

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004912.D
 Acq On : 27 May 2021 20:17
 Operator : SY/MD
 Sample : M2536-02
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C7-C7A-D7-D7A

Quant Time: May 28 01:07:51 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)

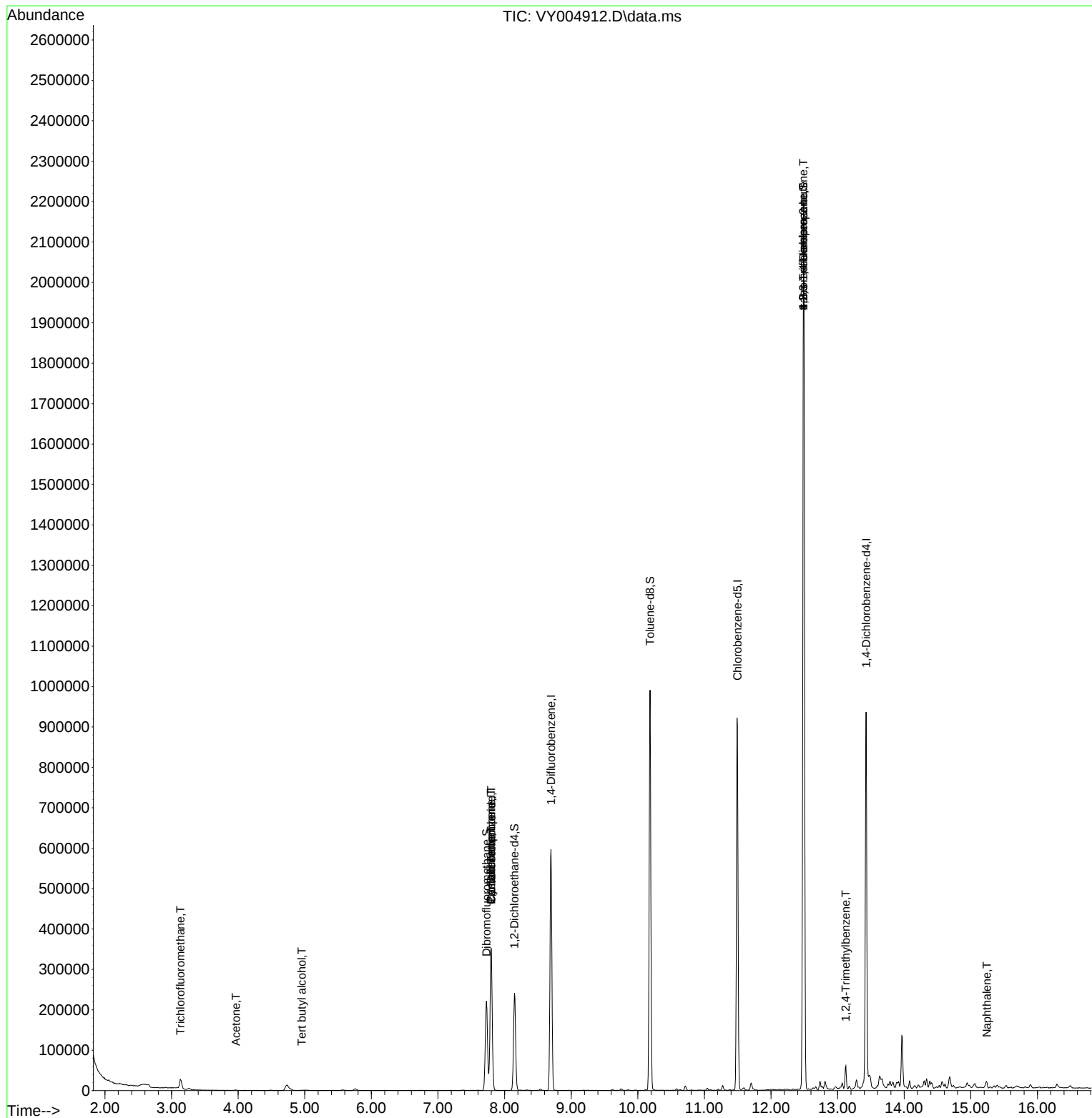
Internal Standards						
1) Pentafluorobenzene	7.801	168	272740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	498119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	496910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	226704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	184712	56.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.80%	
35) Dibromofluoromethane	7.728	113	158026	57.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.90%	
50) Toluene-d8	10.185	98	634249	51.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.98%	
62) 4-Bromofluorobenzene	12.483	95	237773	57.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.38%	
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	3.131	101	23047	4.69	ug/l	94
11) Tert butyl alcohol	4.954	59	1700	5.21	ug/l #	71
16) Acetone	3.966	43	1876	2.57	ug/l	93
20) Methylene Chloride	4.735	84	9955	Below Cal		84
31) Cyclohexane	7.795	56	6097	1.16	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	21373	4.19	ug/l #	50
38) Carbon Tetrachloride	7.801	117	27391	5.97	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	137796	57.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	137796	99.23	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	29580	2.08	ug/l	99
95) Naphthalene	15.239	128	11450	1.23	ug/l	95

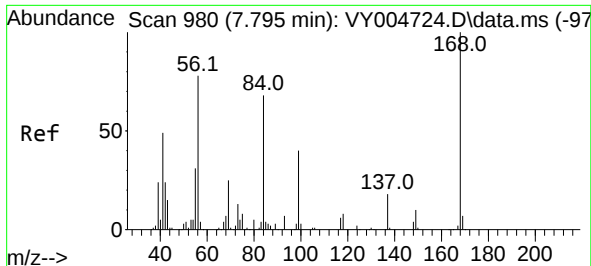
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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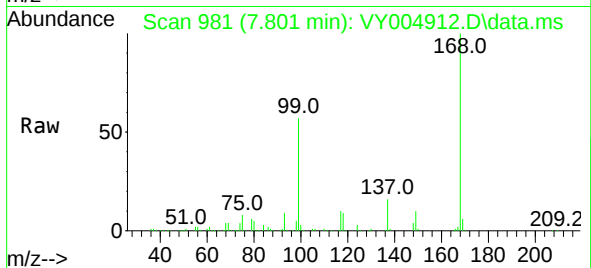
Quant Time: May 28 01:07:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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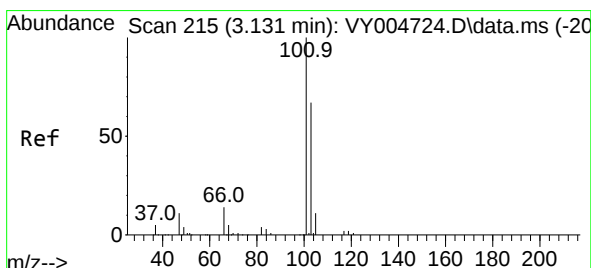
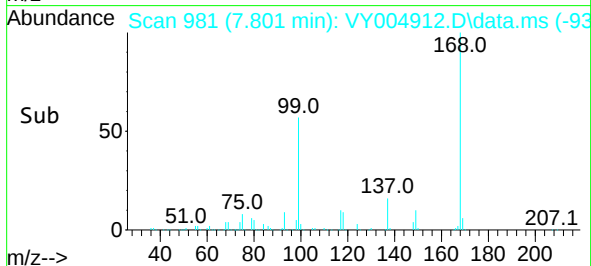
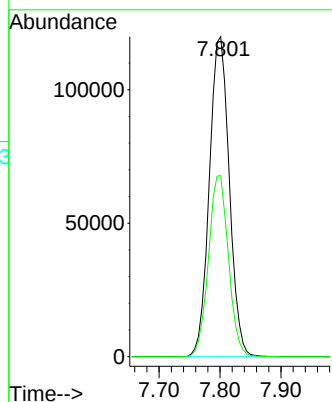


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

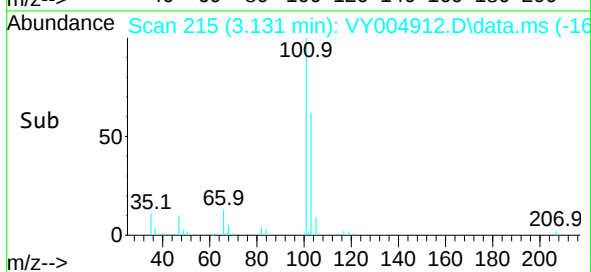
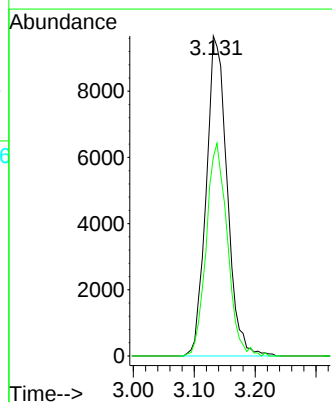
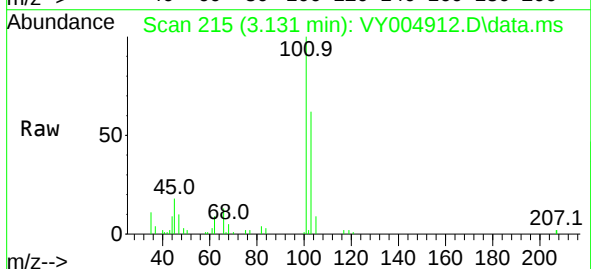


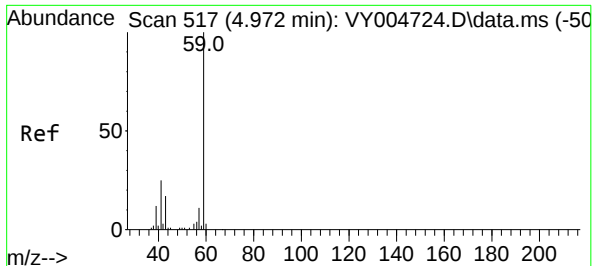
Tgt Ion:168 Resp: 272740
Ion Ratio Lower Upper
168 100
99 56.6 45.6 68.4



#7
Trichlorofluoromethane
Concen: 4.69 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion:101 Resp: 23047
Ion Ratio Lower Upper
101 100
103 62.1 53.4 80.2





#11

Tert butyl alcohol

Concen: 5.21 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY004912.D

Acq: 27 May 2021 20:17

Tgt Ion: 59 Resp: 1700

Ion Ratio Lower Upper

59 100

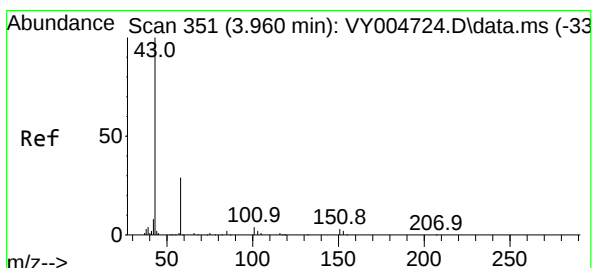
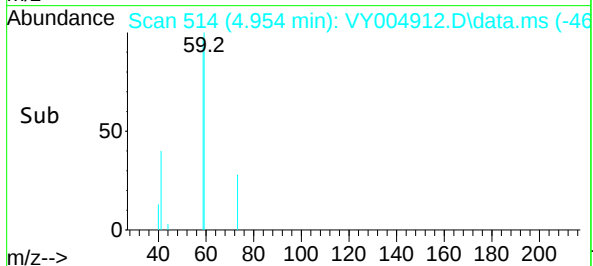
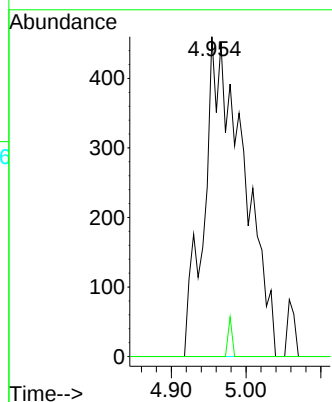
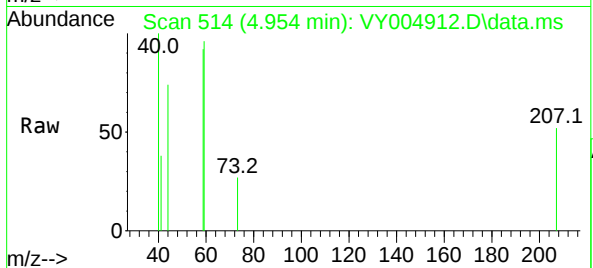
57 0.0 8.7 13.1#

Instrument :

MSVOA_Y

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#16

Acetone

Concen: 2.57 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY004912.D

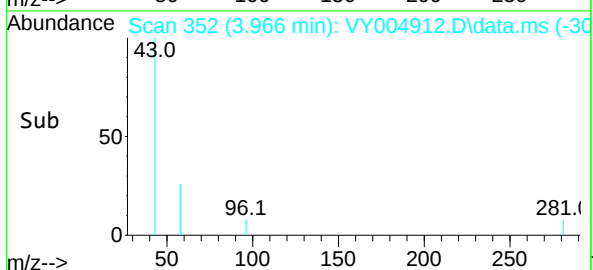
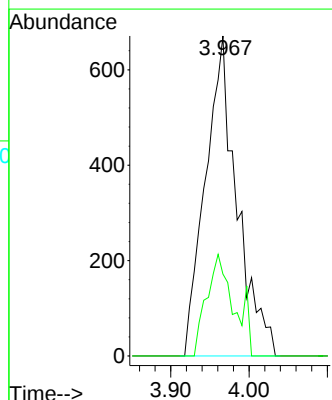
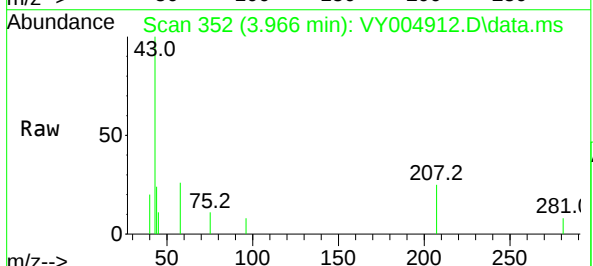
Acq: 27 May 2021 20:17

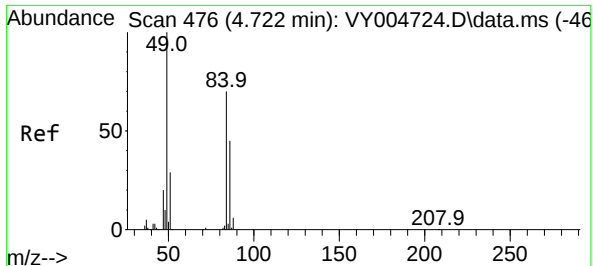
Tgt Ion: 43 Resp: 1876

Ion Ratio Lower Upper

43 100

58 25.6 23.6 35.4

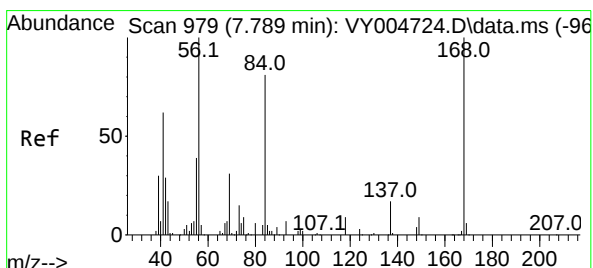
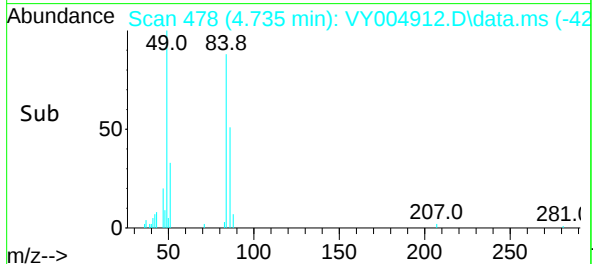
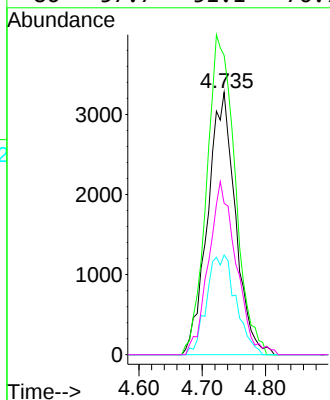
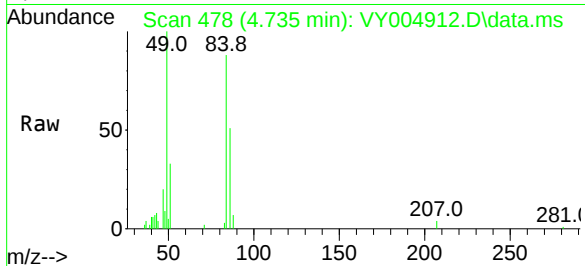




#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

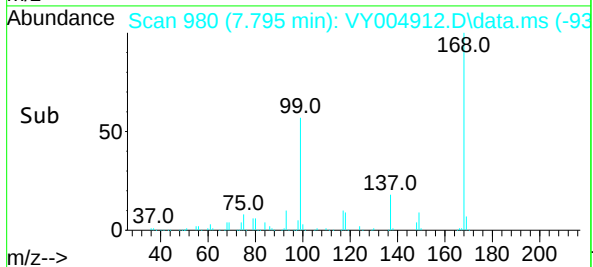
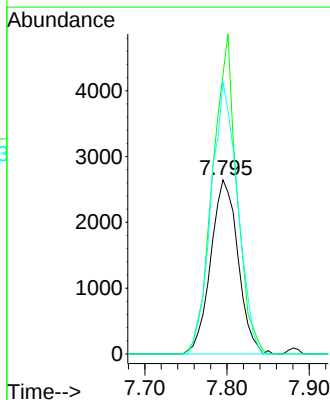
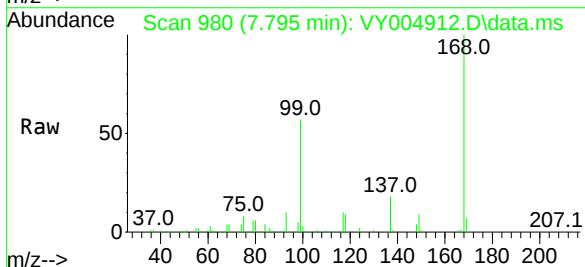
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

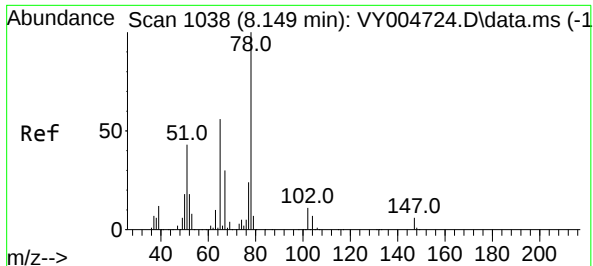
Tgt Ion:	84	Resp:	9955
Ion	Ratio	Lower	Upper
84	100		
49	114.2	113.8	170.8
51	38.0	33.5	50.3
86	57.7	51.1	76.7



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion:	56	Resp:	6097
Ion	Ratio	Lower	Upper
56	100		
69	160.4	24.4	36.6#
84	155.9	64.8	97.2#

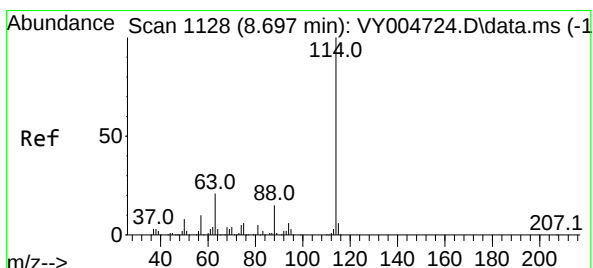
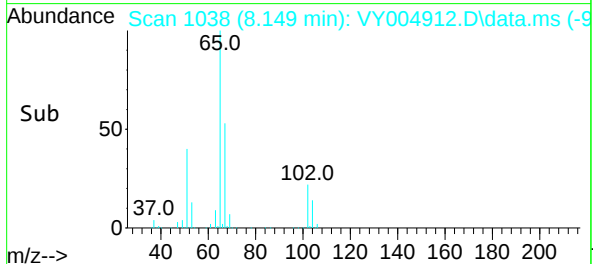
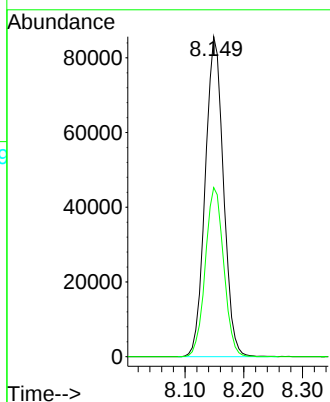
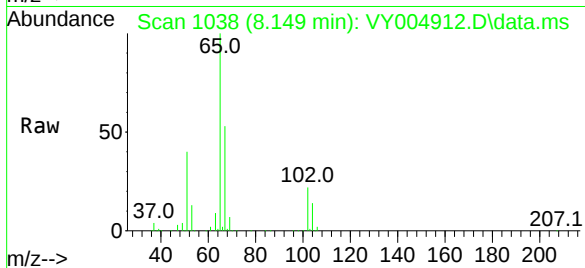




#33
1,2-Dichloroethane-d4
Concen: 56.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

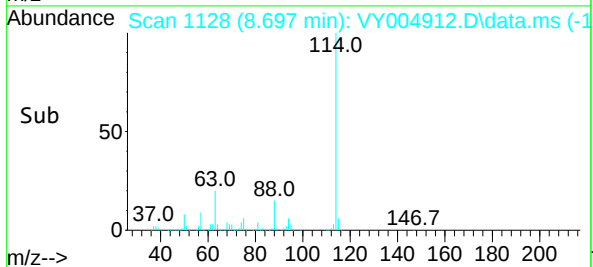
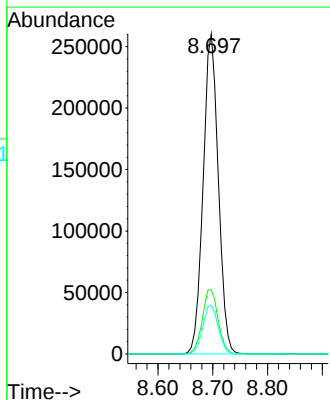
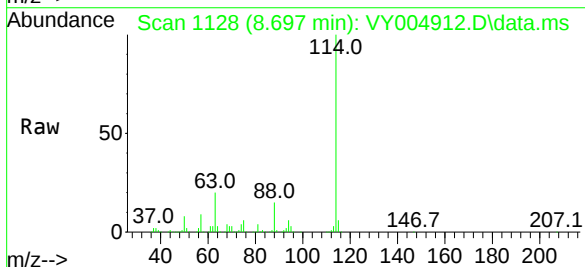
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

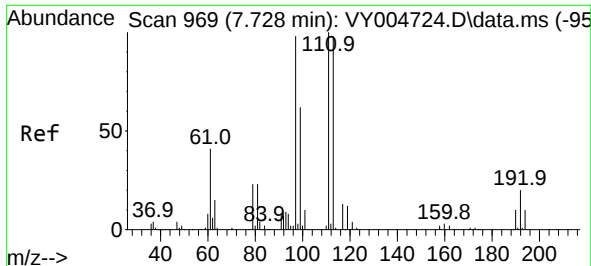
Tgt Ion: 65 Resp: 184712
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 114 Resp: 498119
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 15.3 0.0 31.0

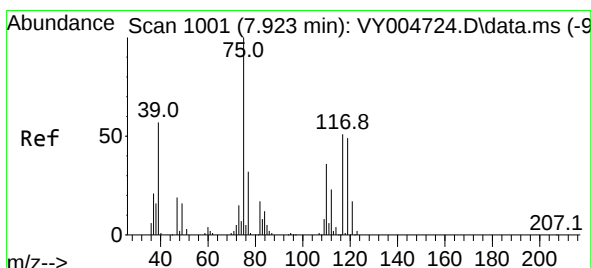
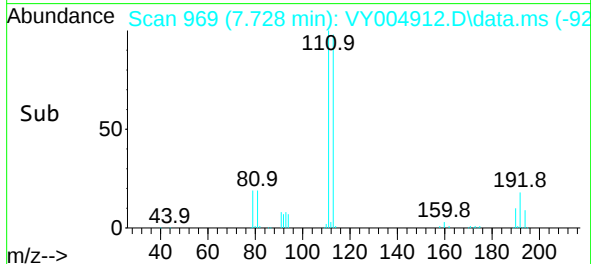
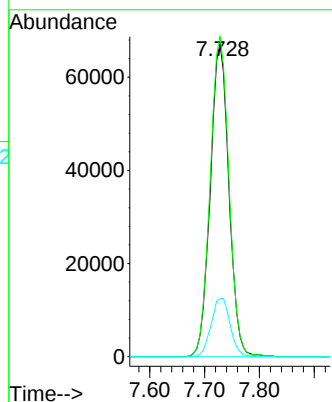
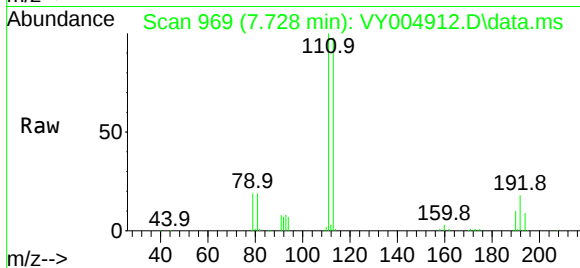




#35
Dibromofluoromethane
Concen: 57.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

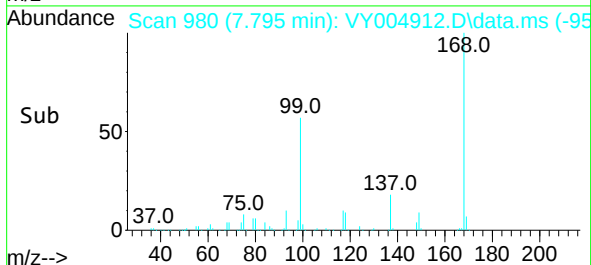
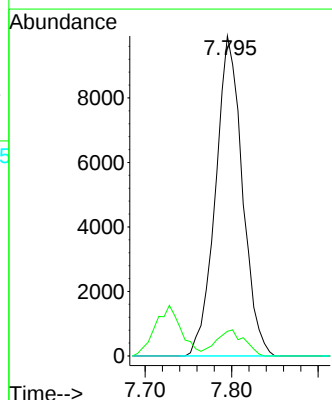
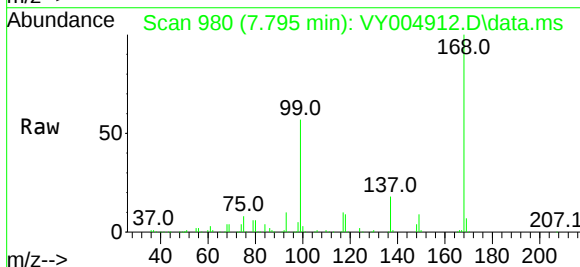
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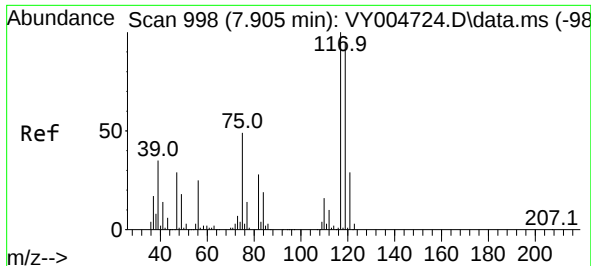
Tgt Ion:	113	Resp:	158026
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.5	120.7
192	19.1	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

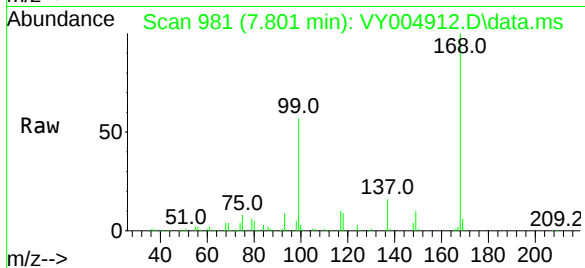
Tgt Ion:	75	Resp:	21373
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.0	25.0	37.4#



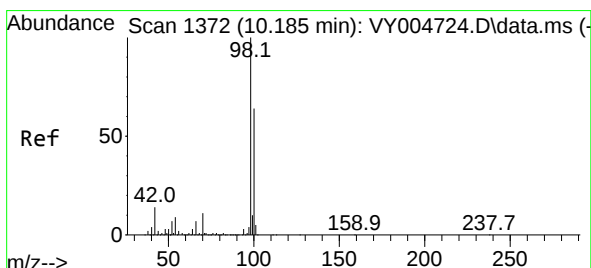
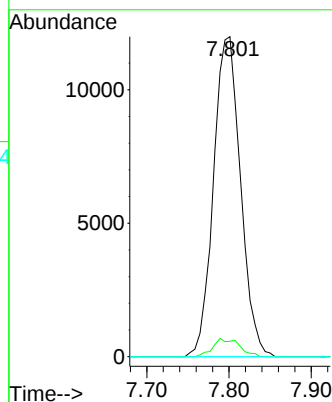
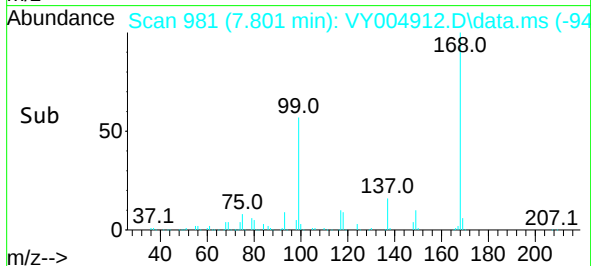


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

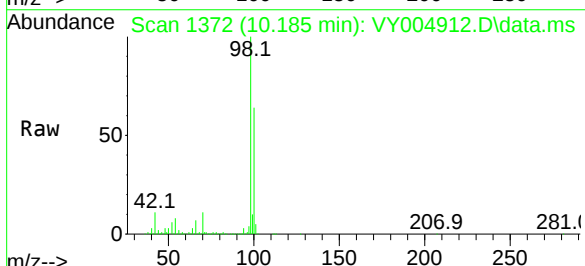
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FK-BPM-01-C7-C7A-D7-D7A



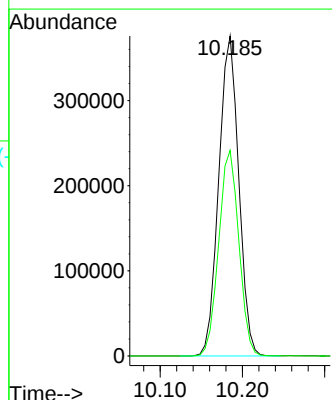
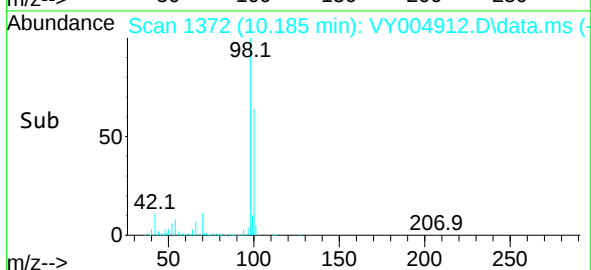
Tgt Ion:117 Resp: 27391
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 23.0 34.6#

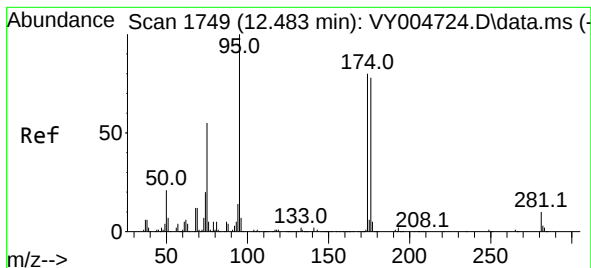


#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17



Tgt Ion: 98 Resp: 634249
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

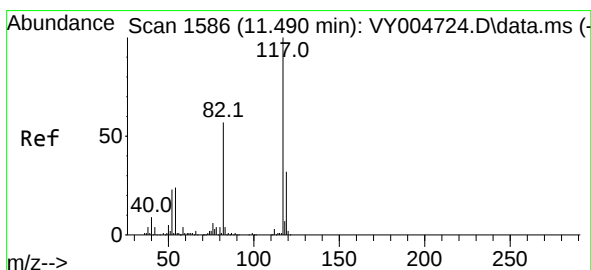
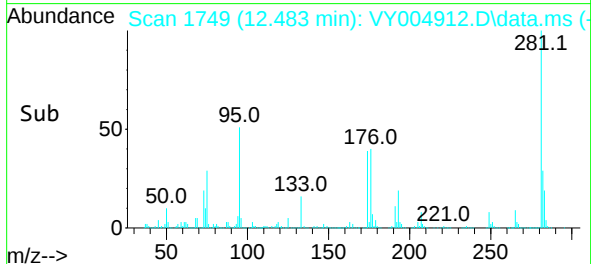
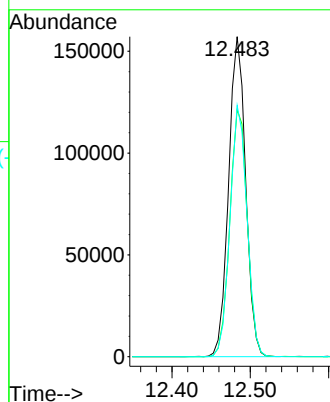
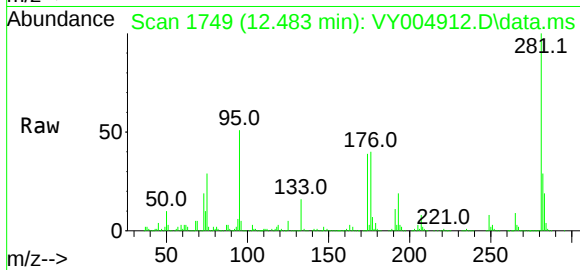




#62
4-Bromofluorobenzene
Concen: 57.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

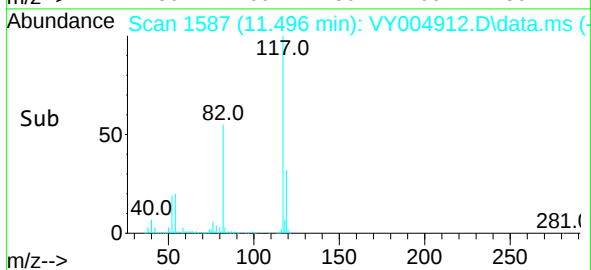
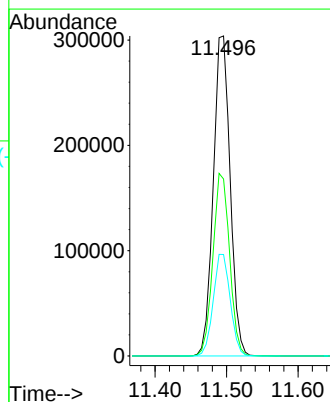
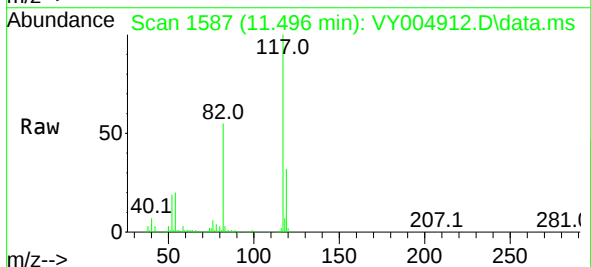
Instrument :
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FK-BPM-01-C7-C7A-D7-D7A

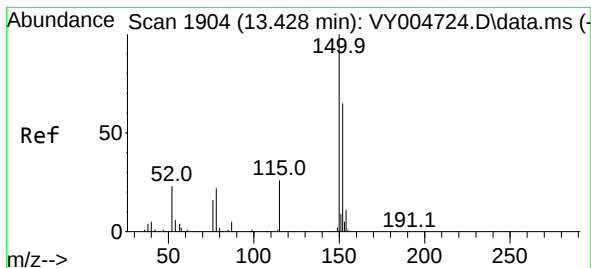
Tgt Ion: 95 Resp: 237773
Ion Ratio Lower Upper
95 100
174 78.6 0.0 164.2
176 78.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 117 Resp: 496910
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.7 25.8 38.6

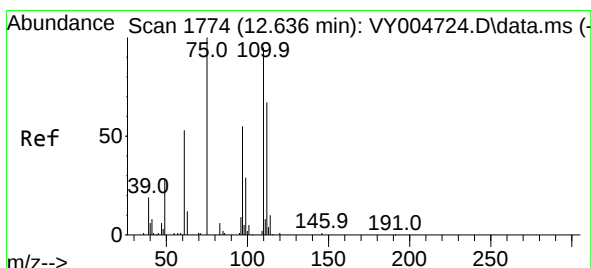
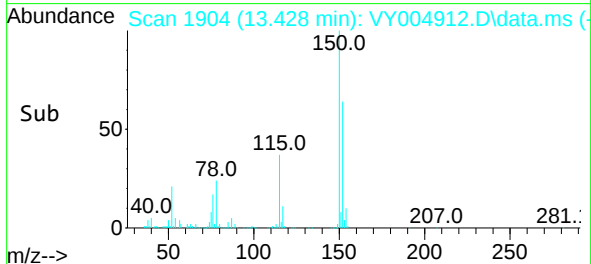
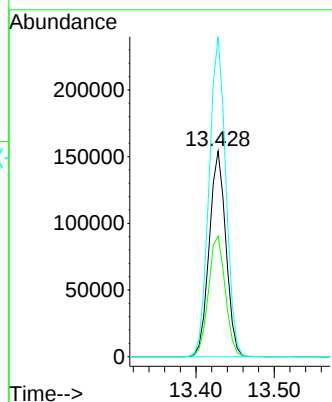
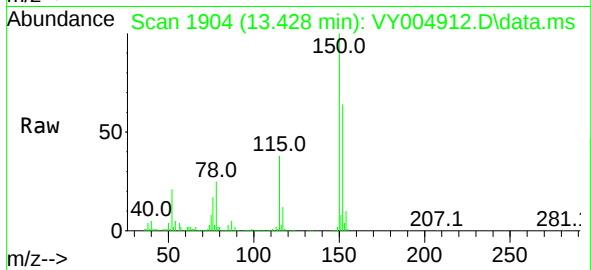




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

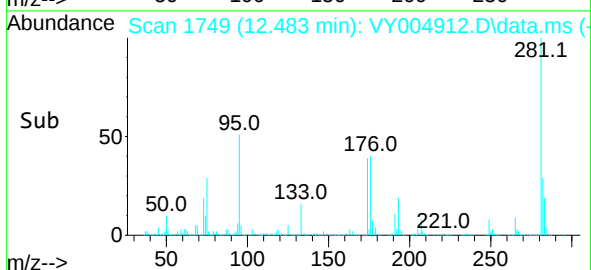
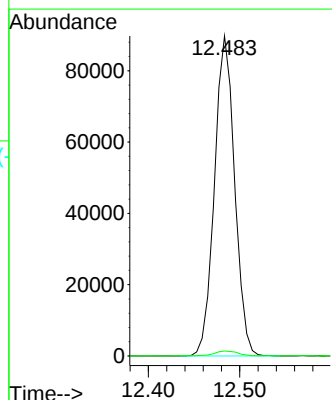
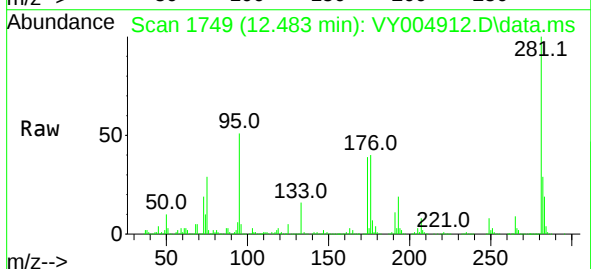
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

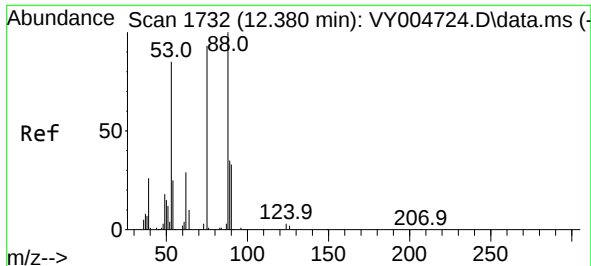
Tgt Ion:152 Resp: 226704
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 156.5 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 57.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 75 Resp: 137796
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

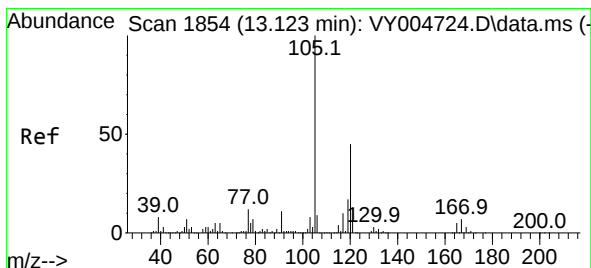
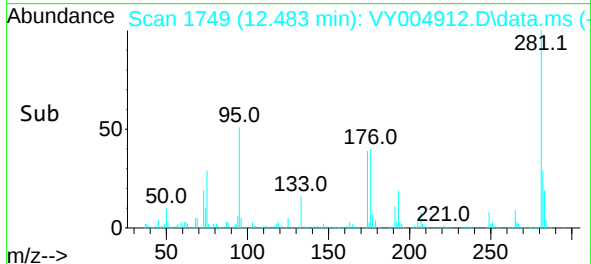
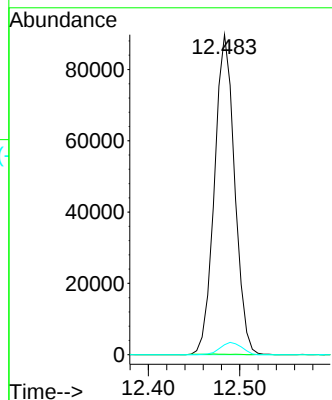
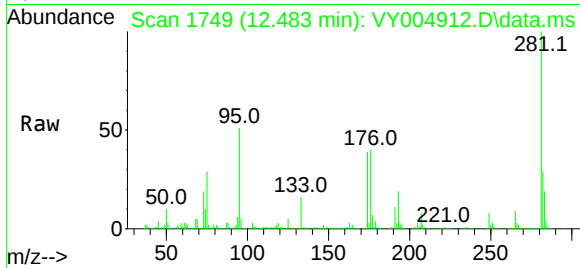




#81
trans-1,4-Dichloro-2-butene
Concen: 99.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

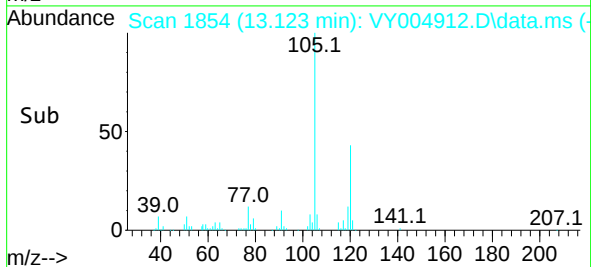
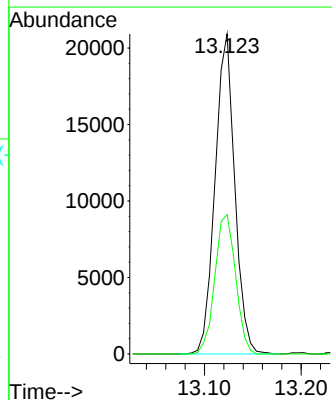
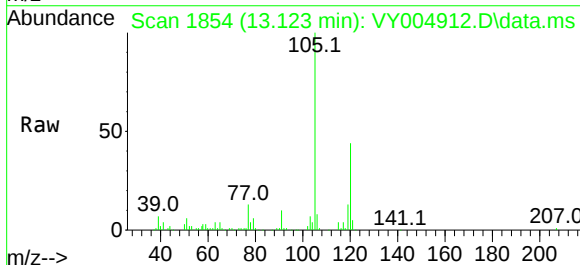
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

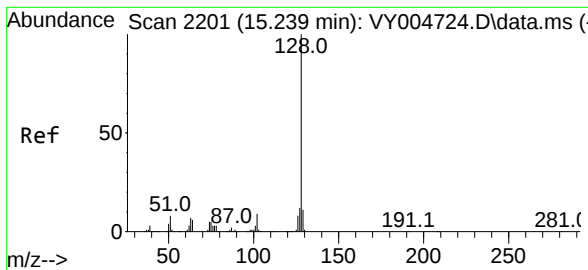
Tgt Ion: 75 Resp: 137796
Ion Ratio Lower Upper
75 100
53 0.3 73.9 110.9#
89 4.1 35.5 53.3#



#84
1,2,4-Trimethylbenzene
Concen: 2.08 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 105 Resp: 29580
Ion Ratio Lower Upper
105 100
120 45.9 22.5 67.5





#95
Naphthalene
Concen: 1.23 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	12.8	8.6	13.0

