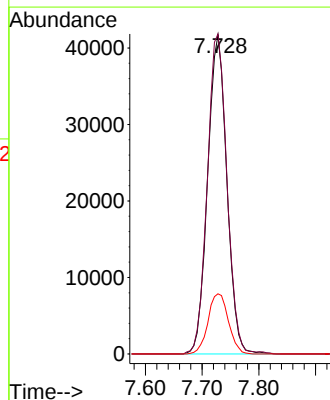
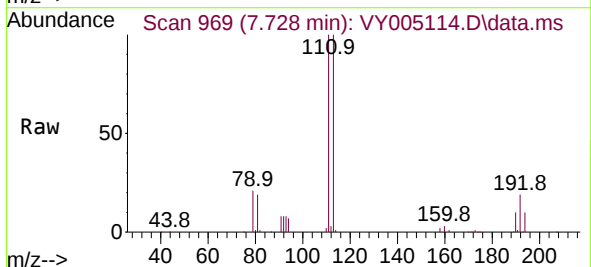
RT: 7.728 min Scan# 969

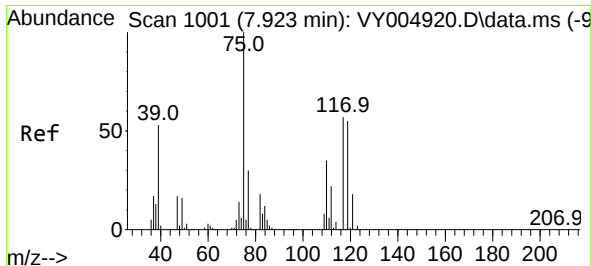
Delta R.T. -0.000 min

Lab File: VY005114.D

Acq: 11 Jun 2021 11:01

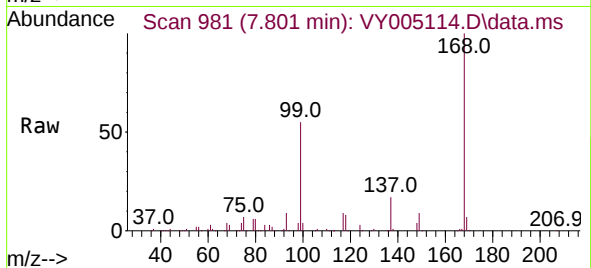
Tgt Ion:113	Resp: 98116
Ion Ratio	Lower Upper
113 100	
111 102.6	81.8 122.8
192 20.0	15.3 22.9



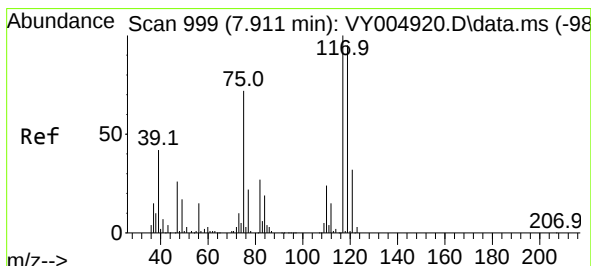
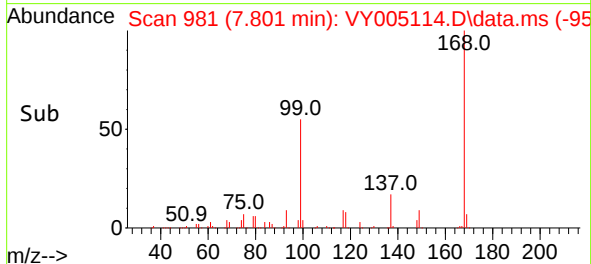
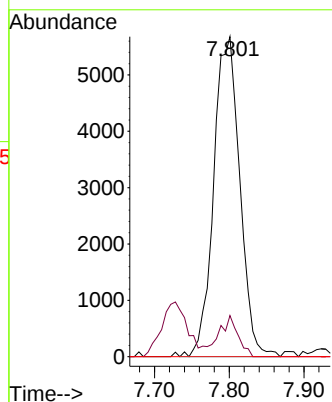


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

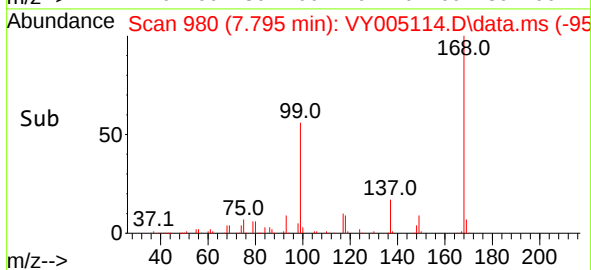
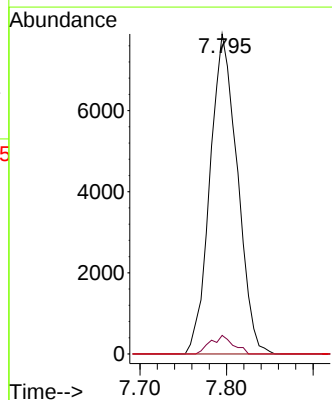
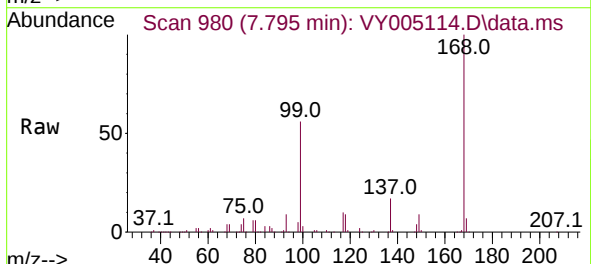


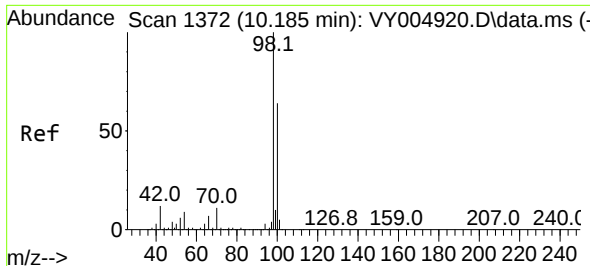
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.42 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.1	114.1#
121	0.0	25.5	38.3#

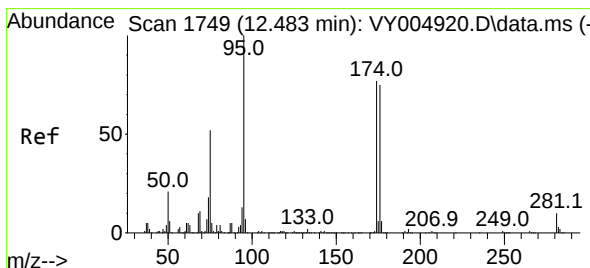
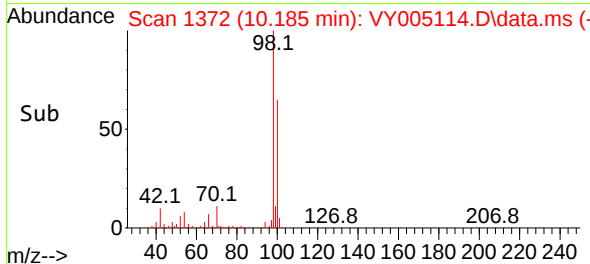
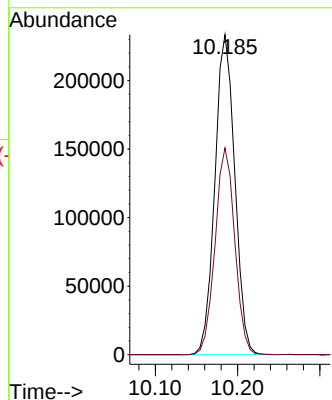
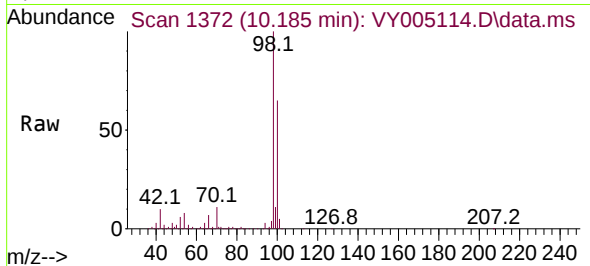




#50
Toluene-d8
Concen: 55.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

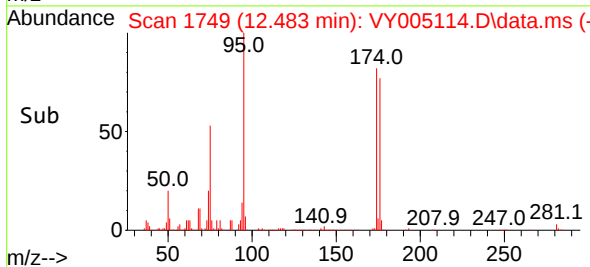
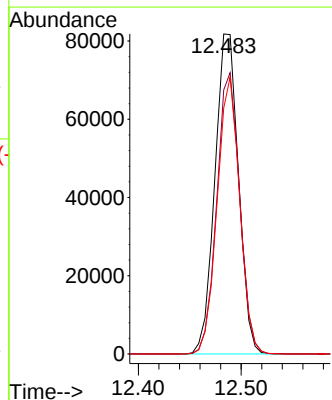
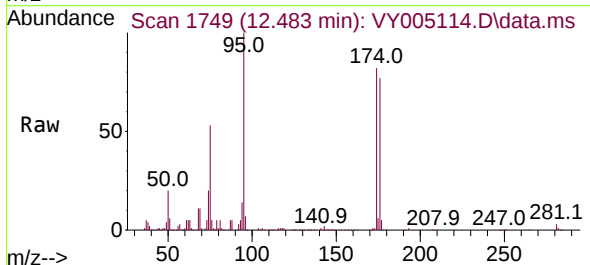
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

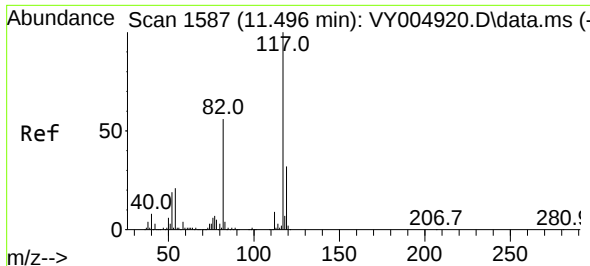
Tgt Ion: 98 Resp: 393120
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.49 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion: 95 Resp: 130323
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.8
176 82.3 0.0 155.6

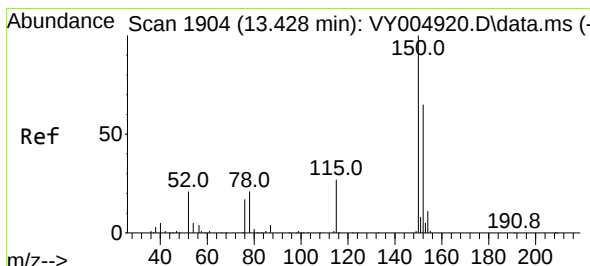
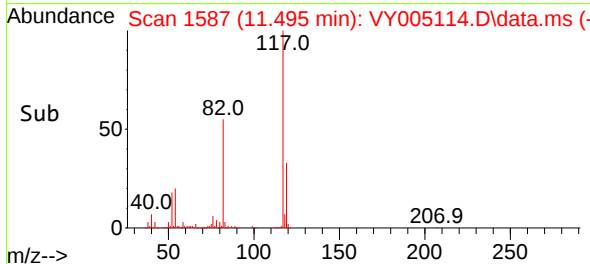
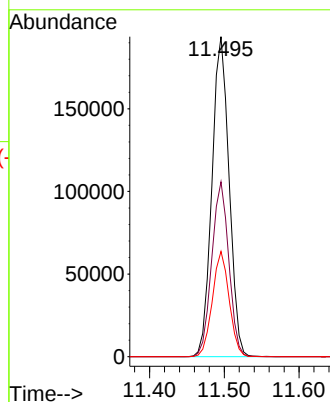
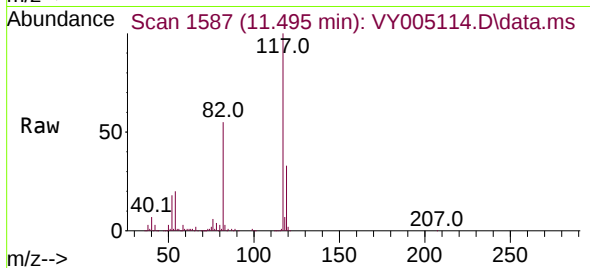




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

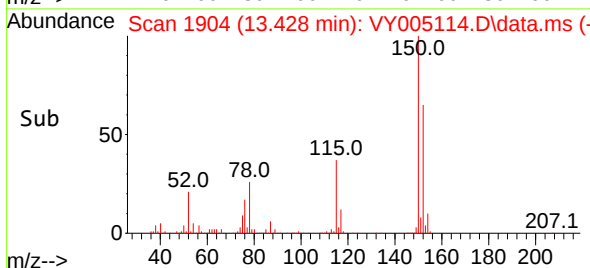
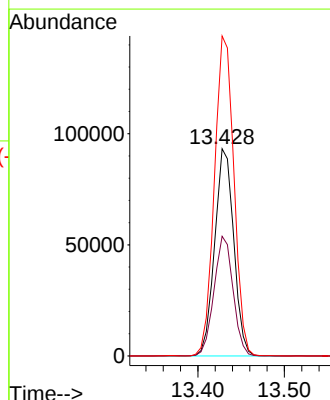
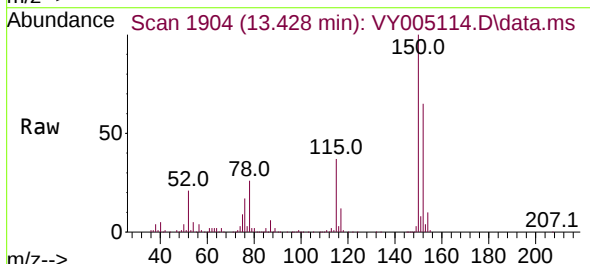
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

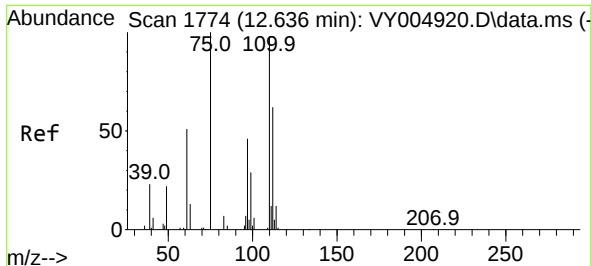
Tgt Ion:117 Resp: 309507
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion:152 Resp: 142487
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 157.9 0.0 347.8

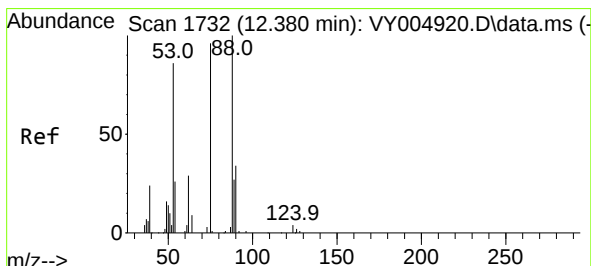
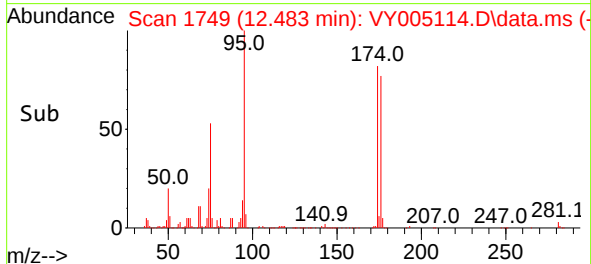
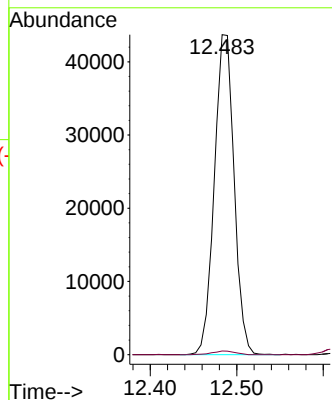
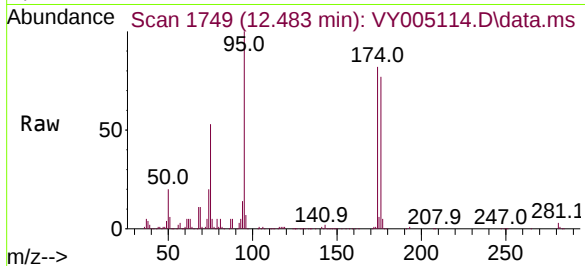




#76
1,2,3-Trichloropropane
Concen: 44.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion: 75 Resp: 69319
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion: 75 Resp: 69319
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.0 35.0 52.6#

