

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004799.D
 Acq On : 17 May 2021 12:59
 Operator : SY/MD
 Sample : M2420-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:03:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

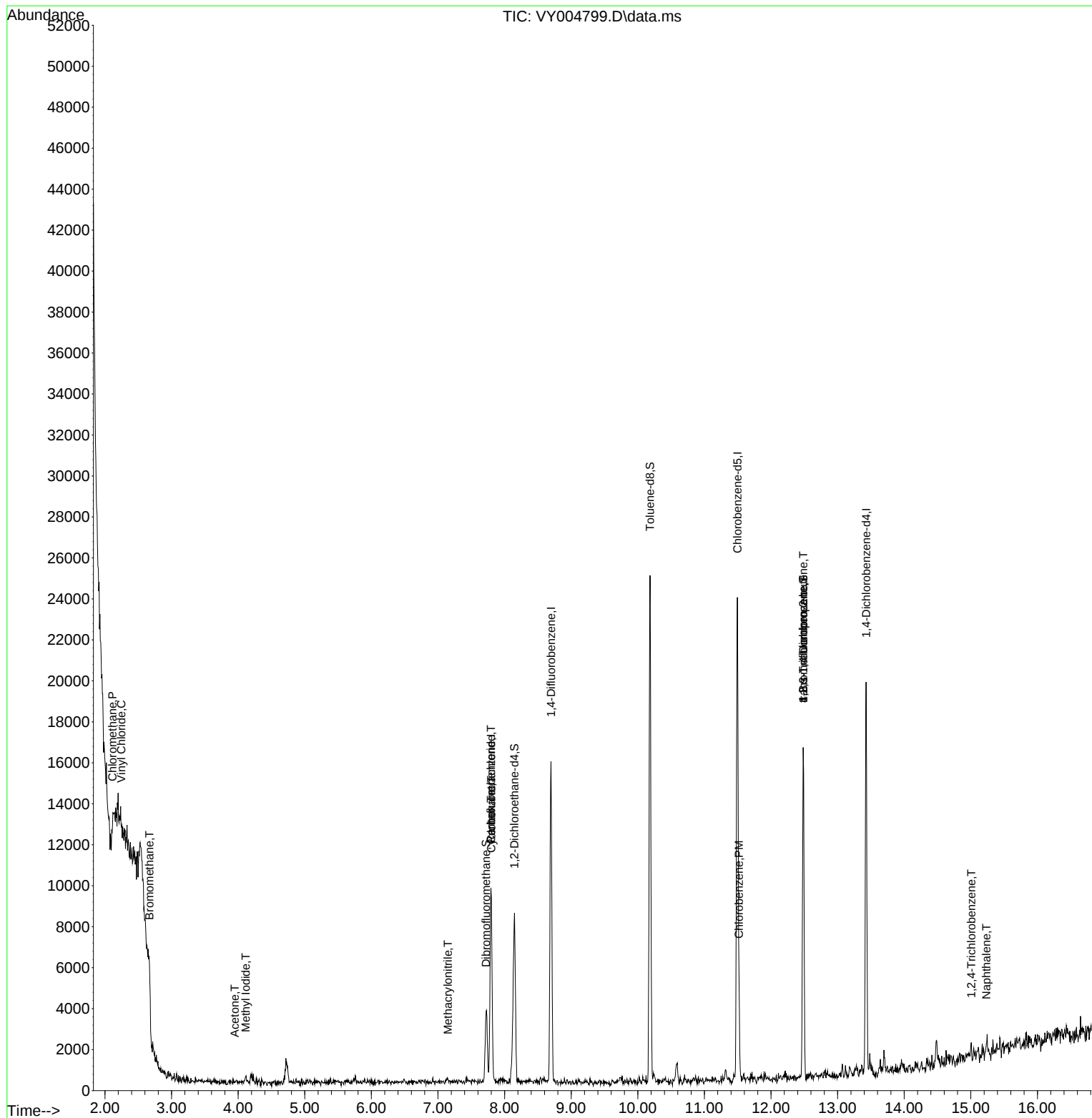
Internal Standards						
1) Pentafluorobenzene	7.795	168	7267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5708	65.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.98%
35) Dibromofluoromethane	7.722	113	2379	35.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.90%
50) Toluene-d8	10.185	98	15894	53.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.34%
62) 4-Bromofluorobenzene	12.483	95	4793	47.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.00%
Target Compounds						Qvalue
3) Chloromethane	2.113	50	548	5.08	ug/l #	85
4) Vinyl Chloride	2.247	62	204	1.85	ug/l #	43
5) Bromomethane	2.668	94	236	4.19	ug/l	89
10) Methyl Iodide	4.113	142	340	4.28	ug/l #	70
16) Acetone	3.948	43	274	14.10	ug/l #	45
20) Methylene Chloride	4.735	84	739	Below Cal	#	52
31) Cyclohexane	7.801	56	191	1.36	ug/l #	60
38) Carbon Tetrachloride	7.795	117	795	7.14	ug/l #	12
41) Methacrylonitrile	7.149	41	59	1.27	ug/l #	100
65) Chlorobenzene	11.520	112	1977	7.45	ug/l #	86
76) 1,2,3-Trichloropropane	12.483	75	2915	58.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2915	101.85	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.007	180	98	1.10	ug/l #	69
95) Naphthalene	15.233	128	487	2.54	ug/l #	69

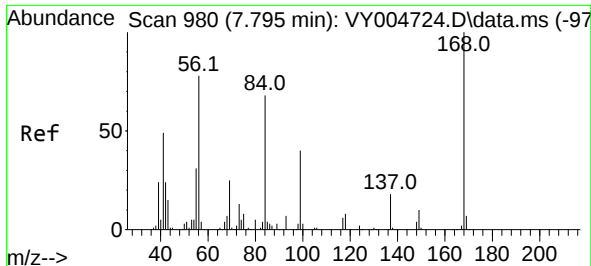
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
Data File : VY004799.D
Acq On : 17 May 2021 12:59
Operator : SY/MD
Sample : M2420-01
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 18 01:03:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

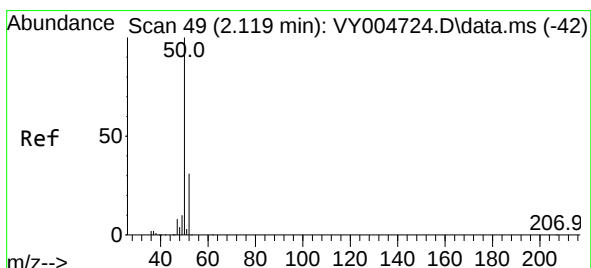
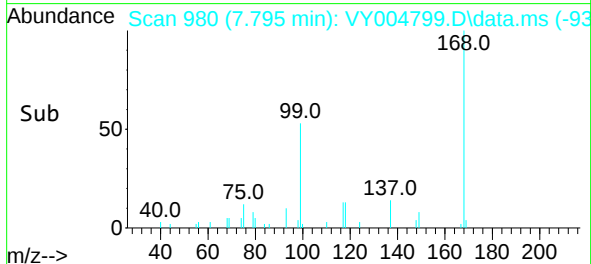
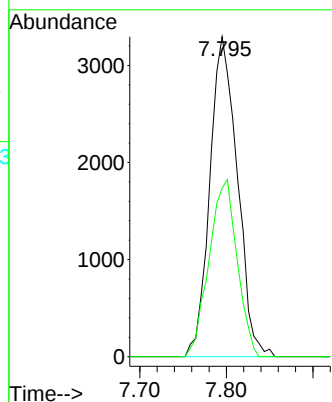
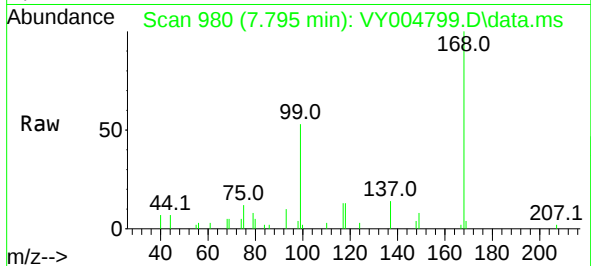




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

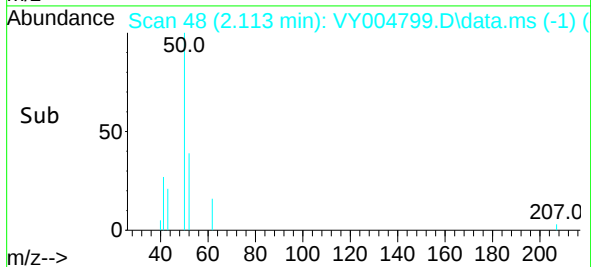
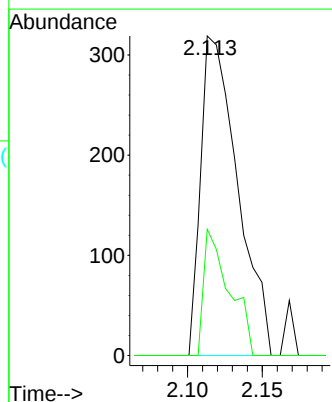
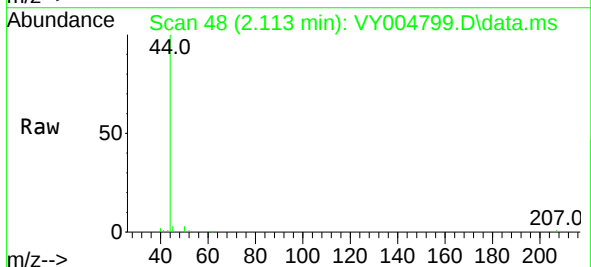
Instrument :
MSVOA_Y
ClientSampled :

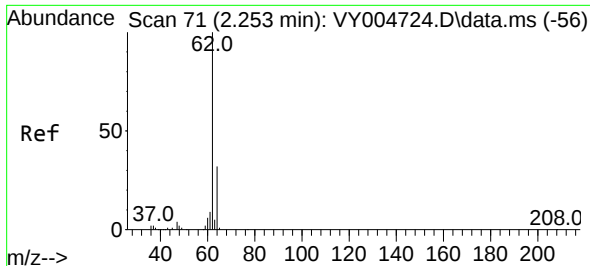
Tgt Ion:168 Resp: 7267
Ion Ratio Lower Upper
168 100
99 52.6 45.6 68.4



#3
Chloromethane
Concen: 5.08 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 39.5 25.0 37.6#

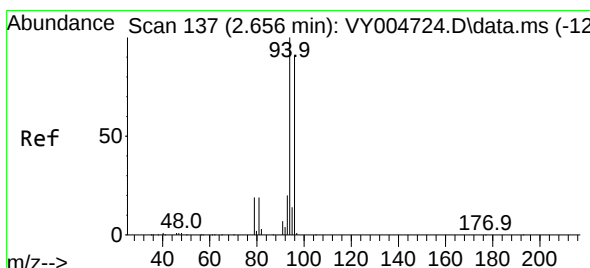
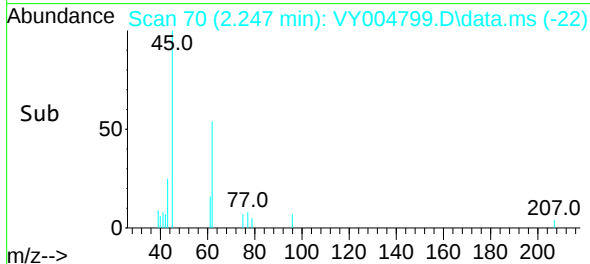
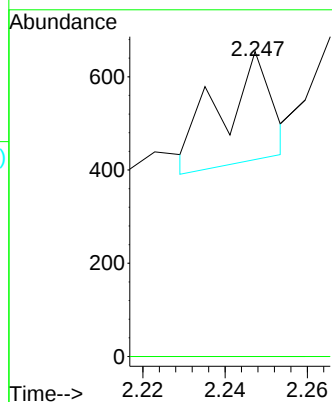
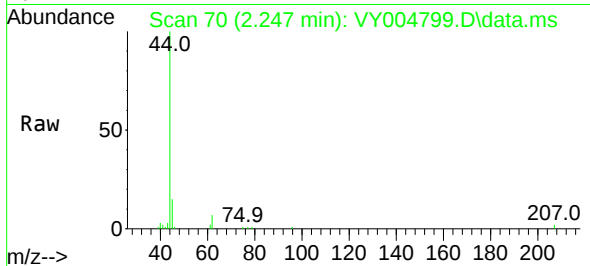




#4
 Vinyl Chloride
 Concen: 1.85 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY004799.D
 Acq: 17 May 2021 12:59

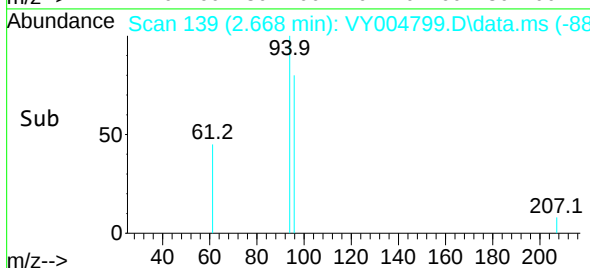
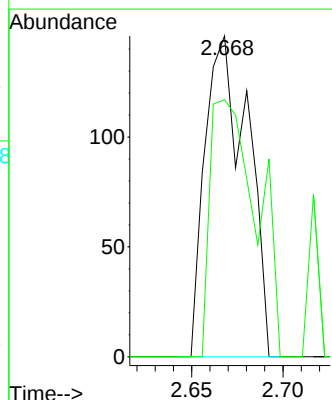
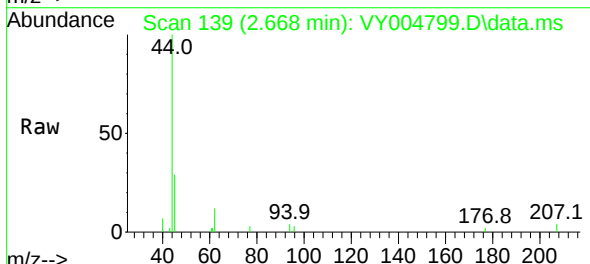
Instrument :
 MSVOA_Y
 ClientSampled :

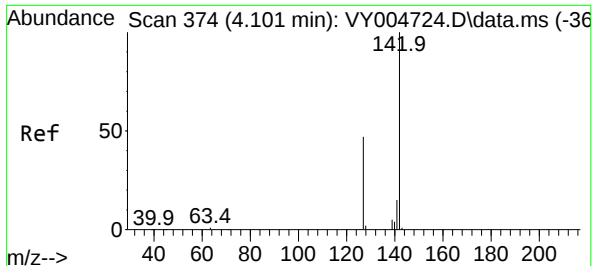
Tgt Ion: 62 Resp: 204
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 4.19 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY004799.D
 Acq: 17 May 2021 12:59

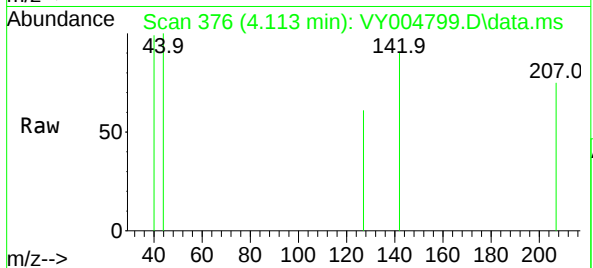
Tgt Ion: 94 Resp: 236
 Ion Ratio Lower Upper
 94 100
 96 80.1 72.6 109.0



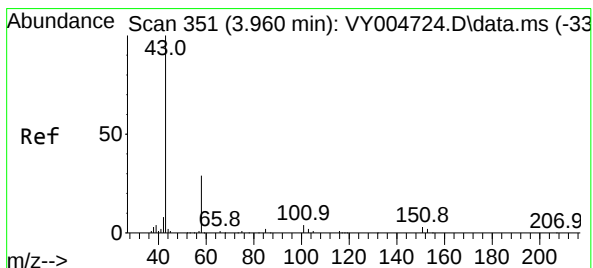
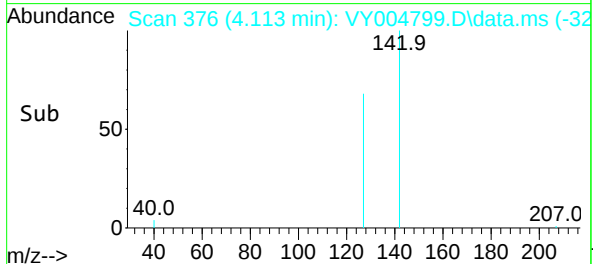
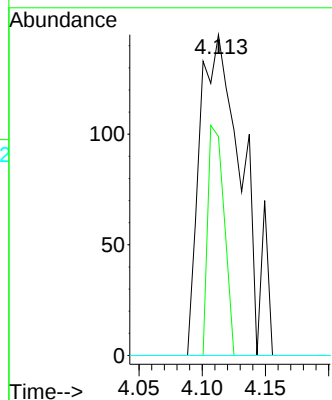


#10
Methyl Iodide
Concen: 4.28 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Instrument :
MSVOA_Y
ClientSampled :

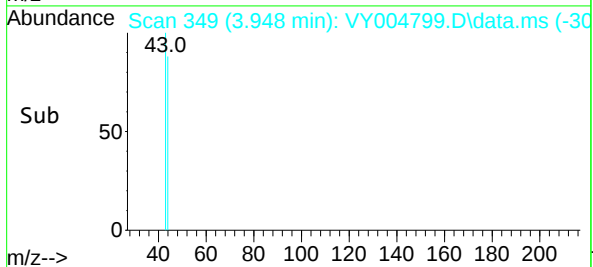
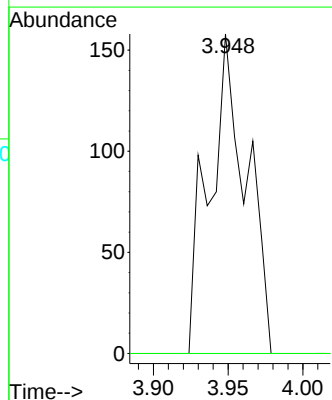
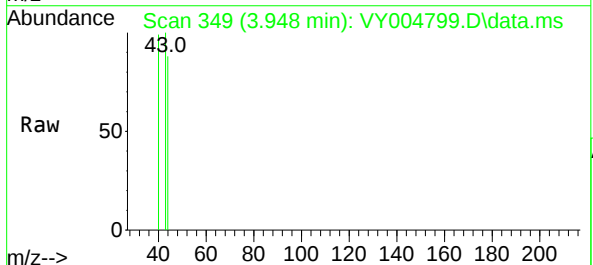


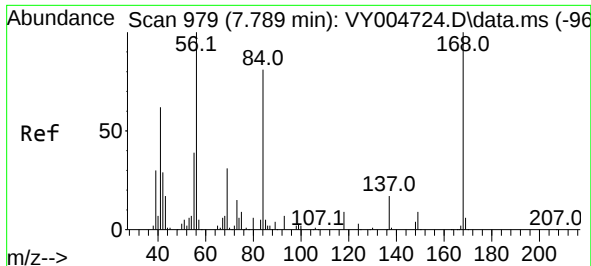
Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
127 27.4 37.1 55.7#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 14.10 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

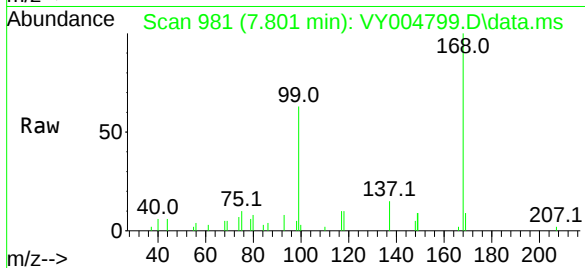
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



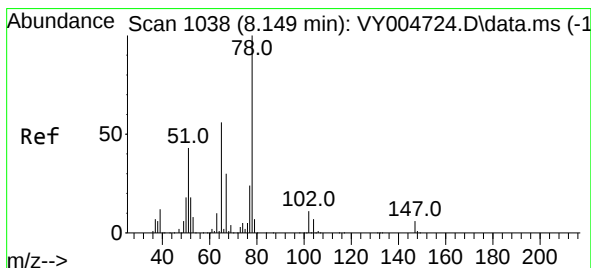
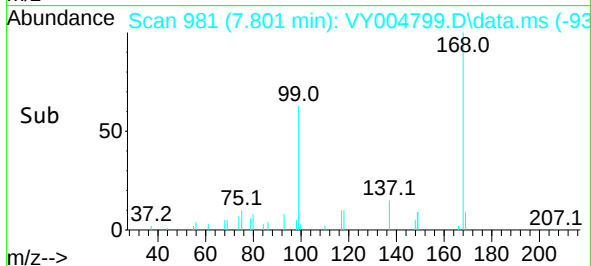
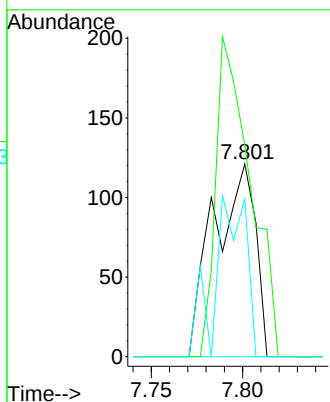


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Instrument :
MSVOA_Y
ClientSampled :

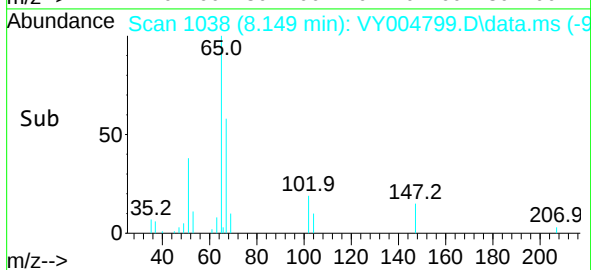
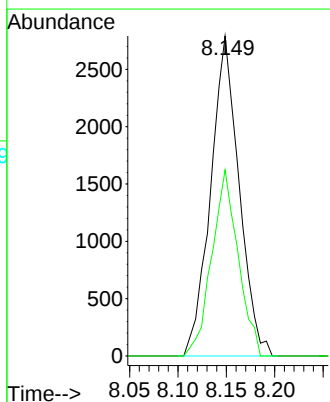
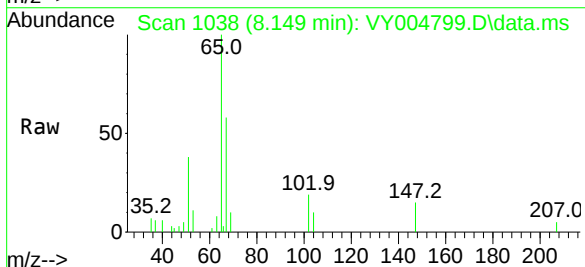


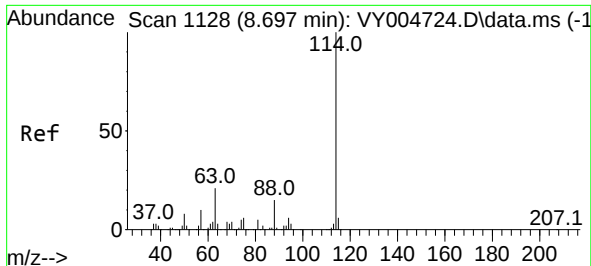
Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
69 109.9 24.4 36.6#
84 81.8 64.8 97.2



#33
1,2-Dichloroethane-d4
Concen: 65.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion: 65 Resp: 5708
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.0

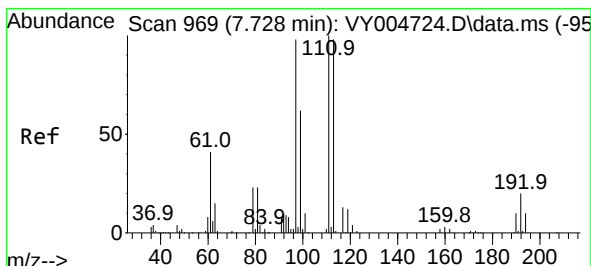
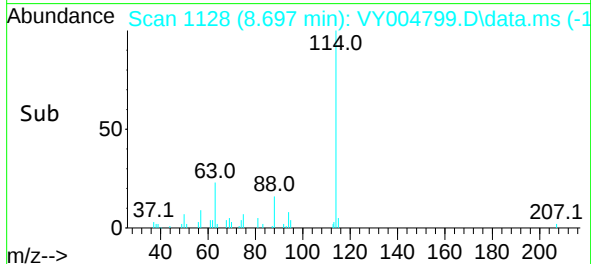
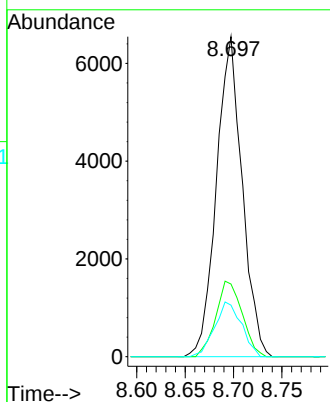
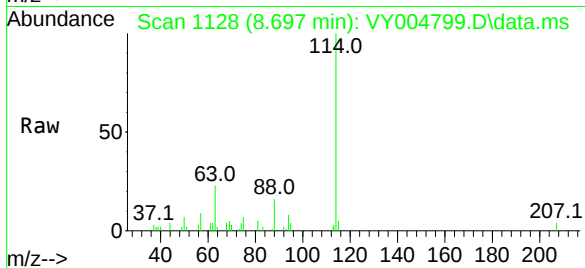




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

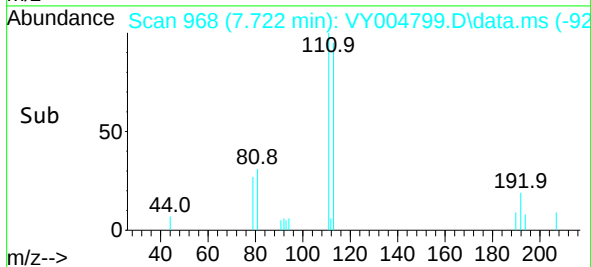
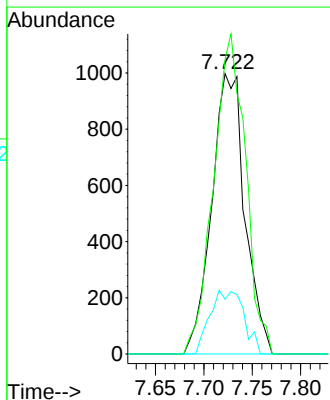
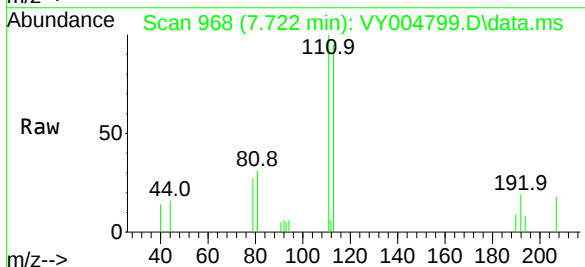
Instrument :
MSVOA_Y
ClientSampled :

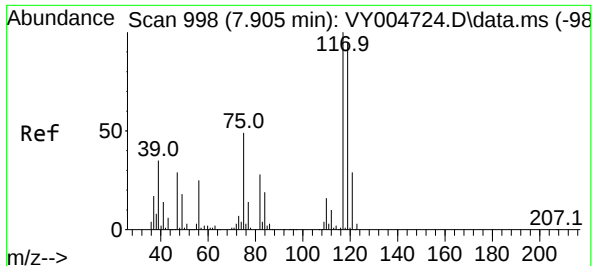
Tgt Ion:	114	Resp:	12088
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.8
88	16.1	0.0	31.0



#35
Dibromofluoromethane
Concen: 35.95 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

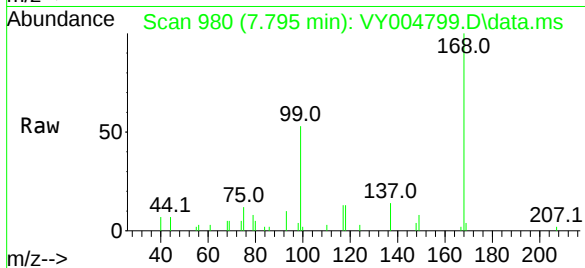
Tgt Ion:	113	Resp:	2379
Ion	Ratio	Lower	Upper
113	100		
111	110.3	80.5	120.7
192	23.0	15.0	22.6#



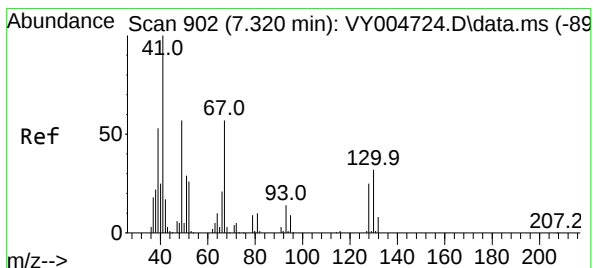
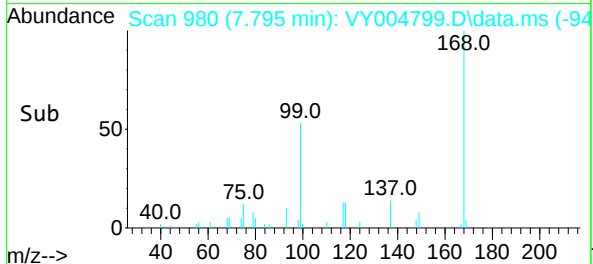
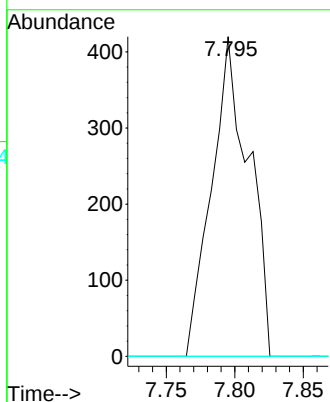


#38
Carbon Tetrachloride
Concen: 7.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Instrument :
MSVOA_Y
ClientSampleId :

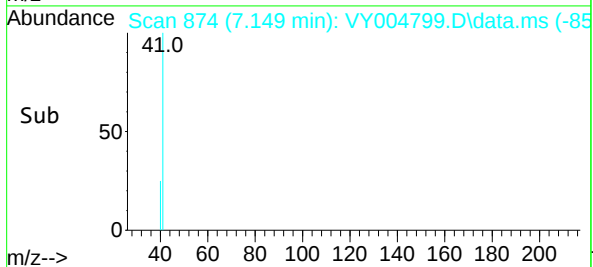
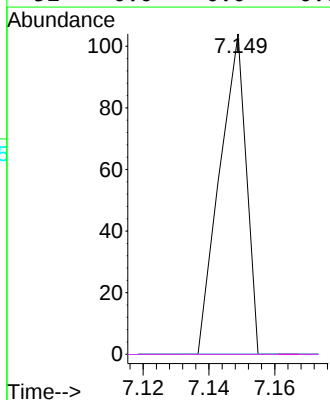
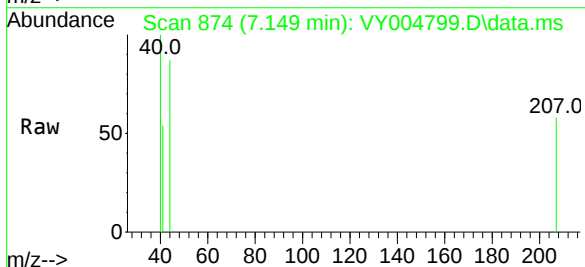


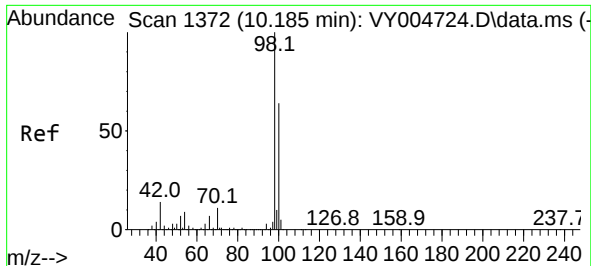
Tgt Ion: 117 Resp: 795
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#



#41
Methacrylonitrile
Concen: 1.27 ug/l
RT: 7.149 min Scan# 874
Delta R.T. -0.171 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

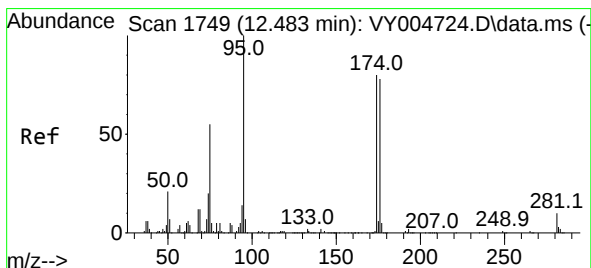
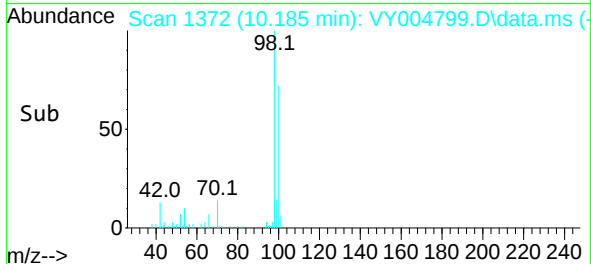
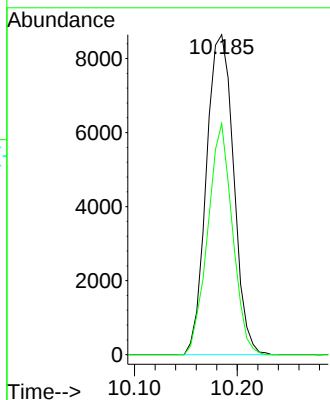
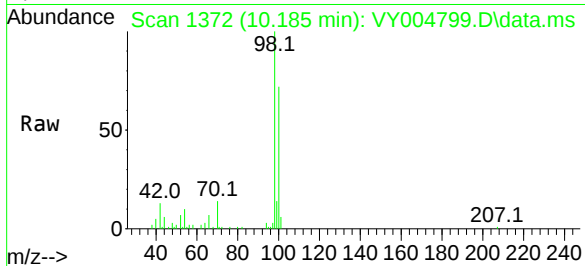




#50
Toluene-d8
Concen: 53.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

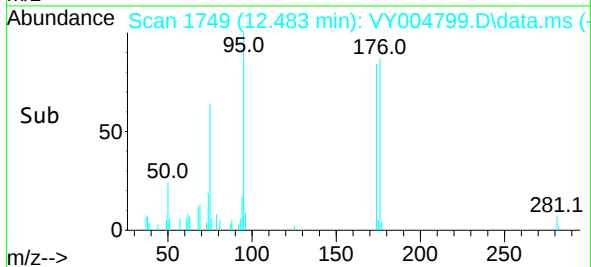
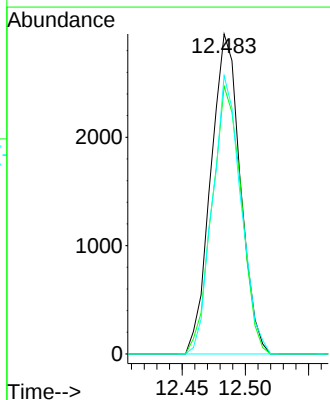
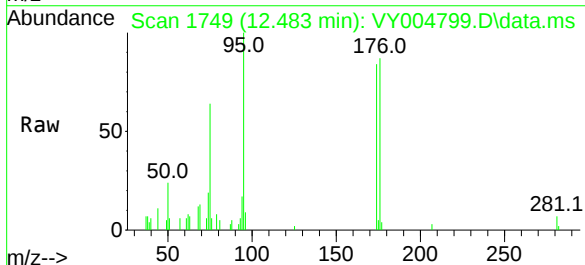
Instrument :
MSVOA_Y
ClientSampled :

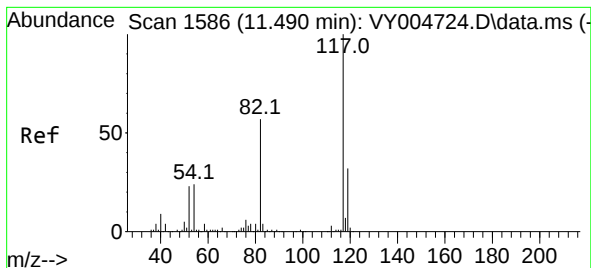
Tgt Ion: 98 Resp: 15894
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion: 95 Resp: 4793
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.2
176 83.3 0.0 159.0

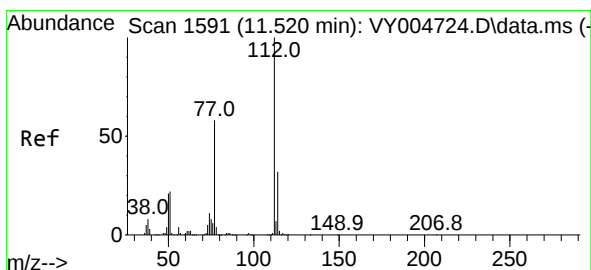
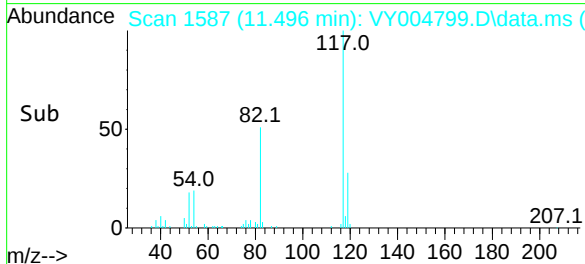
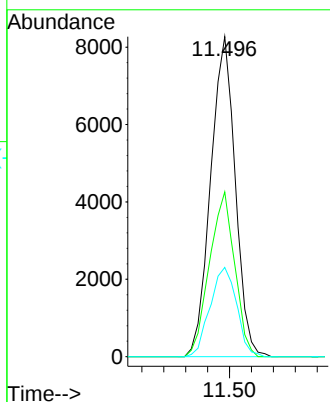
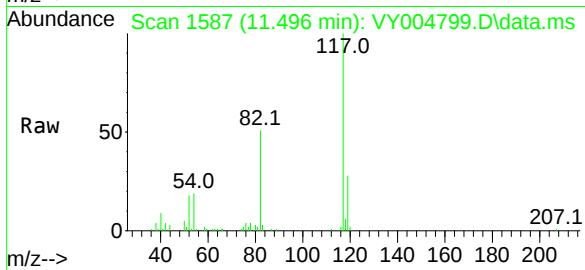




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

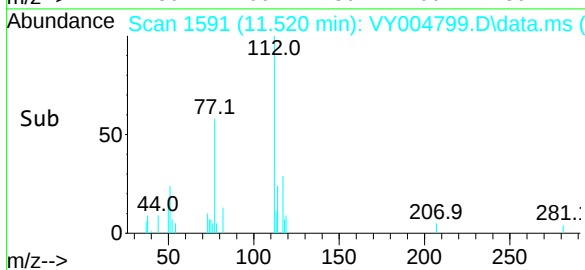
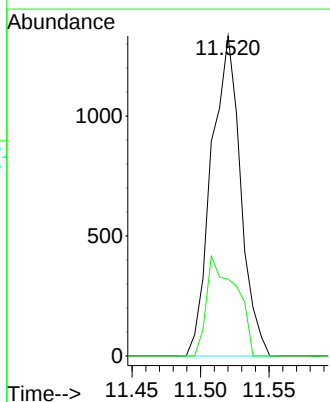
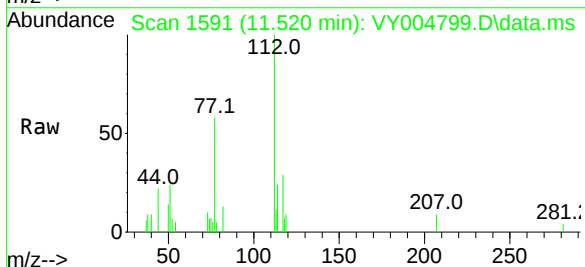
Instrument :
MSVOA_Y
ClientSampleId :

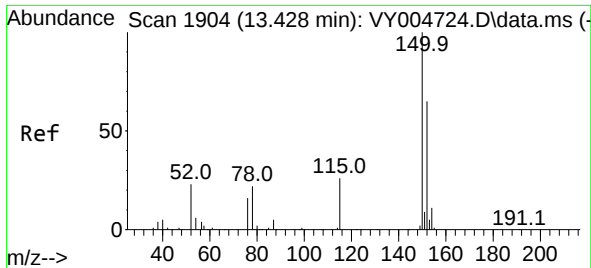
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	45.4	68.2
119	27.9	25.8	38.6



#65
Chlorobenzene
Concen: 7.45 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	24.0	25.4	38.2#

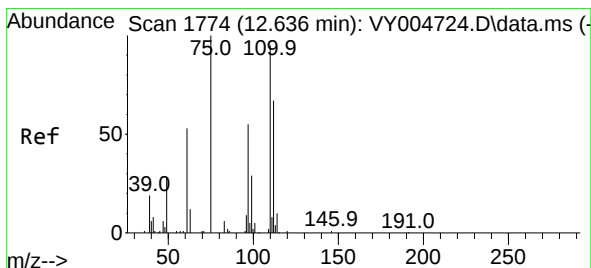
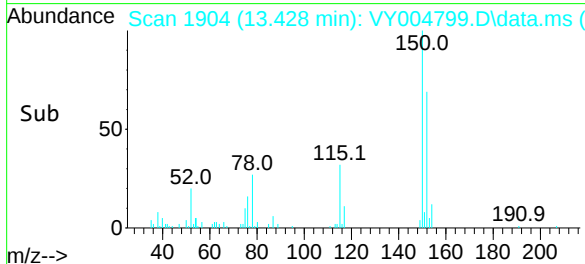
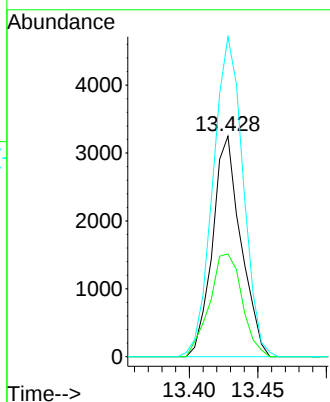
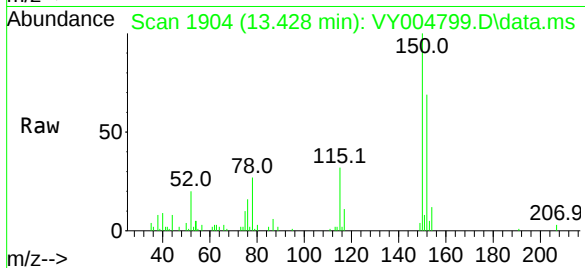




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

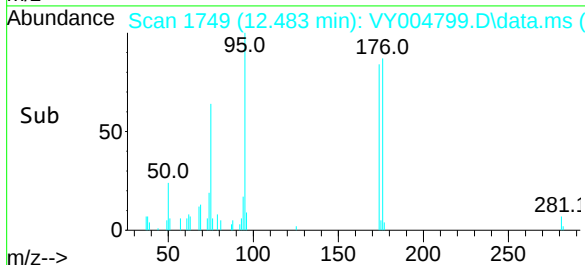
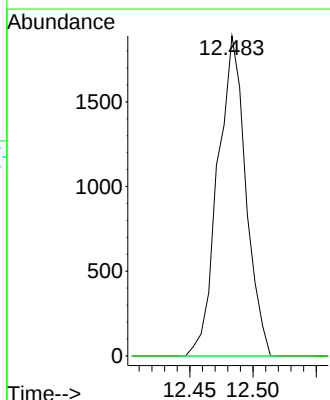
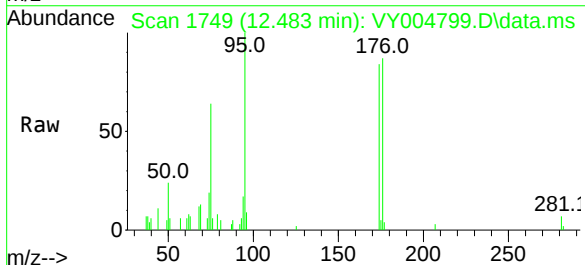
Instrument :
MSVOA_Y
ClientSampleId :

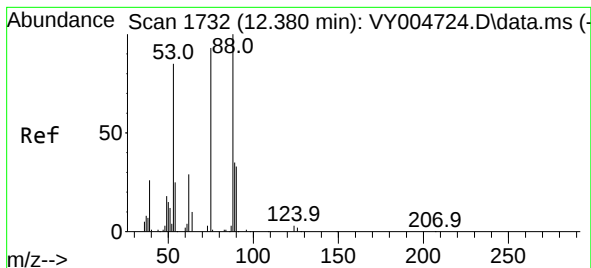
Tgt Ion:152 Resp: 4672
Ion Ratio Lower Upper
152 100
115 53.5 29.4 88.3
150 153.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 58.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Tgt Ion: 75 Resp: 2915
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

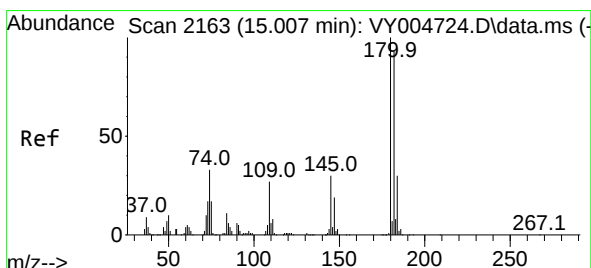
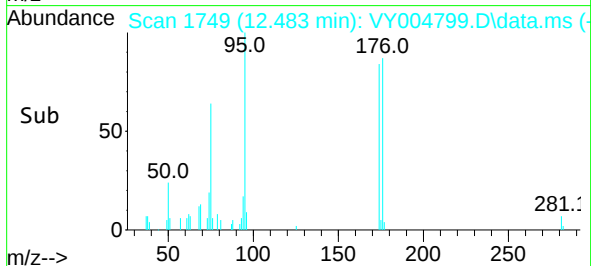
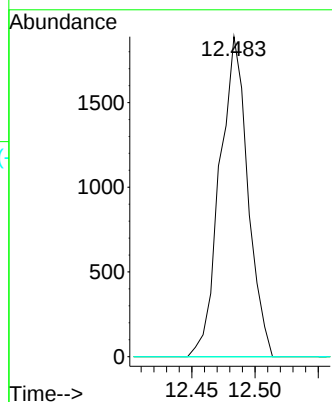
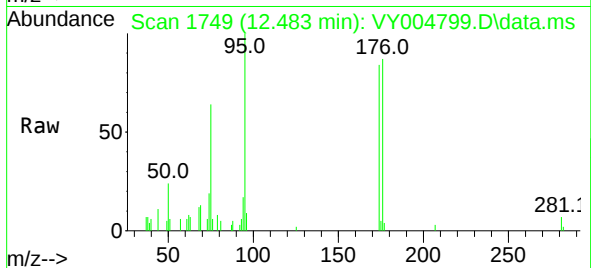




#81
trans-1,4-Dichloro-2-butene
Concen: 101.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

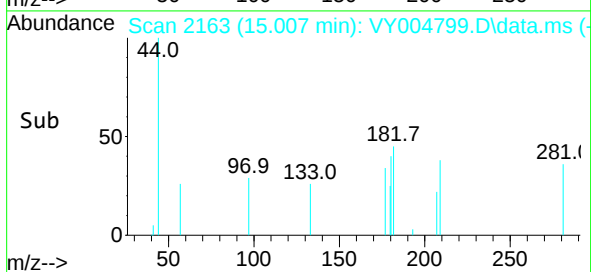
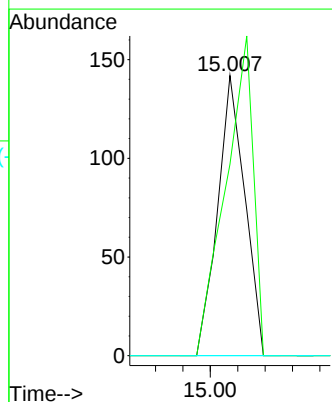
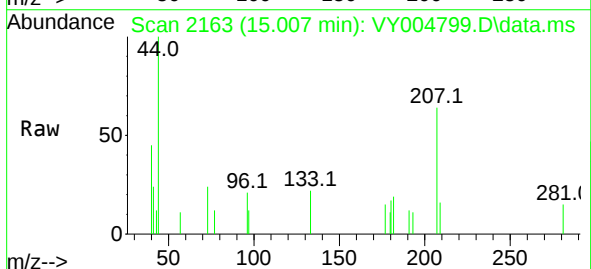
Instrument :
MSVOA_Y
ClientSampleId :

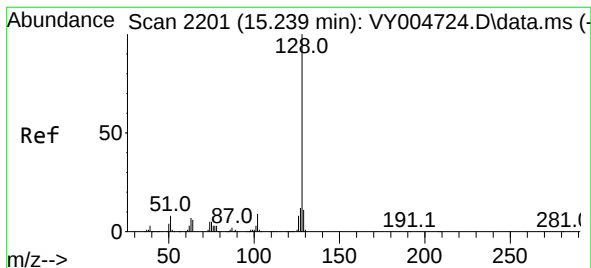
Tgt Ion: 75 Resp: 2915
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.10 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

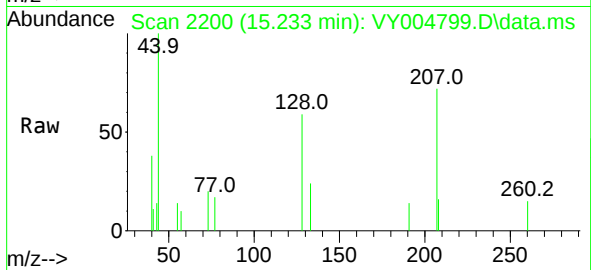
Tgt Ion:180 Resp: 98
Ion Ratio Lower Upper
180 100
182 116.3 46.9 140.8
145 0.0 15.4 46.4#





#95
Naphthalene
Concen: 2.54 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004799.D
Acq: 17 May 2021 12:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 487
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

