

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004802.D
 Acq On : 17 May 2021 14:09
 Operator : SY/MD
 Sample : M2420-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCESSION-CP-4

Quant Time: May 18 01:04:31 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)

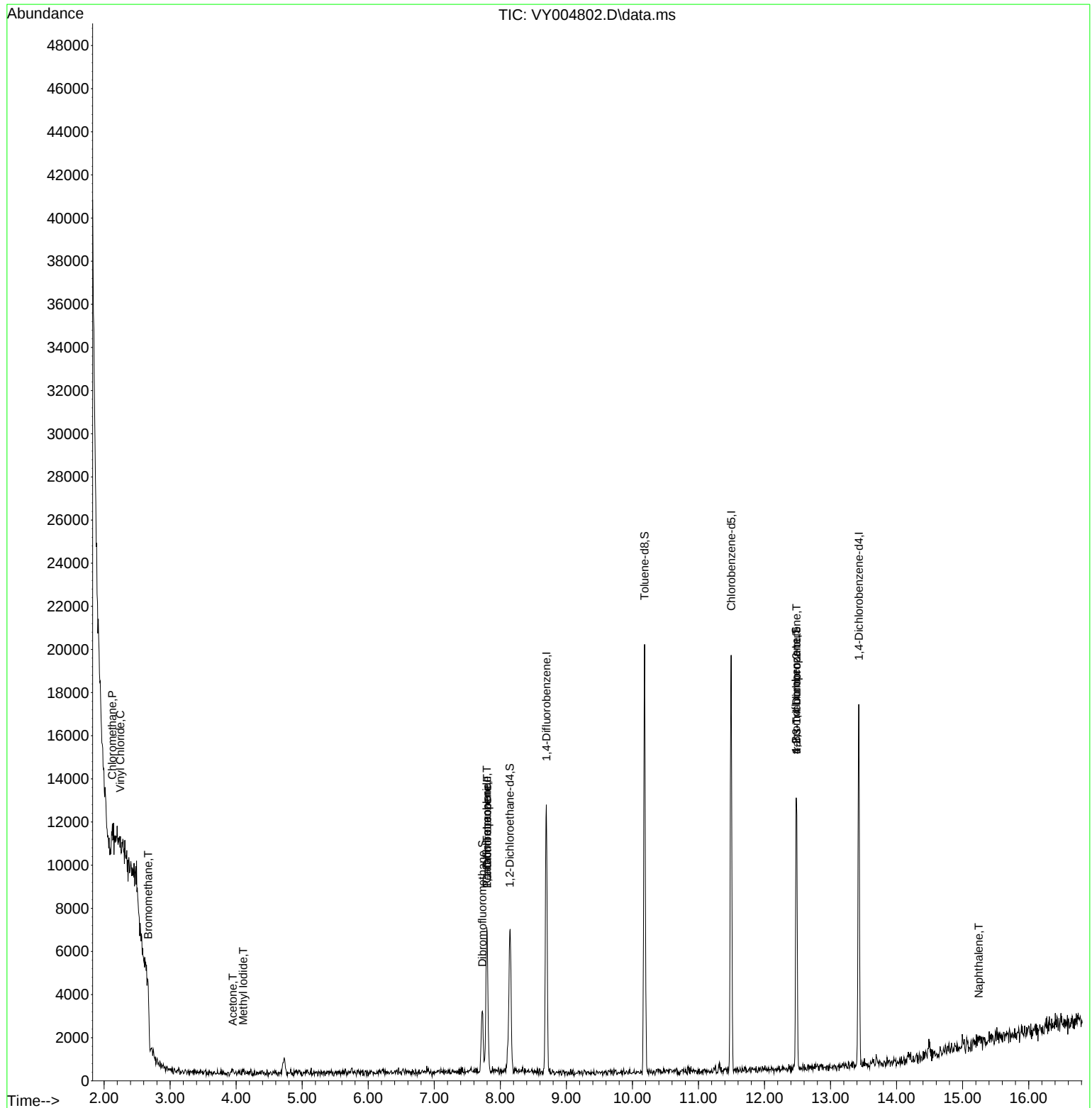
Internal Standards						
1) Pentafluorobenzene	7.801	168	5206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4816	77.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.44%
35) Dibromofluoromethane	7.728	113	2087	37.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.70%
50) Toluene-d8	10.185	98	12346	49.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.14%
62) 4-Bromofluorobenzene	12.477	95	4148	49.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.68%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	378	4.89	ug/l	95
4) Vinyl Chloride	2.247	62	351	4.44	ug/l #	43
5) Bromomethane	2.668	94	167	4.14	ug/l #	80
10) Methyl Iodide	4.107	142	161	2.83	ug/l #	38
16) Acetone	3.948	43	203	14.58	ug/l #	45
20) Methylene Chloride	4.716	84	258	Below Cal	#	79
36) 1,1-Dichloropropene	7.801	75	564	5.46	ug/l #	42
38) Carbon Tetrachloride	7.795	117	552	5.95	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2441	59.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2441	103.07	ug/l #	13
95) Naphthalene	15.245	128	195	1.23	ug/l #	69

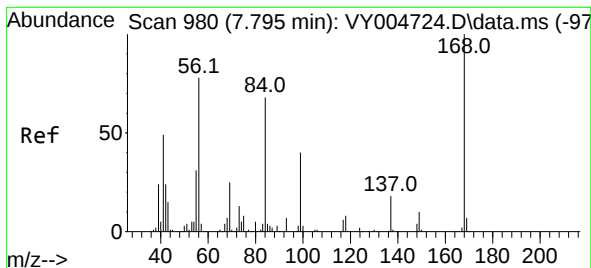
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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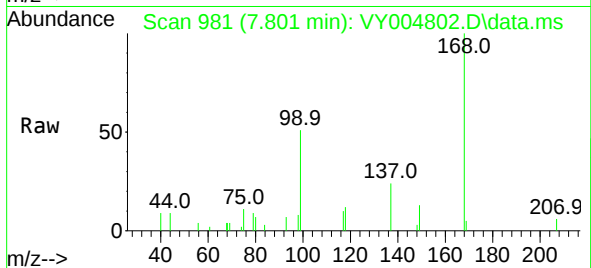
Quant Time: May 18 01:04:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
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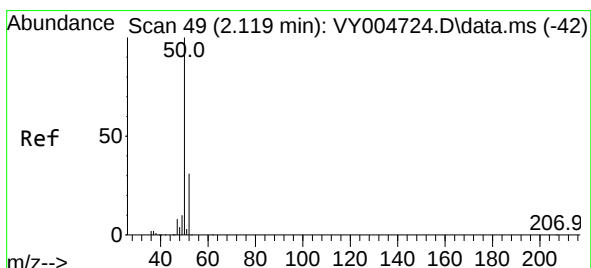
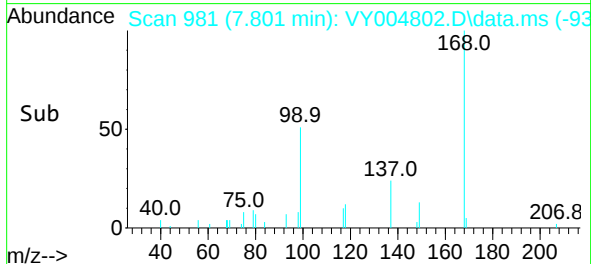
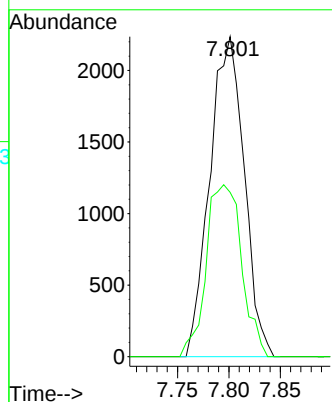


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

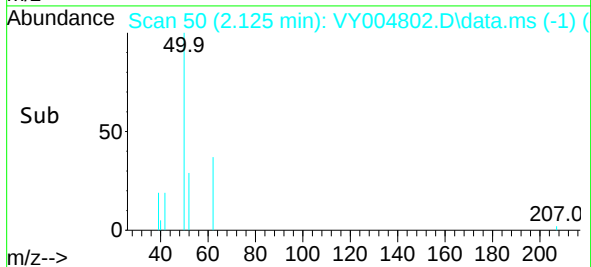
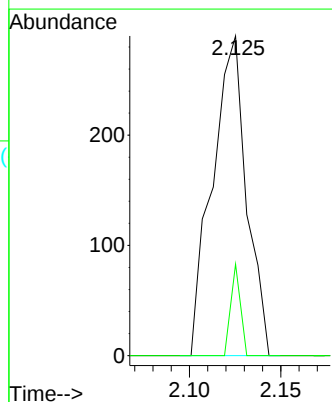
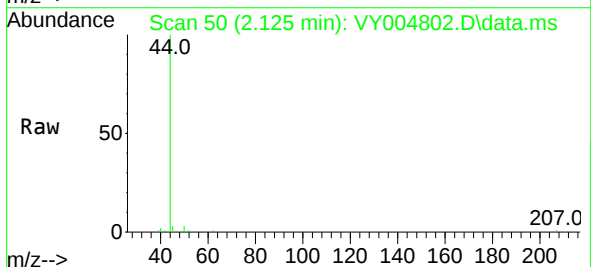


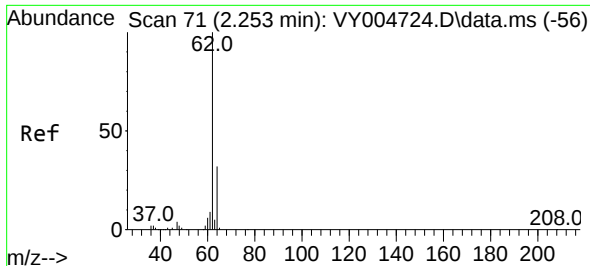
Tgt Ion: 168 Resp: 5206
Ion Ratio Lower Upper
168 100
99 51.3 45.6 68.4



#3
Chloromethane
Concen: 4.89 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 28.6 25.0 37.6

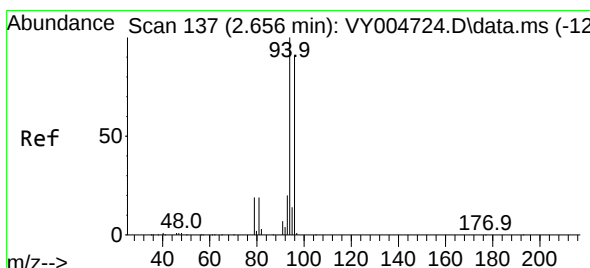
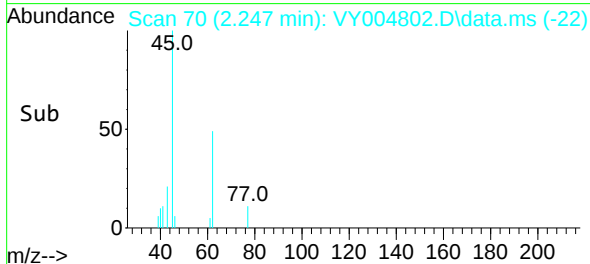
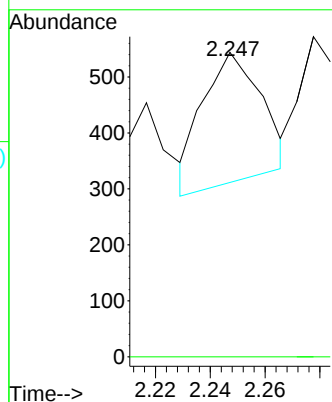
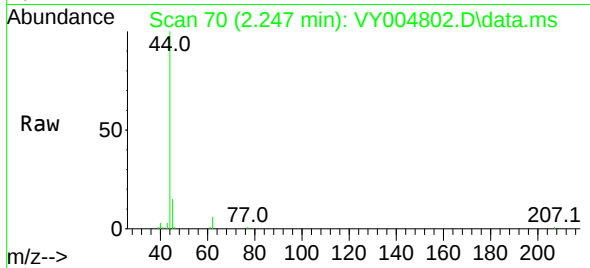




#4
 Vinyl Chloride
 Concen: 4.44 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY004802.D
 Acq: 17 May 2021 14:09

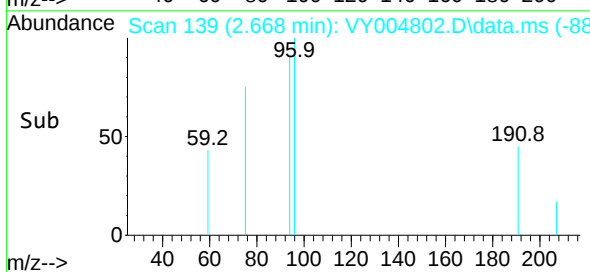
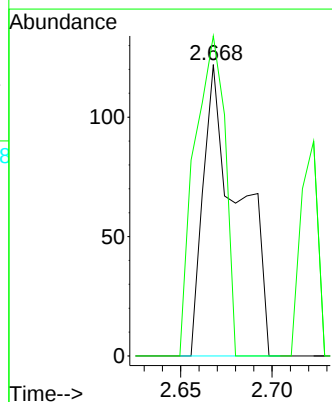
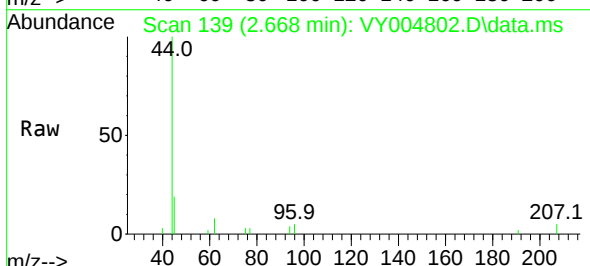
Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCESSION-CP-4

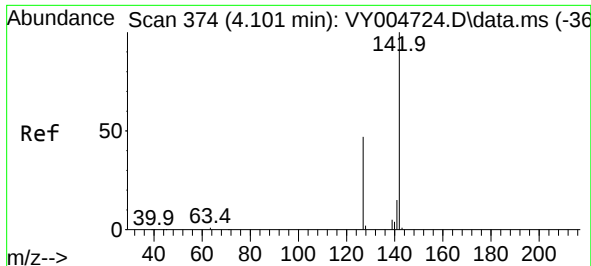
Tgt Ion: 62 Resp: 351
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#5
 Bromomethane
 Concen: 4.14 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY004802.D
 Acq: 17 May 2021 14:09

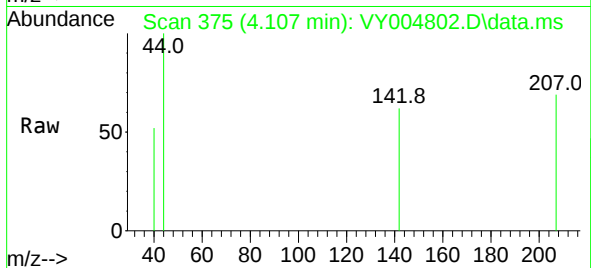
Tgt Ion: 94 Resp: 167
 Ion Ratio Lower Upper
 94 100
 96 109.8 72.6 109.0#



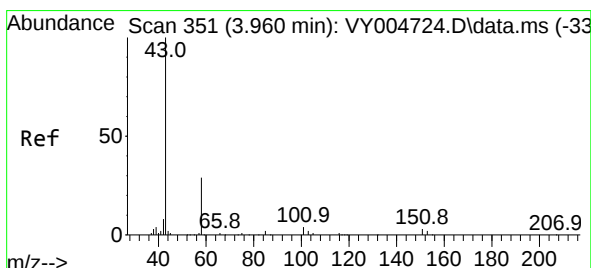
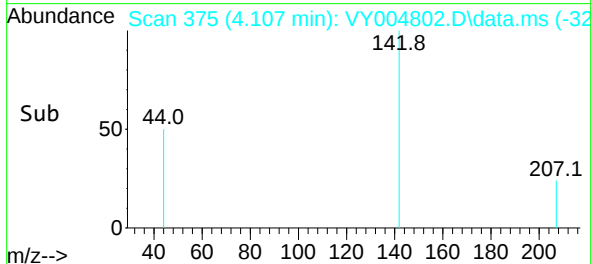
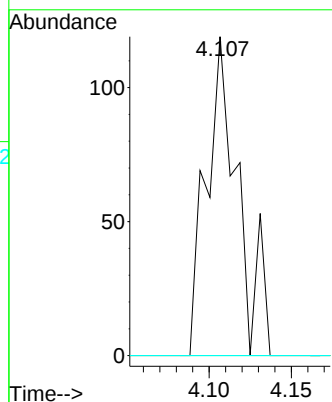


#10
Methyl Iodide
Concen: 2.83 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

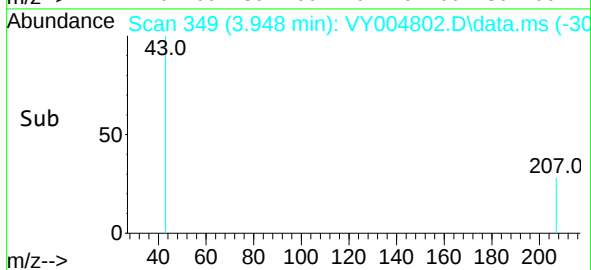
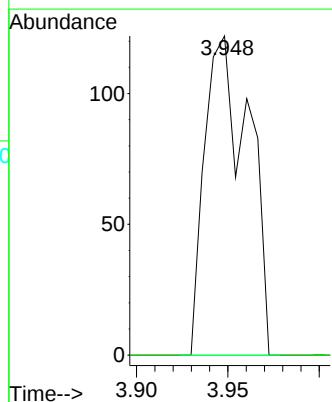
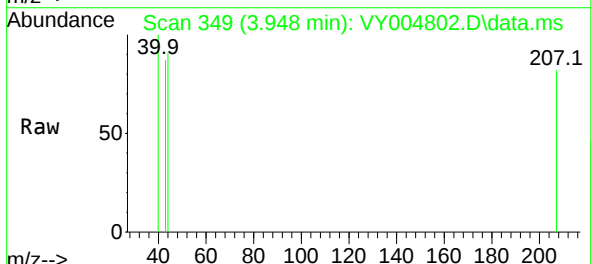


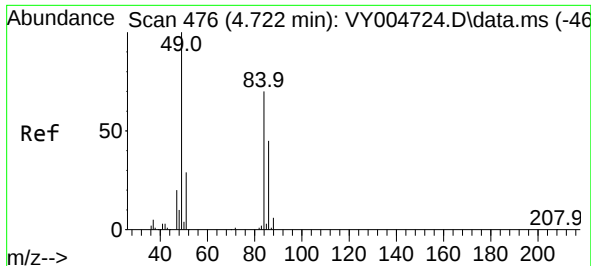
Tgt Ion:142 Resp: 161
Ion Ratio Lower Upper
142 100
127 0.0 37.1 55.7#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 14.58 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY004802.D

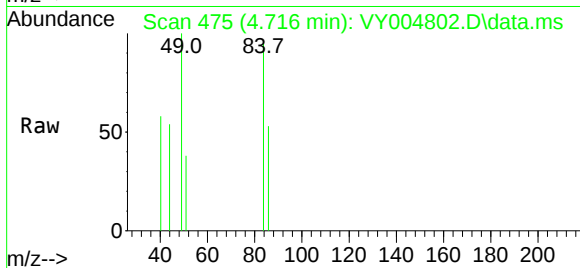
Acq: 17 May 2021 14:09

Instrument :

MSVOA_Y

ClientSampleId :

CONCESSION-CP-4



Tgt Ion: 84 Resp: 258

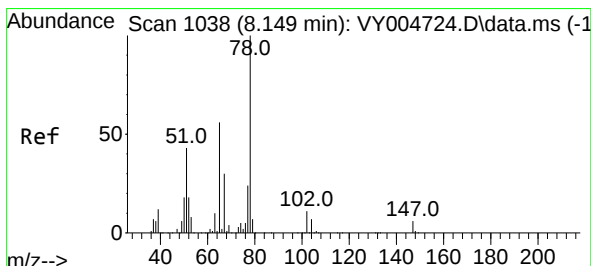
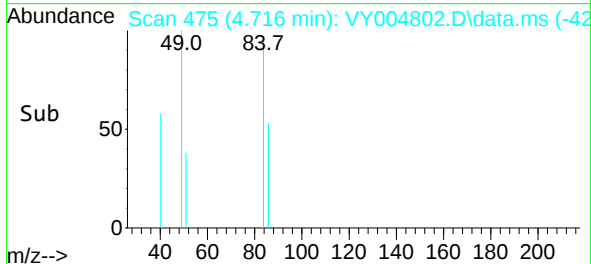
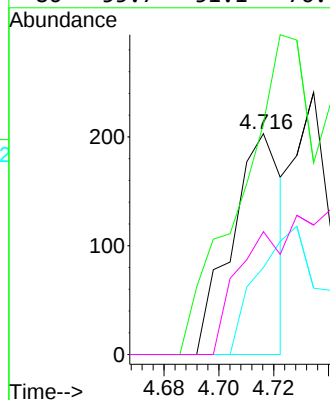
Ion Ratio Lower Upper

84 100

49 104.4 113.8 170.8#

51 39.4 33.5 50.3

86 55.7 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 77.72 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY004802.D

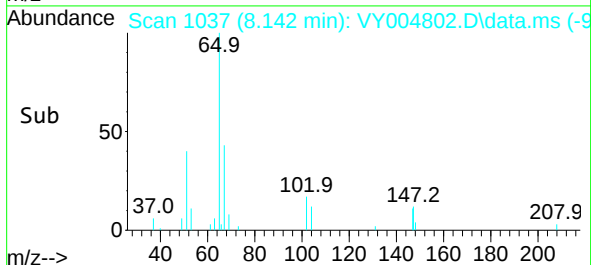
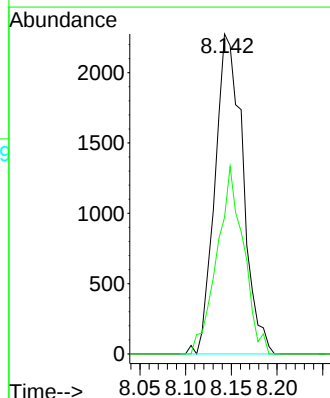
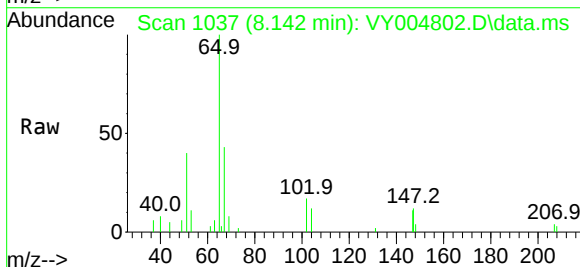
Acq: 17 May 2021 14:09

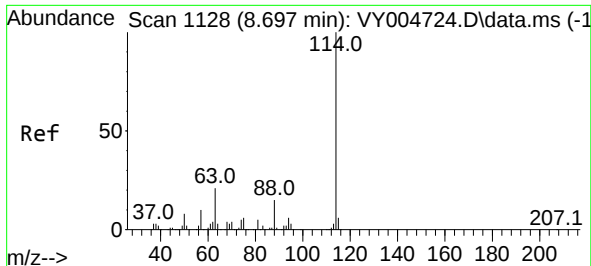
Tgt Ion: 65 Resp: 4816

Ion Ratio Lower Upper

65 100

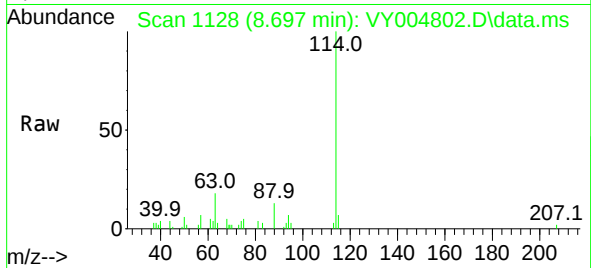
67 55.9 0.0 108.0



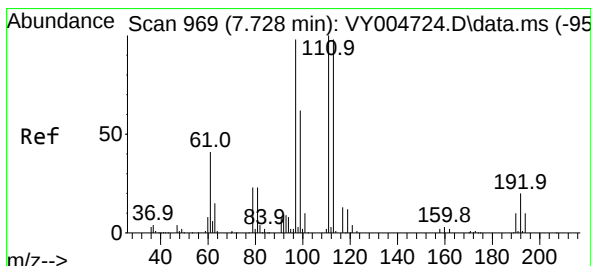
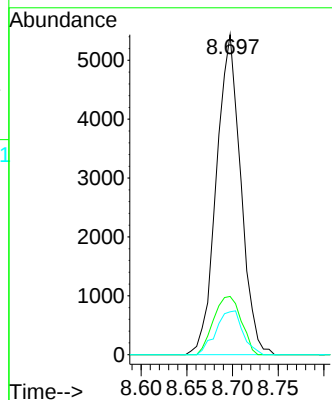
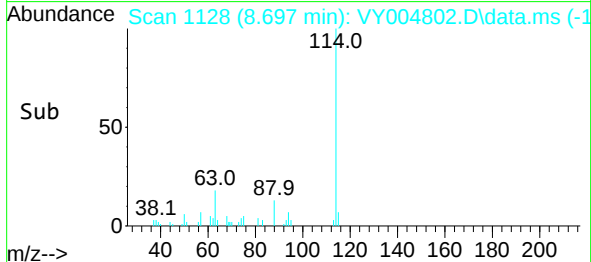


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

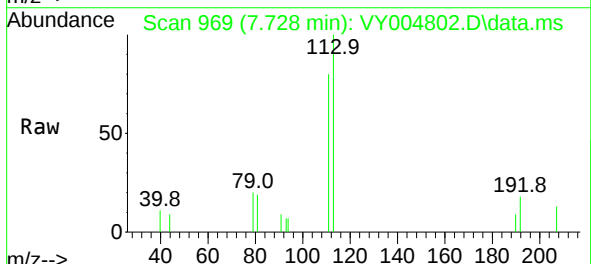
Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4



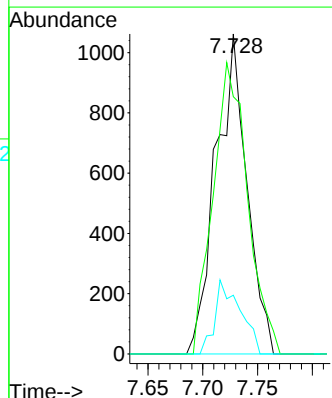
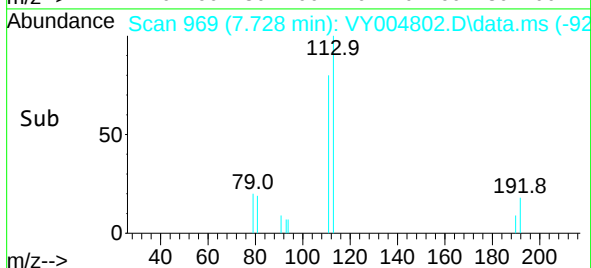
Tgt Ion:	114	Resp:	10072
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	42.8
88	13.4	0.0	31.0

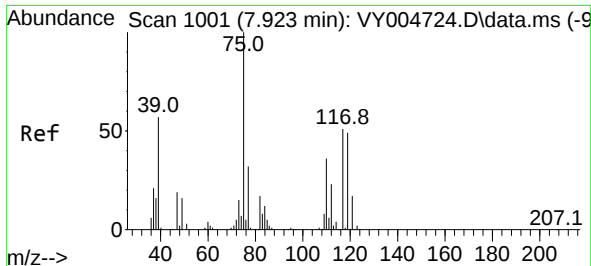


#35
Dibromofluoromethane
Concen: 37.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09



Tgt Ion:	113	Resp:	2087
Ion Ratio	Lower	Upper	
113	100		
111	101.8	80.5	120.7
192	19.0	15.0	22.6

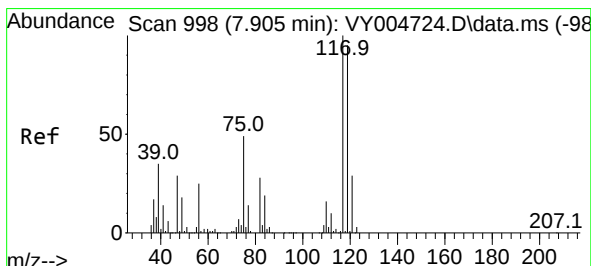
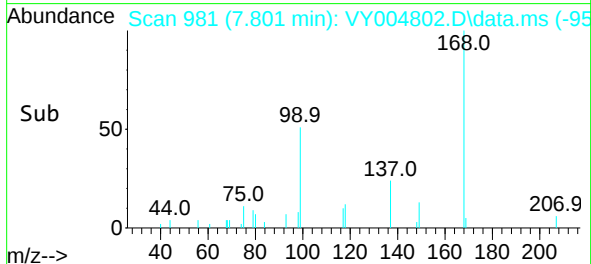
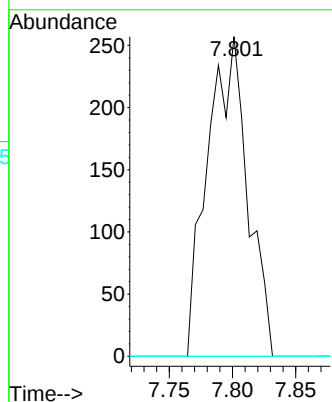
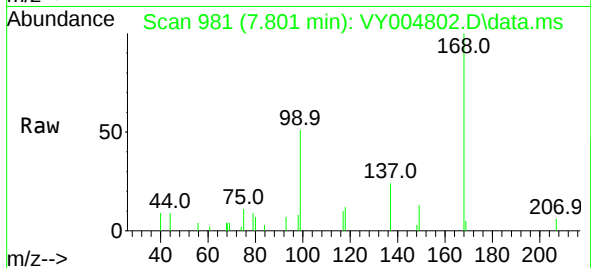




#36
1,1-Dichloropropene
Concen: 5.46 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

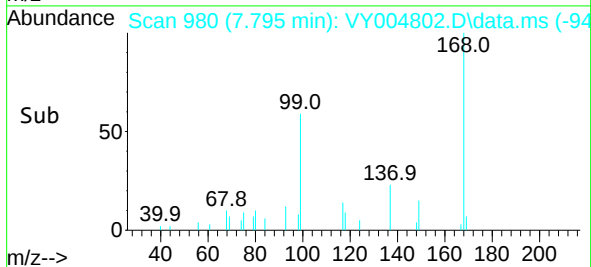
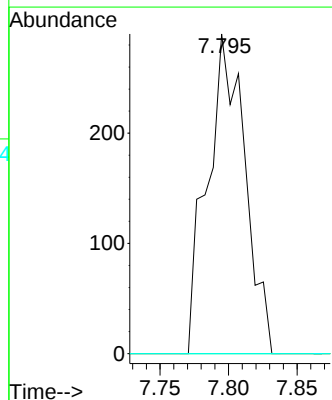
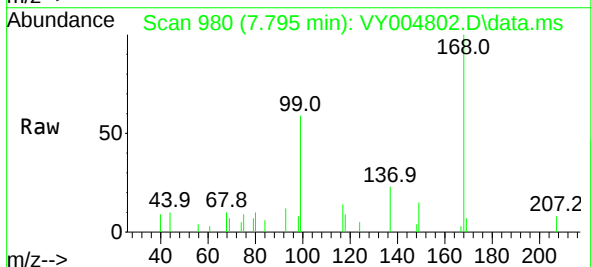
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MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

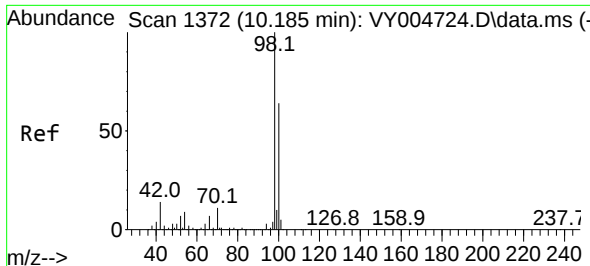
Tgt Ion: 75 Resp: 564
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 117 Resp: 552
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

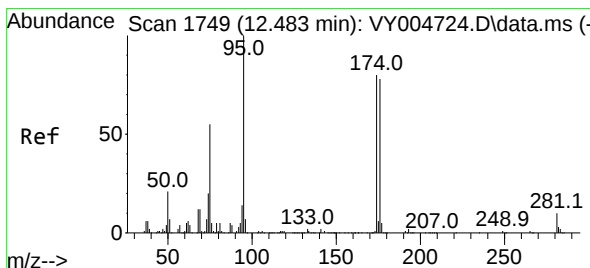
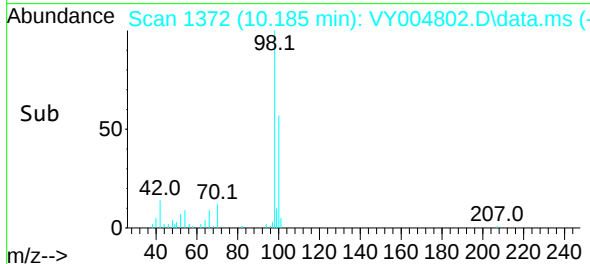
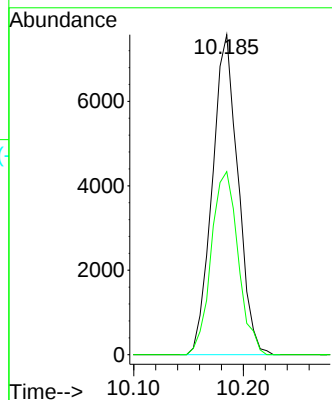
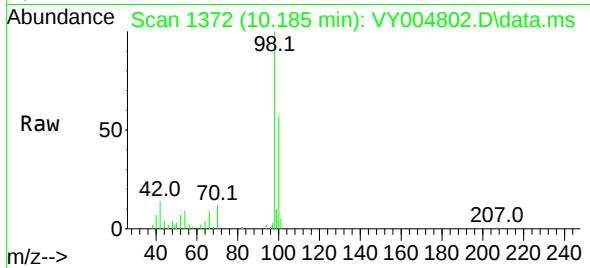




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

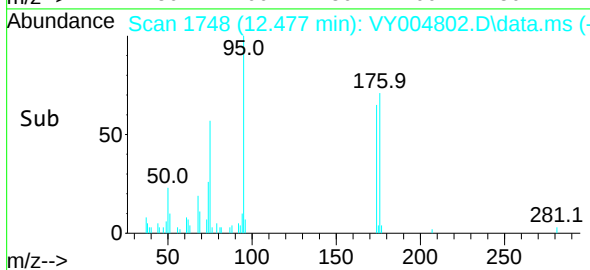
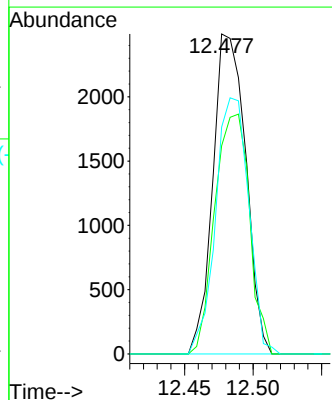
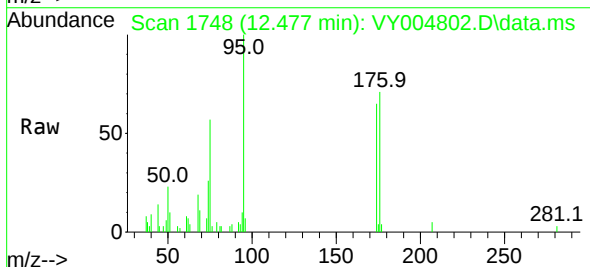
Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

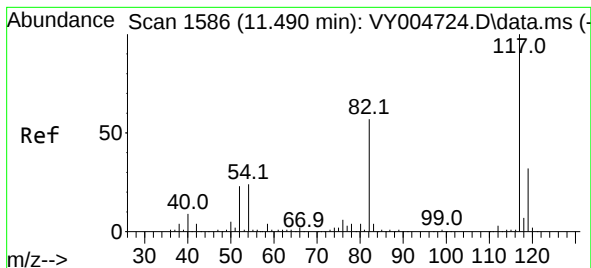
Tgt Ion: 98 Resp: 12346
Ion Ratio Lower Upper
98 100
100 60.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.34 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion: 95 Resp: 4148
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.2
176 80.7 0.0 159.0

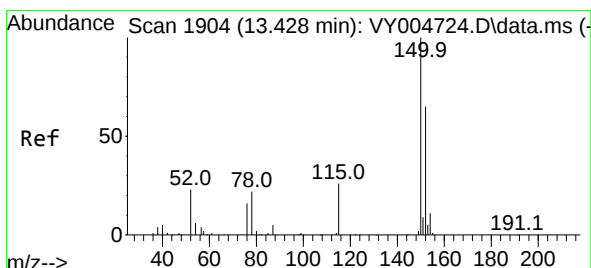
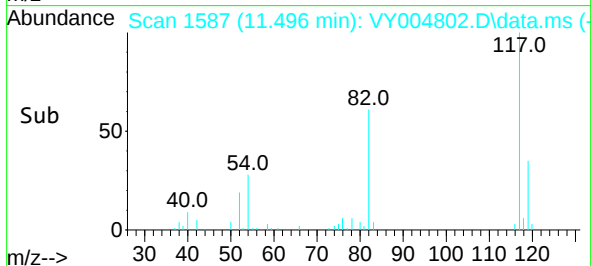
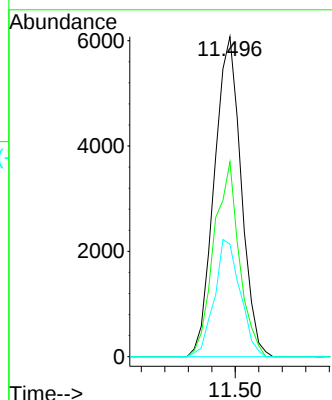
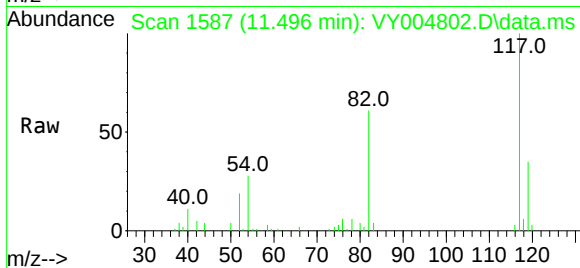




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

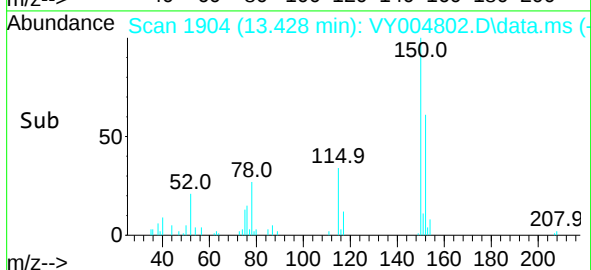
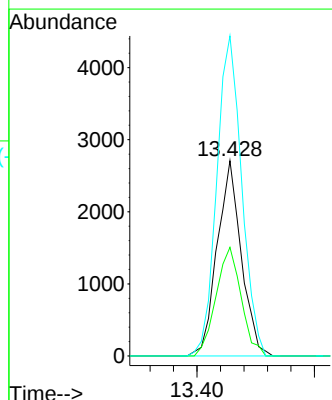
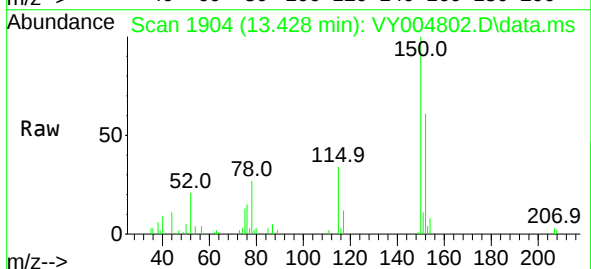
Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

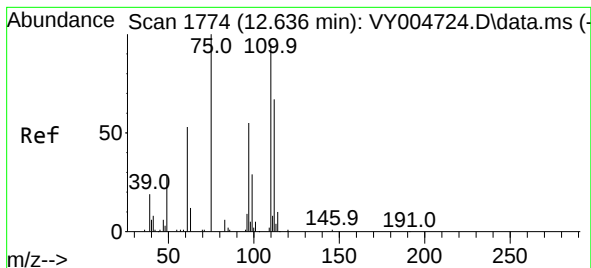
Tgt Ion:117	Resp:	9635
Ion	Ratio	Lower Upper
117	100	
82	60.9	45.4 68.2
119	35.2	25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Tgt Ion:152	Resp:	3866
Ion	Ratio	Lower Upper
152	100	
115	57.8	29.4 88.3
150	169.4	0.0 349.8

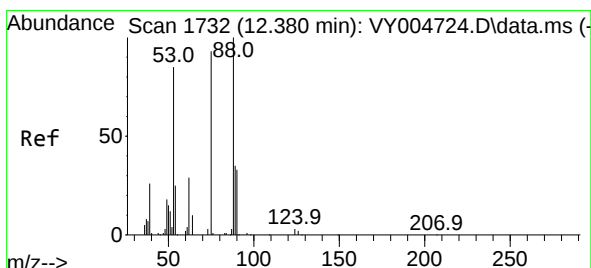
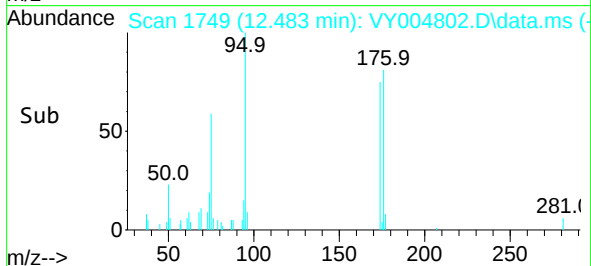
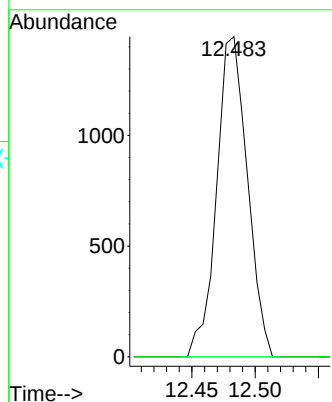
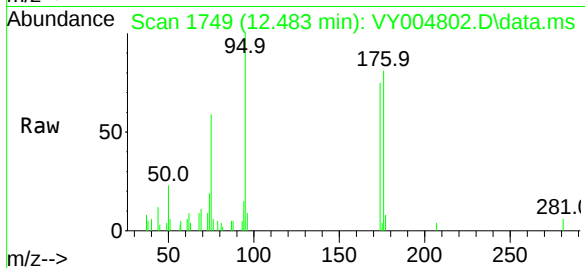




#76
1,2,3-Trichloropropane
Concen: 59.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

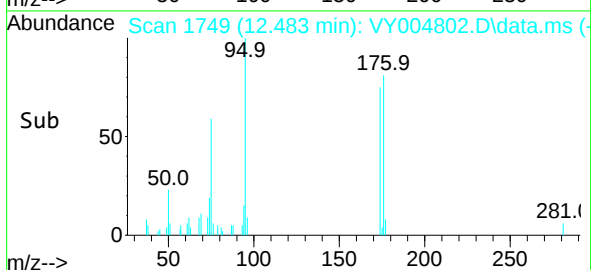
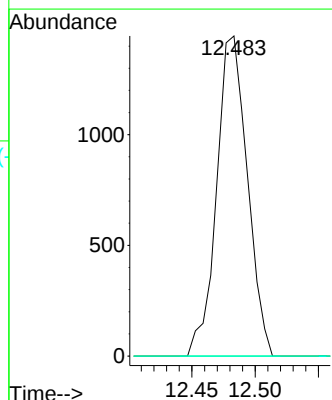
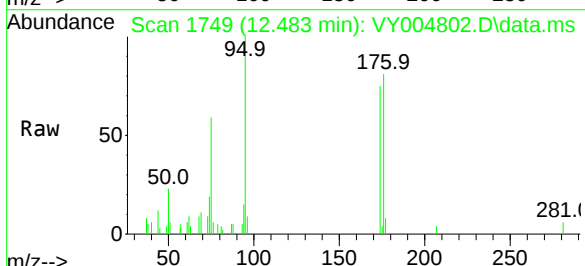
Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4

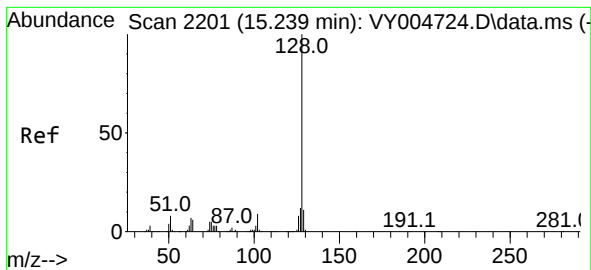
Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

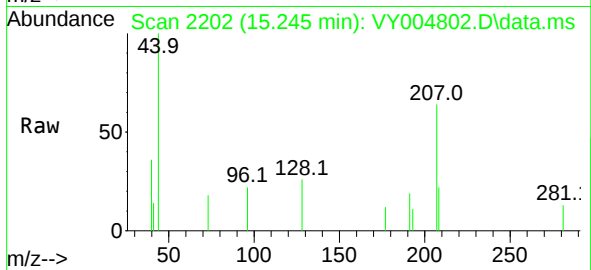
Tgt Ion: 75 Resp: 2441
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 1.23 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004802.D
Acq: 17 May 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :
CONCESSION-CP-4



Tgt Ion:	128	Resp:	195
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

