

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004913.D
 Acq On : 27 May 2021 20:40
 Operator : SY/MD
 Sample : M2538-02
 Misc : 6.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-022-ABCD

Quant Time: May 28 01:08:06 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)

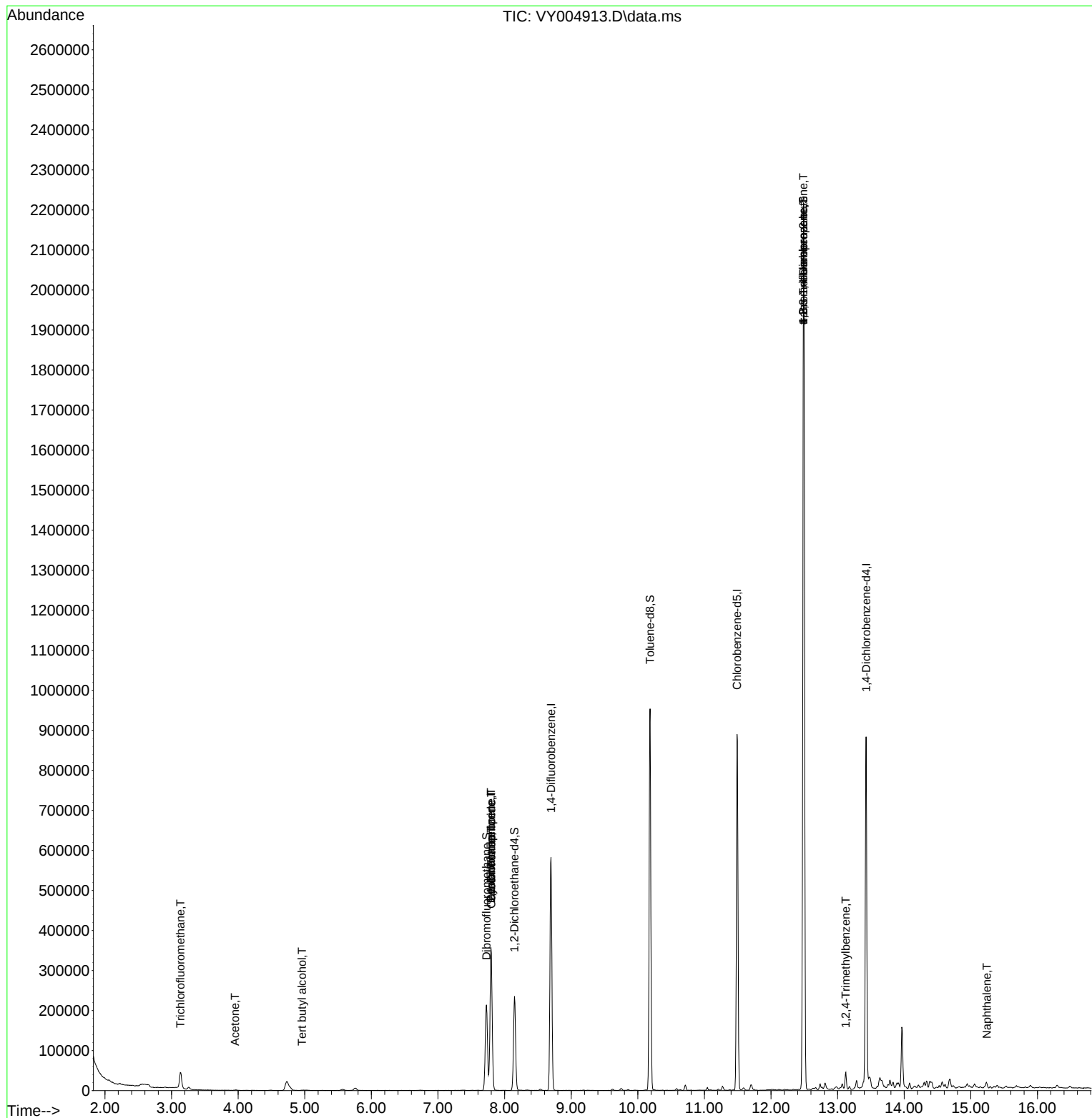
Internal Standards						
1) Pentafluorobenzene	7.795	168	269120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	495639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	483269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	180742	56.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.84%			
35) Dibromofluoromethane	7.728	113	154343	56.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.76%			
50) Toluene-d8	10.185	98	615977	50.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.50%			
62) 4-Bromofluorobenzene	12.483	95	225896	54.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.20%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.131	101	42897	8.84	ug/l	95
11) Tert butyl alcohol	4.960	59	1020	3.17	ug/l #	71
16) Acetone	3.954	43	2103	2.92	ug/l	92
20) Methylene Chloride	4.734	84	16177	Below Cal		87
31) Cyclohexane	7.795	56	5983	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	21718	4.28	ug/l #	50
38) Carbon Tetrachloride	7.801	117	27790	6.09	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	131799	57.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	131799	99.91	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	21714	1.61	ug/l	99
95) Naphthalene	15.239	128	9342	1.06	ug/l	97

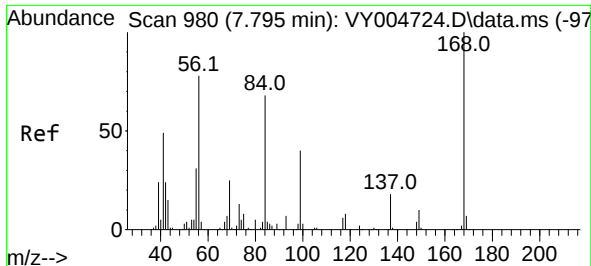
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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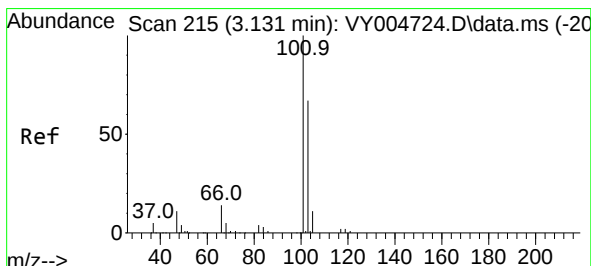
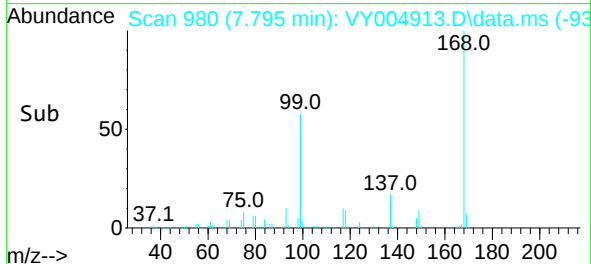
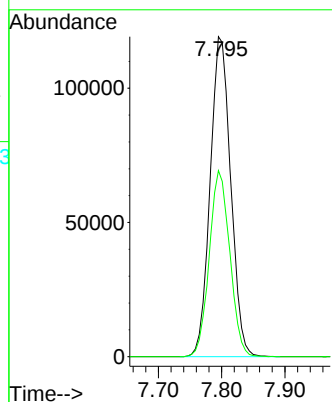
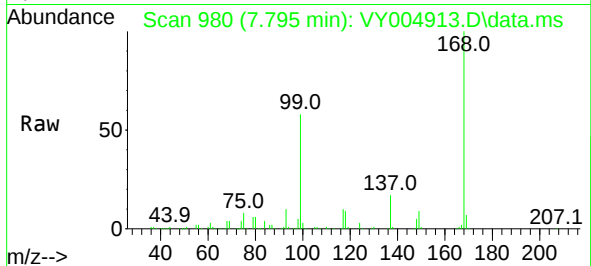




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

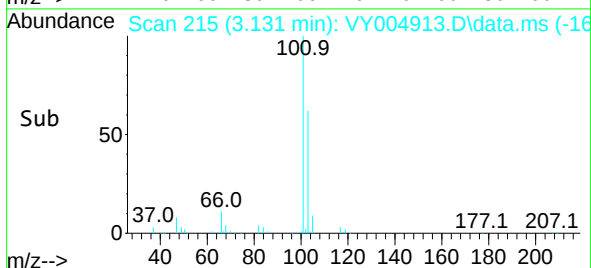
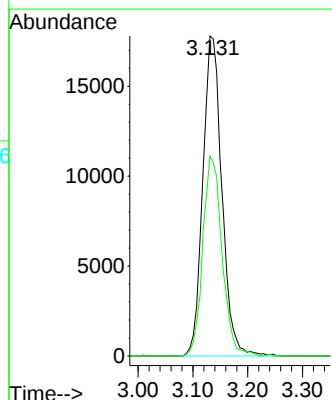
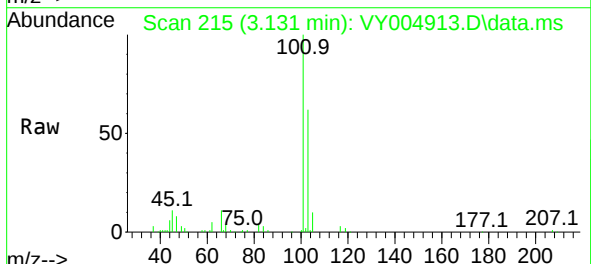
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

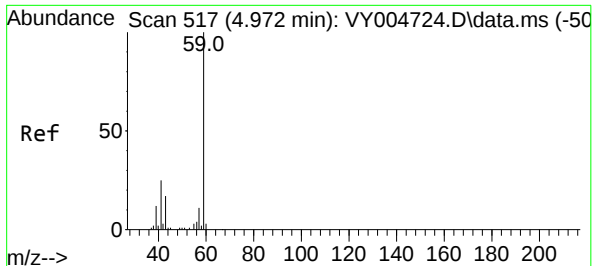
Tgt Ion:168 Resp: 269120
Ion Ratio Lower Upper
168 100
99 58.1 45.6 68.4



#7
Trichlorofluoromethane
Concen: 8.84 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Tgt Ion:101 Resp: 42897
Ion Ratio Lower Upper
101 100
103 62.5 53.4 80.2



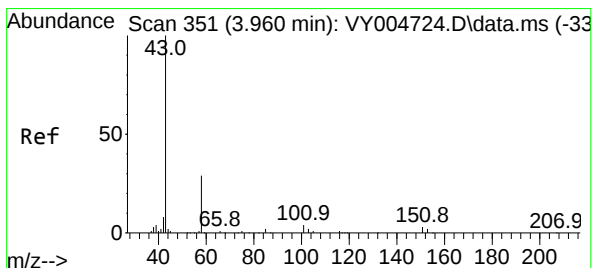
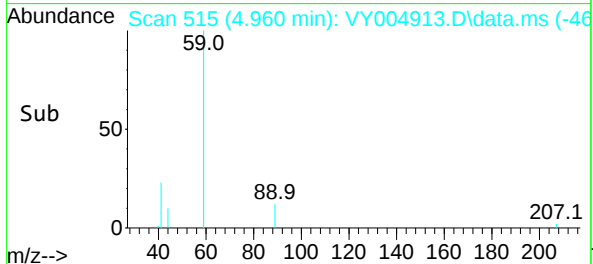
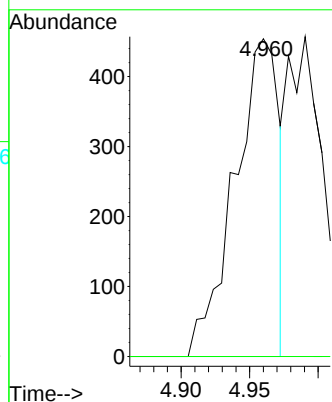
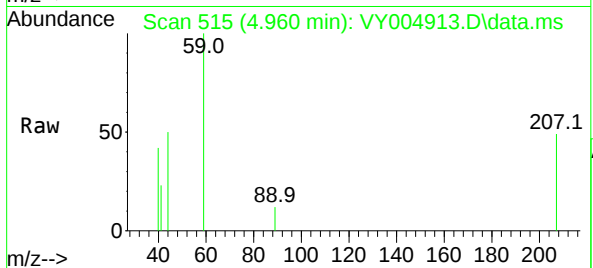


#11

Tert butyl alcohol
Concen: 3.17 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

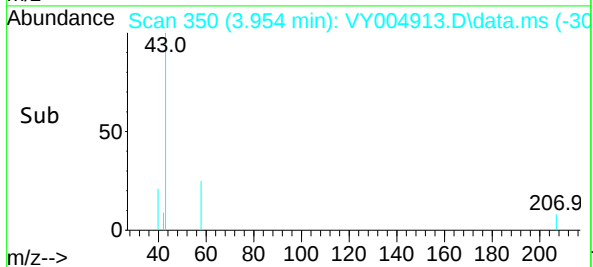
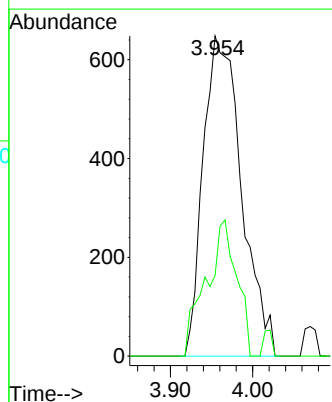
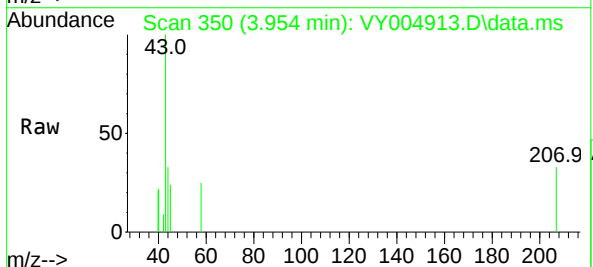
Tgt Ion: 59 Resp: 1020
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

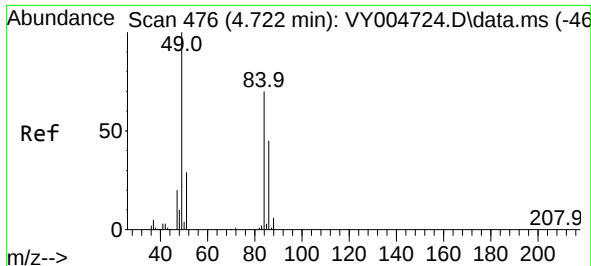


#16

Acetone
Concen: 2.92 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

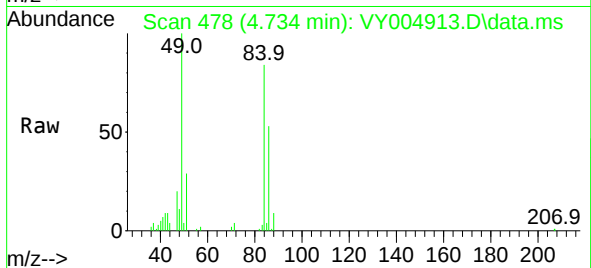
Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 25.2 23.6 35.4



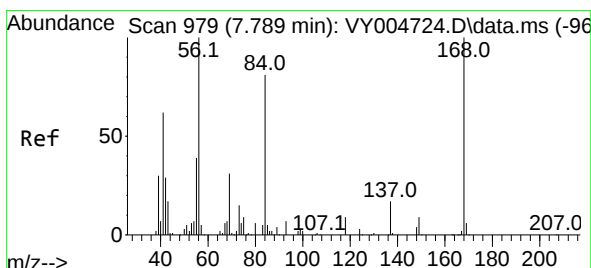
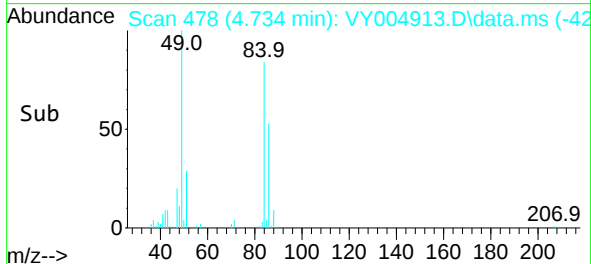
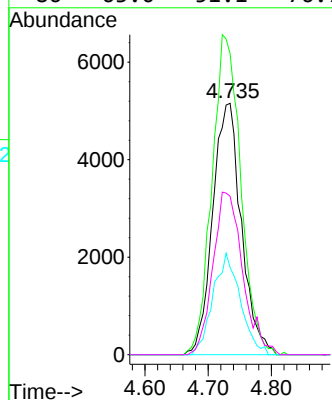


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

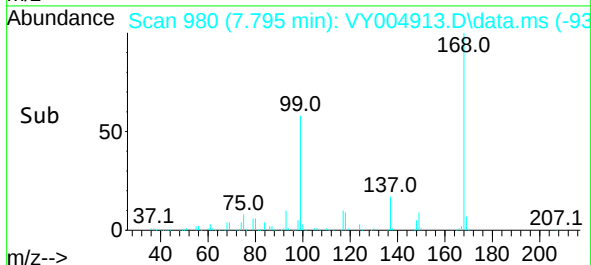
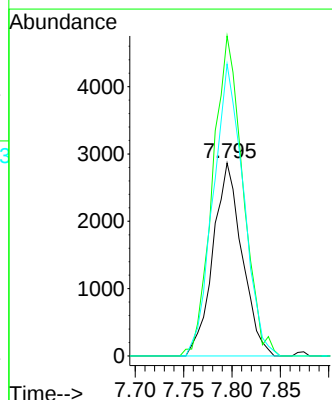
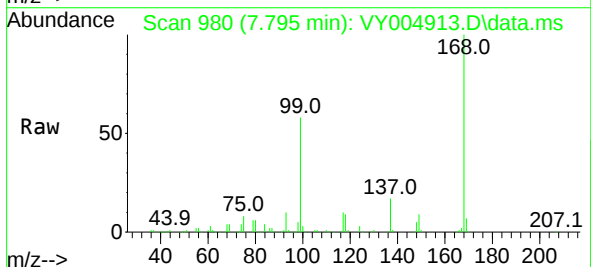


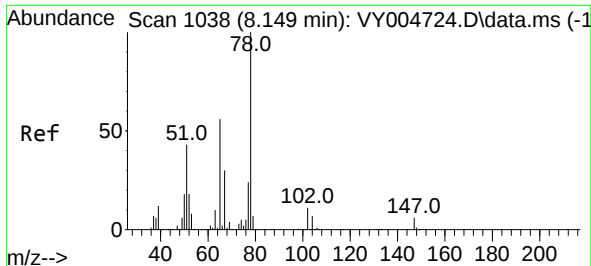
Tgt Ion: 84 Resp: 16177
Ion Ratio Lower Upper
84 100
49 119.7 113.8 170.8
51 34.6 33.5 50.3
86 63.0 51.1 76.7



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Tgt Ion: 56 Resp: 5983
Ion Ratio Lower Upper
56 100
69 165.8 24.4 36.6#
84 151.2 64.8 97.2#





#33

1,2-Dichloroethane-d4

Concen: 56.42 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY004913.D

Acq: 27 May 2021 20:40

Tgt Ion: 65 Resp: 180742

Ion Ratio Lower Upper

65 100

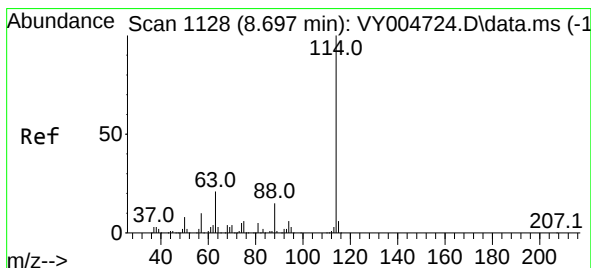
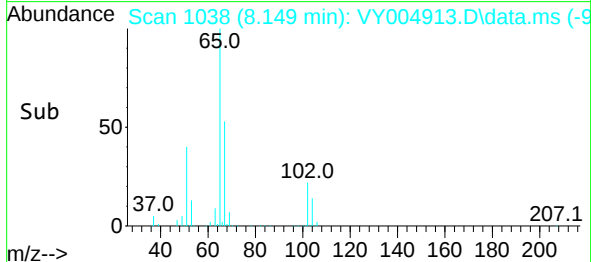
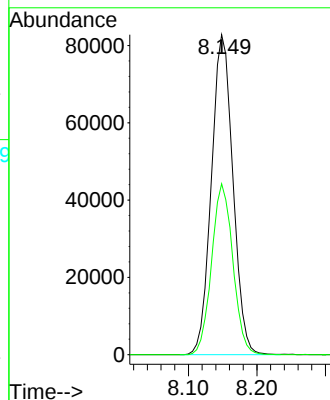
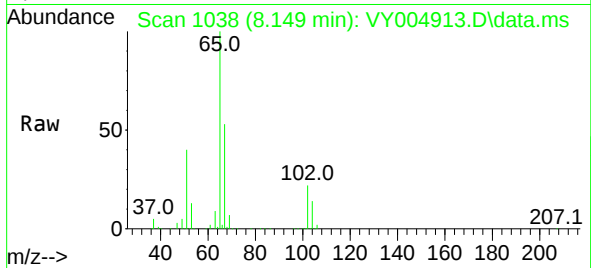
67 52.6 0.0 108.0

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-022-ABCD



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004913.D

Acq: 27 May 2021 20:40

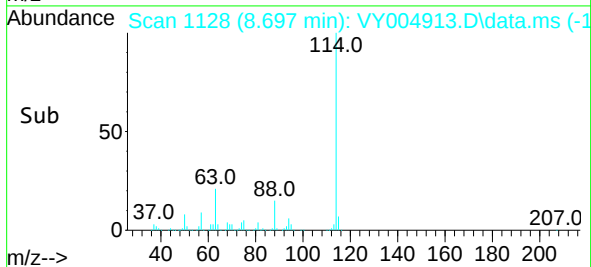
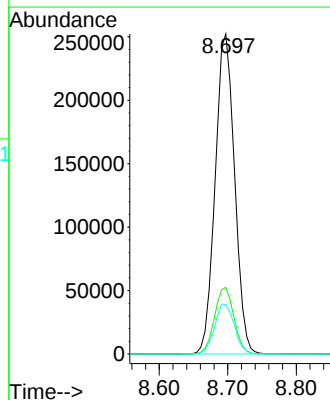
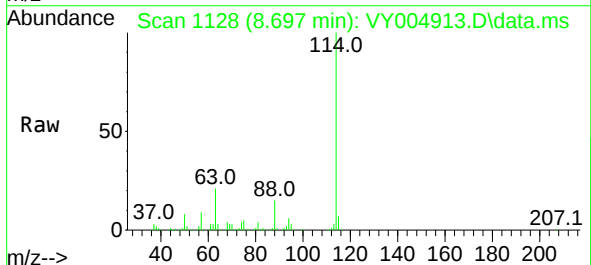
Tgt Ion: 114 Resp: 495639

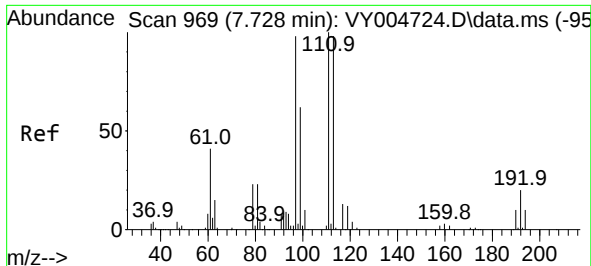
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 15.4 0.0 31.0

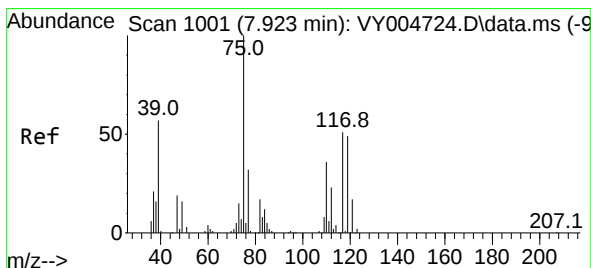
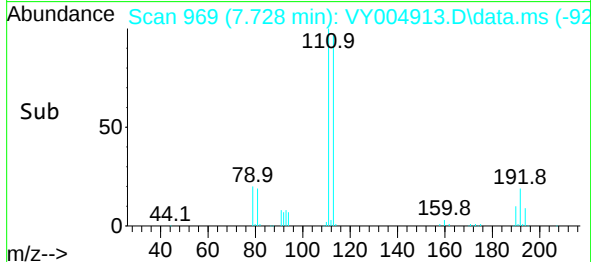
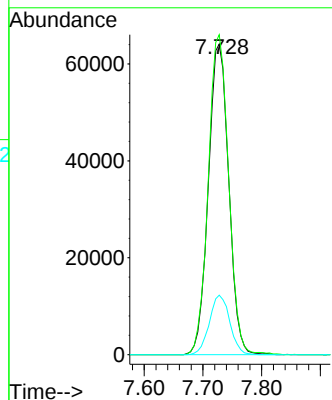
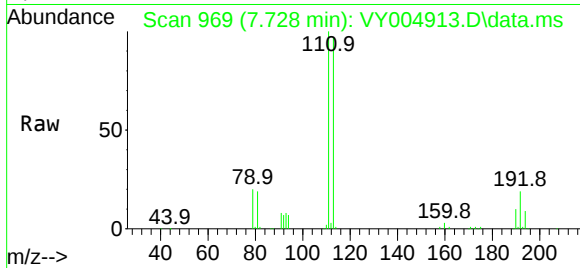




#35
Dibromofluoromethane
Concen: 56.88 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

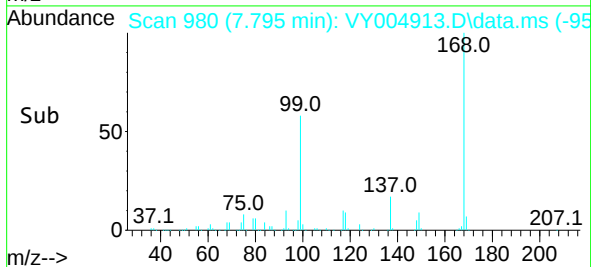
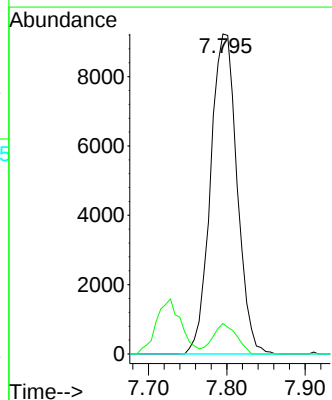
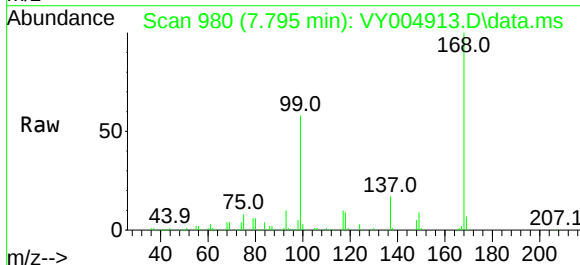
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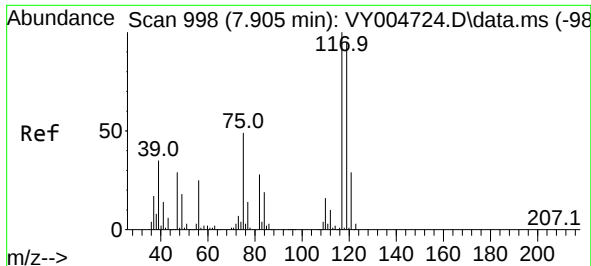
Tgt Ion:	113	Resp:	154343
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	19.2	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

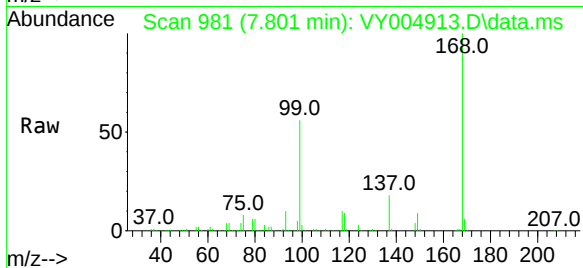
Tgt Ion:	75	Resp:	21718
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.0	25.0	37.4#



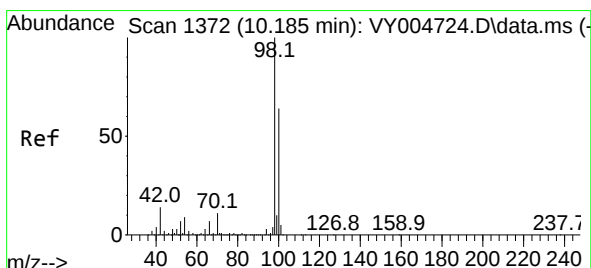
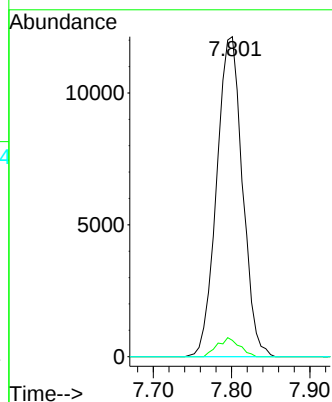
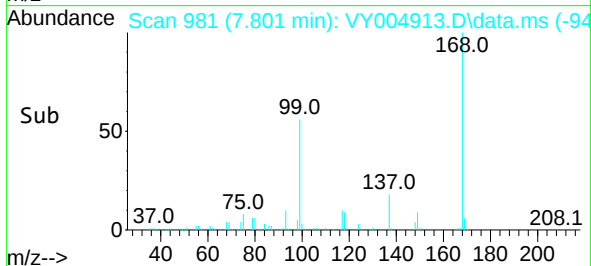


#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

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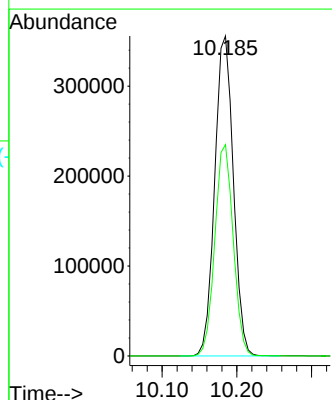
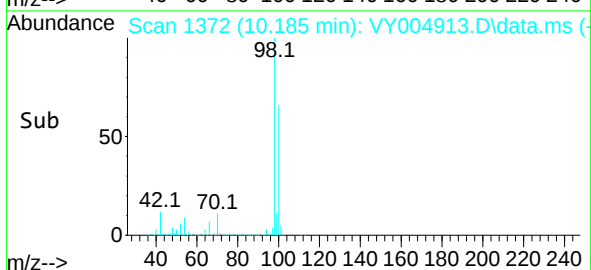
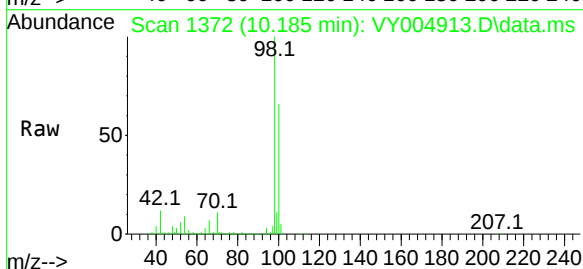


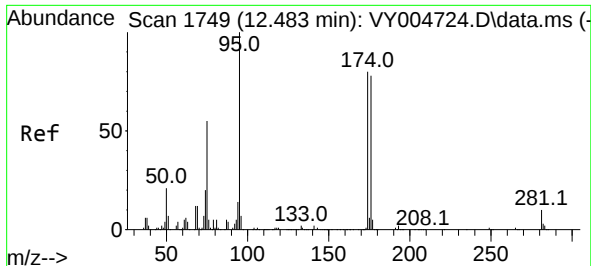
Tgt Ion:117 Resp: 27790
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Tgt Ion: 98 Resp: 615977
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

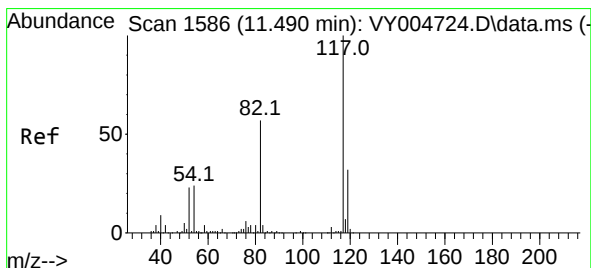
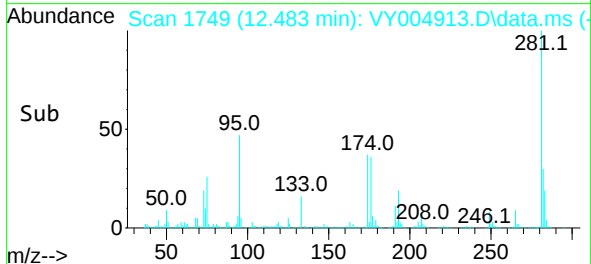
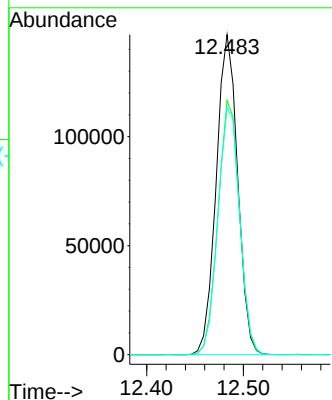
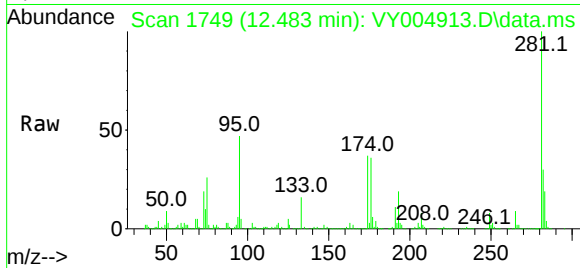




#62
4-Bromofluorobenzene
Concen: 54.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

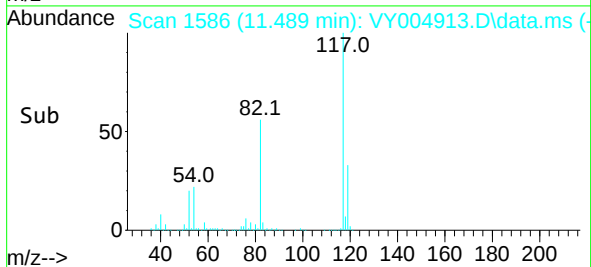
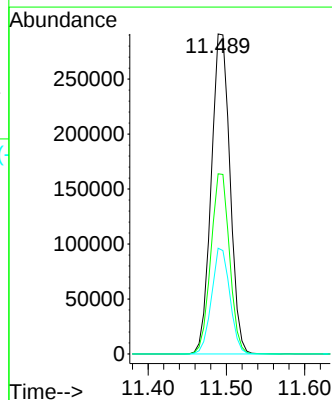
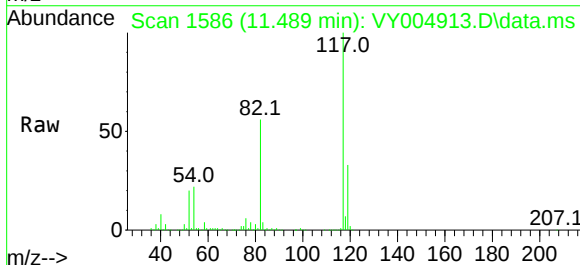
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

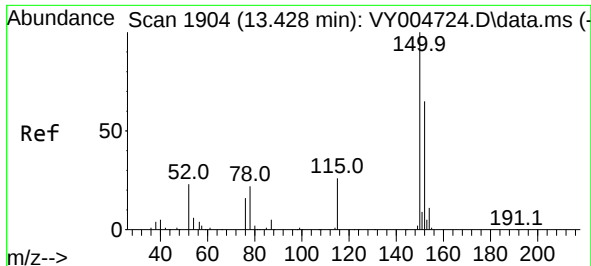
Tgt Ion: 95 Resp: 225896
Ion Ratio Lower Upper
95 100
174 79.5 0.0 164.2
176 78.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Tgt Ion:117 Resp: 483269
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 33.1 25.8 38.6

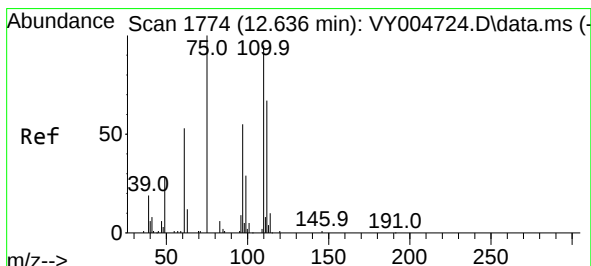
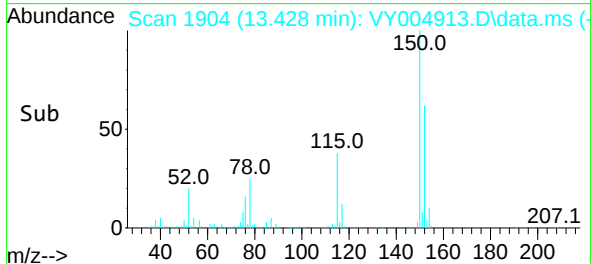
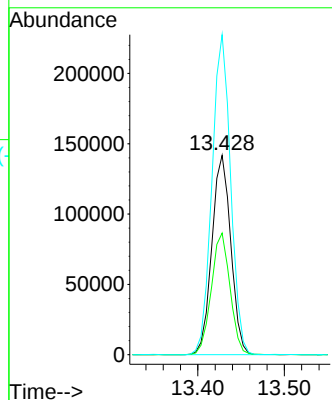
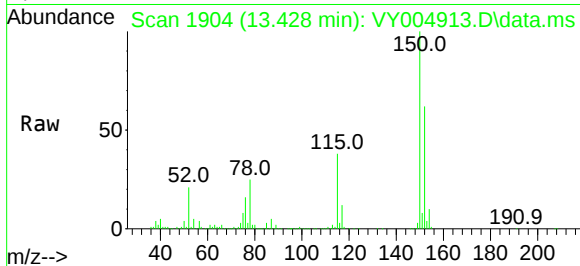




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004913.D
 Acq: 27 May 2021 20:40

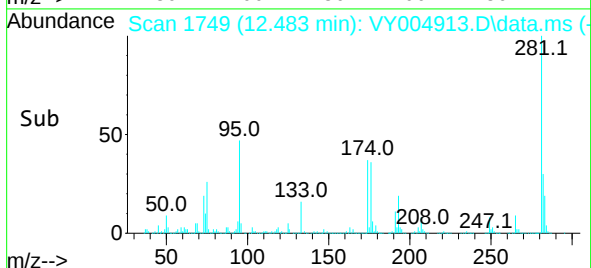
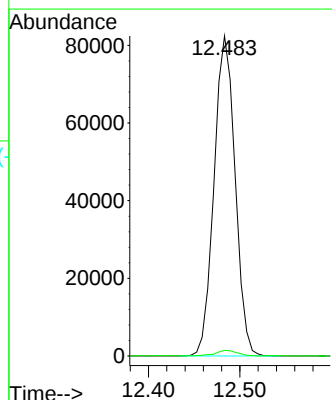
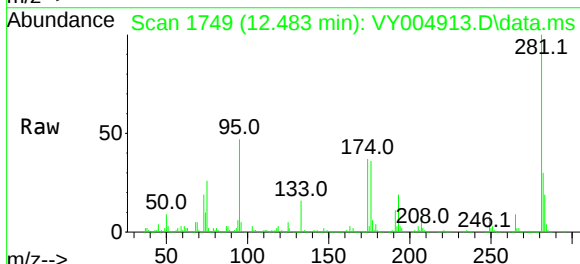
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-022-ABCD

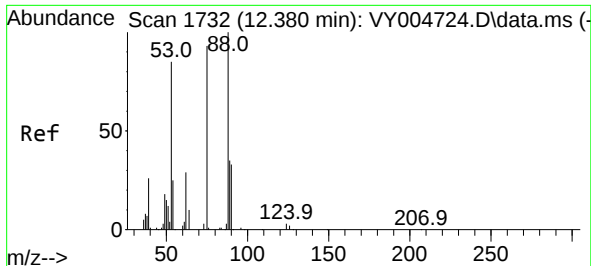
Tgt Ion:152 Resp: 215352
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.4 88.3
 150 158.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 57.62 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004913.D
 Acq: 27 May 2021 20:40

Tgt Ion: 75 Resp: 131799
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

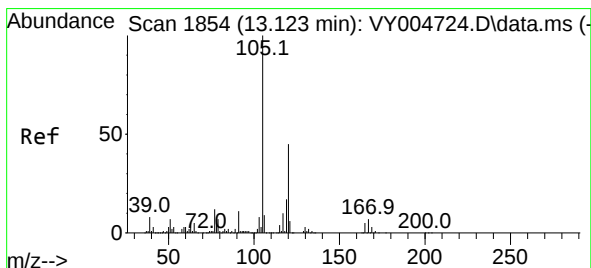
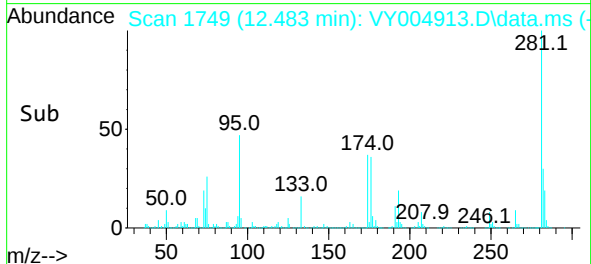
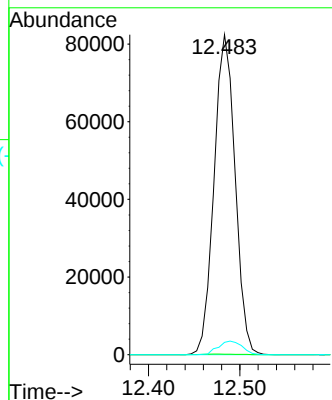
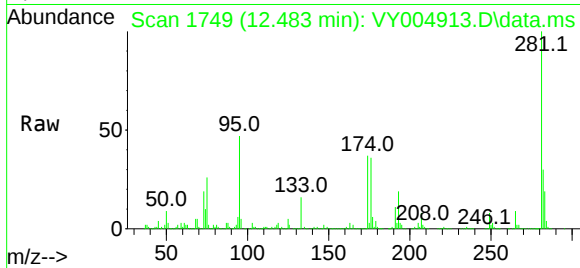




#81
trans-1,4-Dichloro-2-butene
Concen: 99.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

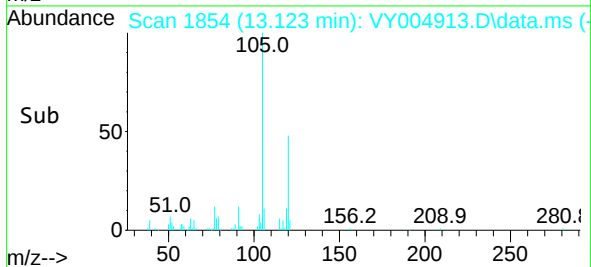
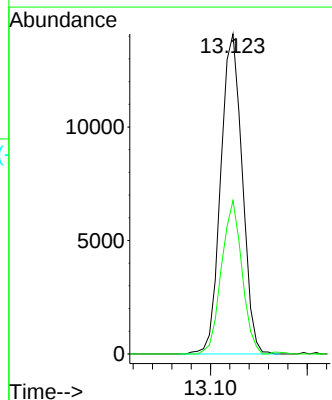
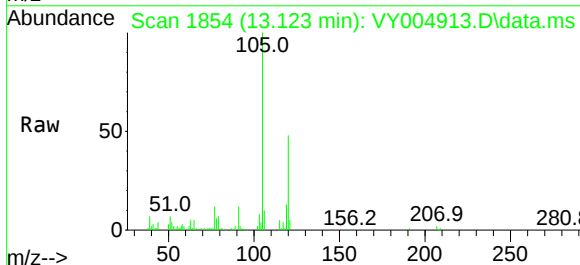
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

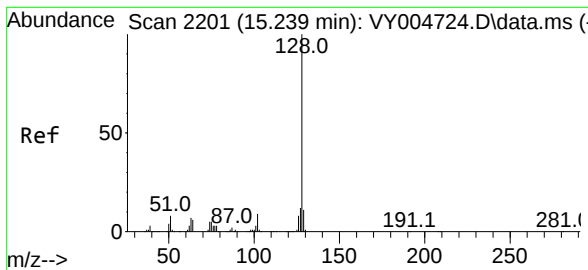
Tgt Ion: 75 Resp: 131799
Ion Ratio Lower Upper
75 100
53 0.3 73.9 110.9#
89 4.8 35.5 53.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.61 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Tgt Ion: 105 Resp: 21714
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5





#95
Naphthalene
Concen: 1.06 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004913.D
Acq: 27 May 2021 20:40

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-022-ABCD

Tgt Ion:	128	Resp:	9342
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	11.8	8.6	13.0

