

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004914.D
 Acq On : 27 May 2021 21:03
 Operator : SY/MD
 Sample : M2542-02
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-074

Quant Time: May 28 01:08:21 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)

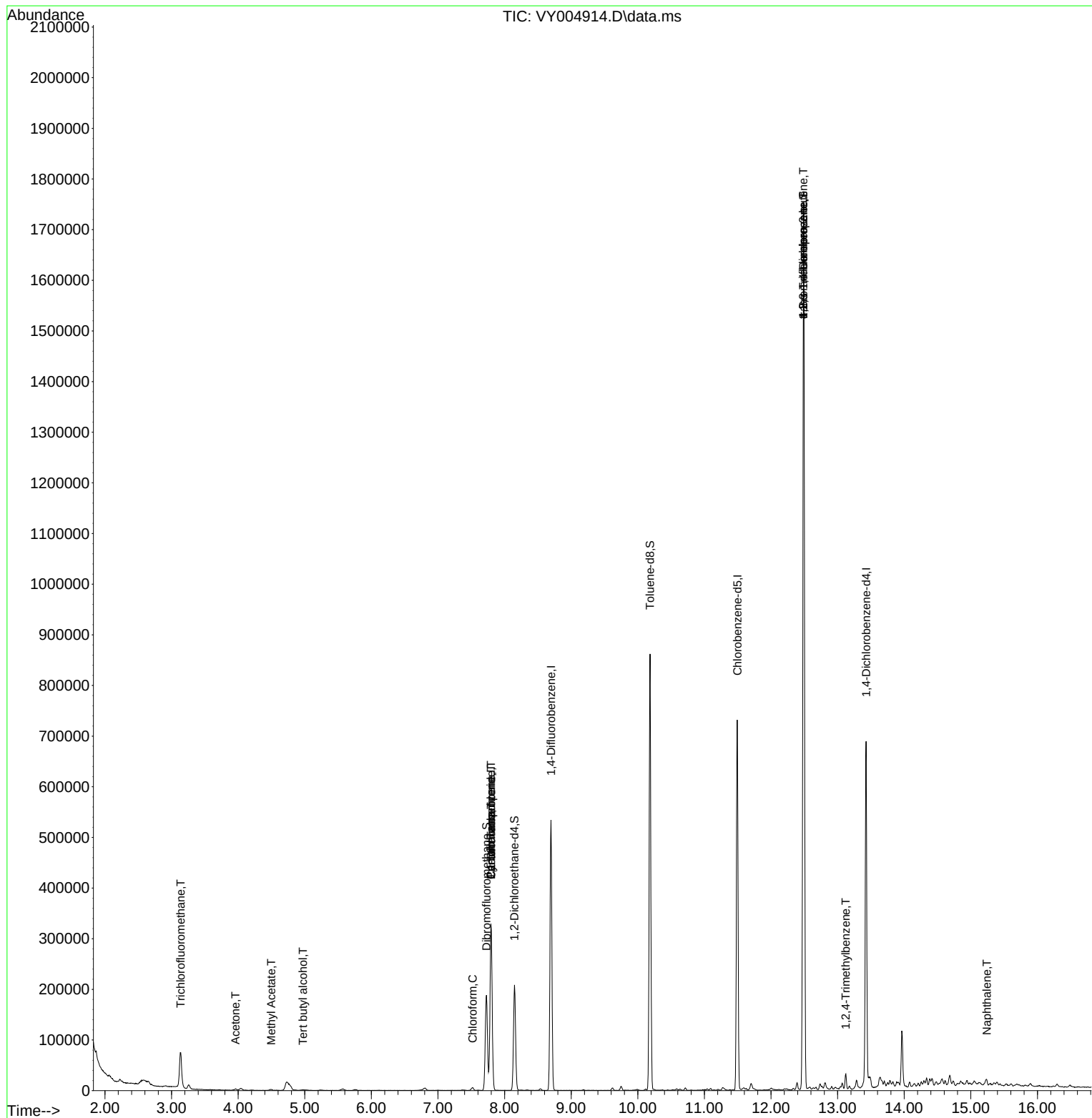
Internal Standards						
1) Pentafluorobenzene	7.795	168	249168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	445489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	398585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	158901	53.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.16%	
35) Dibromofluoromethane	7.728	113	135436	55.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.06%	
50) Toluene-d8	10.185	98	540237	49.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.08%	
62) 4-Bromofluorobenzene	12.483	95	181603	48.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.68%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.137	101	73237	16.31	ug/l	100
11) Tert butyl alcohol	4.972	59	2792	9.37	ug/l #	84
16) Acetone	3.960	43	4595	6.90	ug/l #	82
18) Methyl Acetate	4.497	43	3714	1.75	ug/l	98
20) Methylene Chloride	4.735	84	11171	Below	Cal	86
30) Chloroform	7.521	83	5382	1.05	ug/l	98
31) Cyclohexane	7.795	56	5642	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	20644	4.52	ug/l #	50
38) Carbon Tetrachloride	7.795	117	24197	5.90	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	106020	58.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106020	102.04	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	16123	1.52	ug/l	100
95) Naphthalene	15.239	128	7707	1.11	ug/l #	93

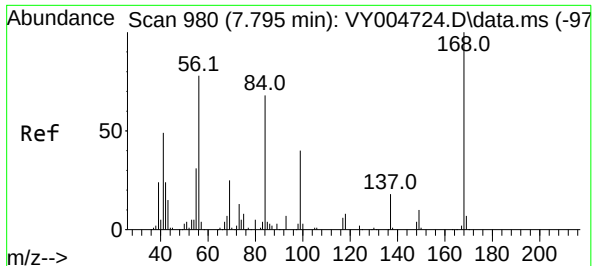
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004914.D
Acq On : 27 May 2021 21:03
Operator : SY/MD
Sample : M2542-02
Misc : 6.46G/5ML/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

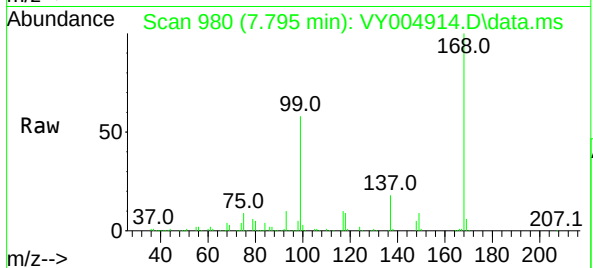
Quant Time: May 28 01:08:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



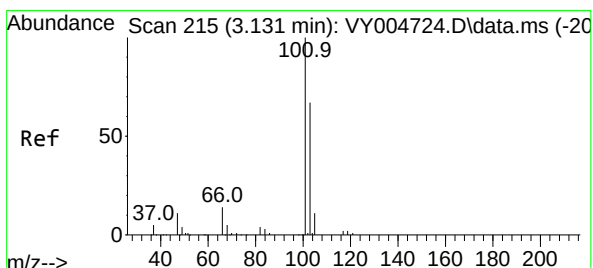
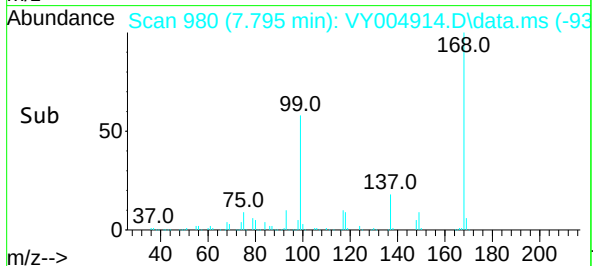
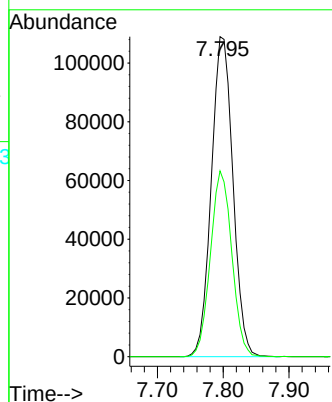


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

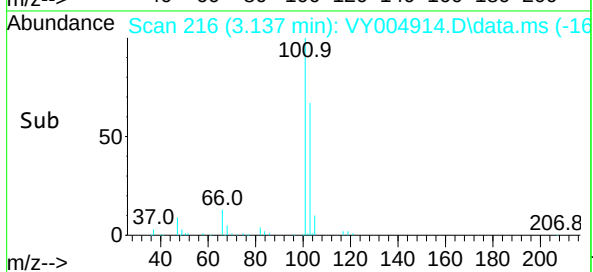
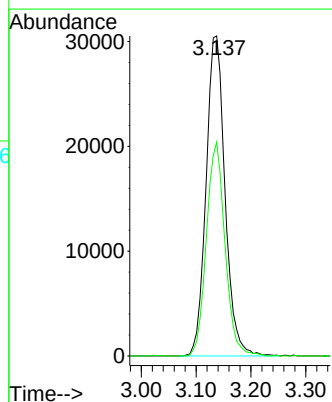
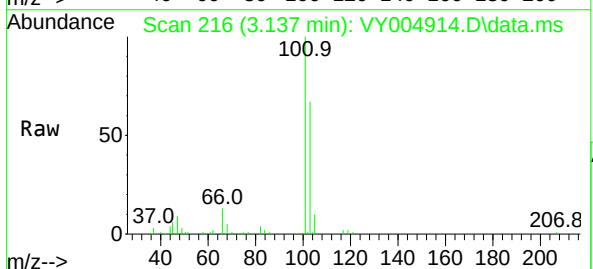


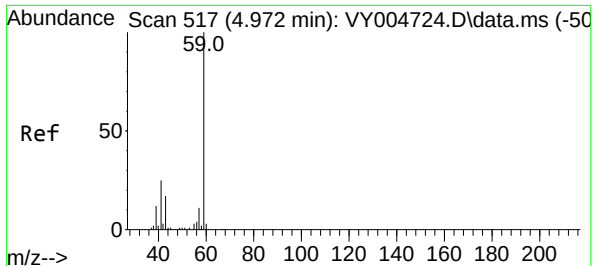
Tgt Ion:168 Resp: 249168
Ion Ratio Lower Upper
168 100
99 58.0 45.6 68.4



#7
Trichlorofluoromethane
Concen: 16.31 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion:101 Resp: 73237
Ion Ratio Lower Upper
101 100
103 66.9 53.4 80.2



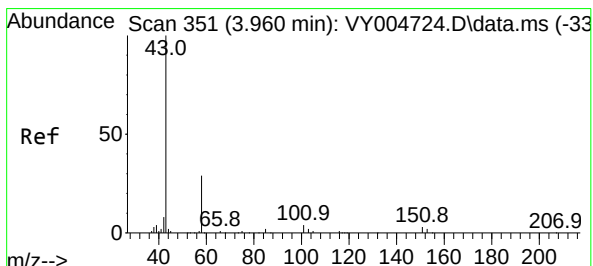
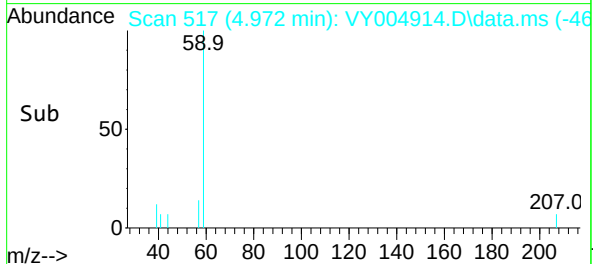
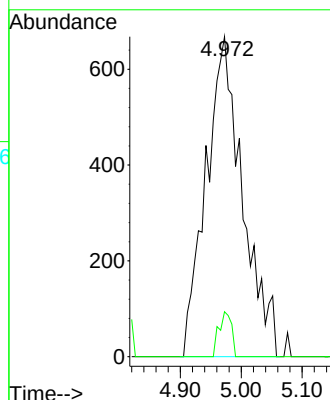
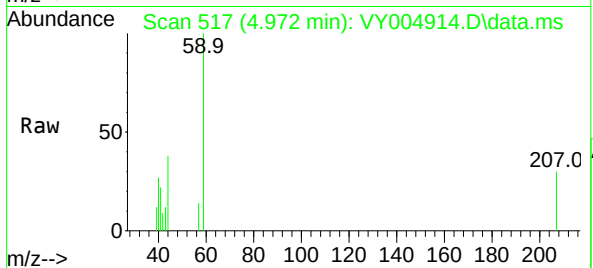


#11

Tert butyl alcohol
Concen: 9.37 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

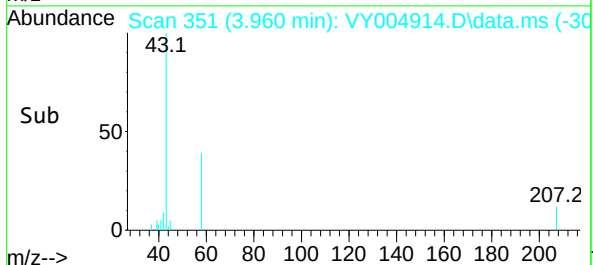
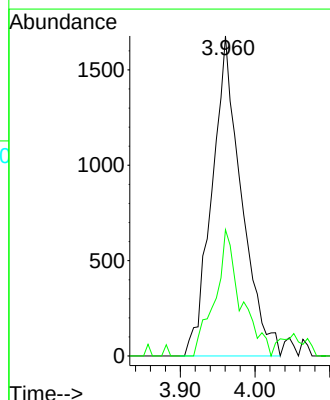
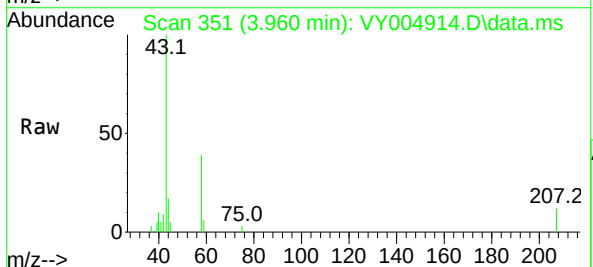
Tgt Ion: 59 Resp: 2792
Ion Ratio Lower Upper
59 100
57 4.8 8.7 13.1#

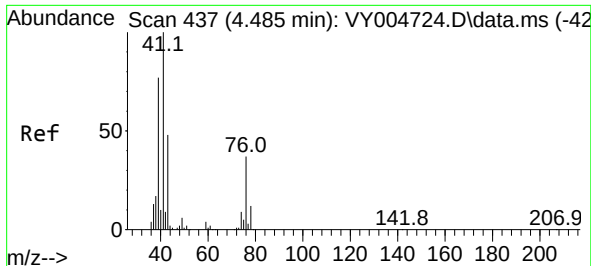


#16

Acetone
Concen: 6.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

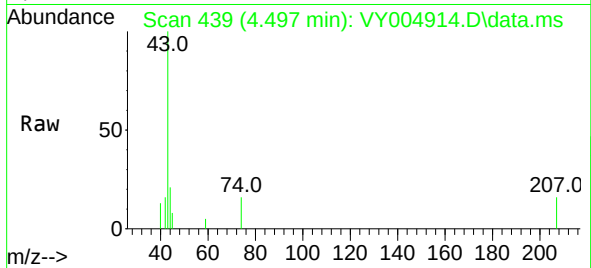
Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 39.5 23.6 35.4#



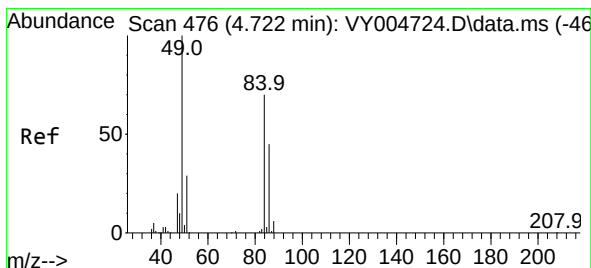
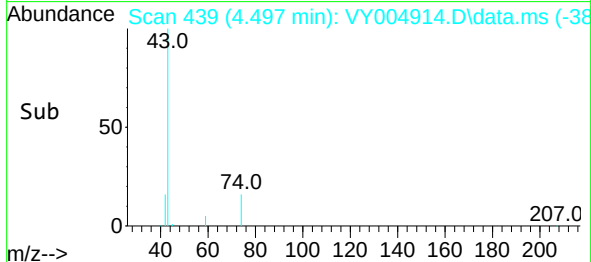
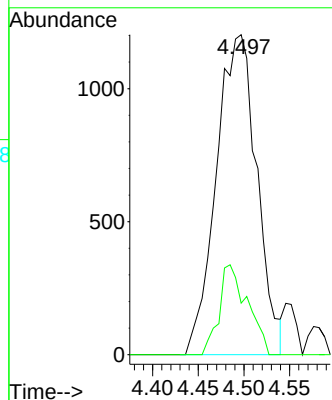


#18
Methyl Acetate
Concen: 1.75 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

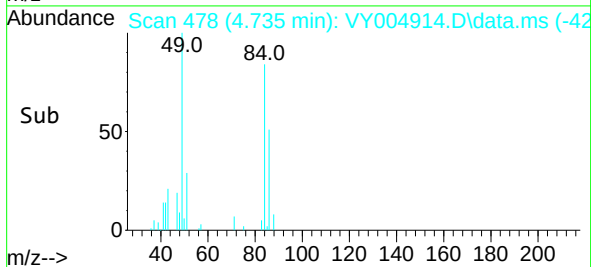
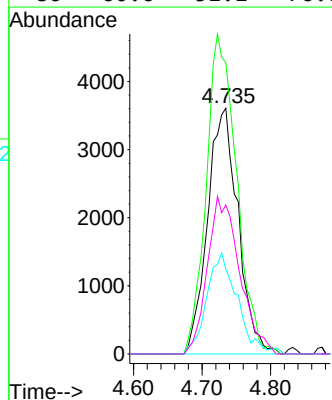
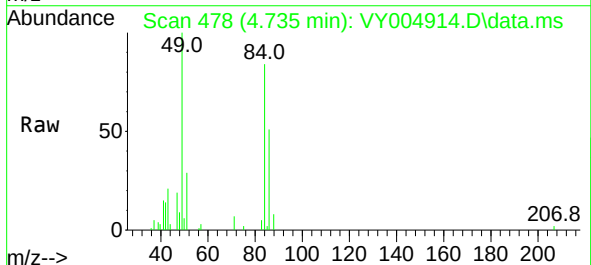


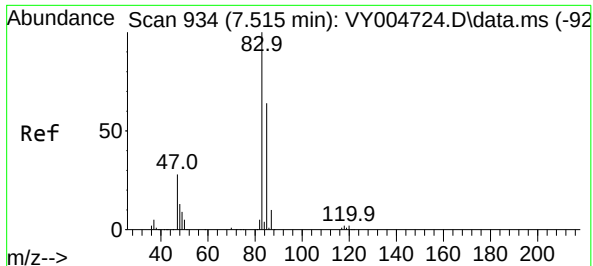
Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
74 19.6 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

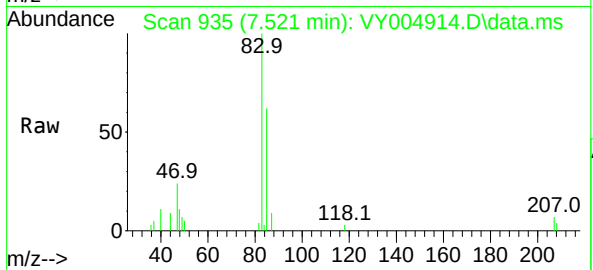
Tgt Ion: 84 Resp: 11171
Ion Ratio Lower Upper
84 100
49 118.5 113.8 170.8
51 34.5 33.5 50.3
86 60.6 51.1 76.7



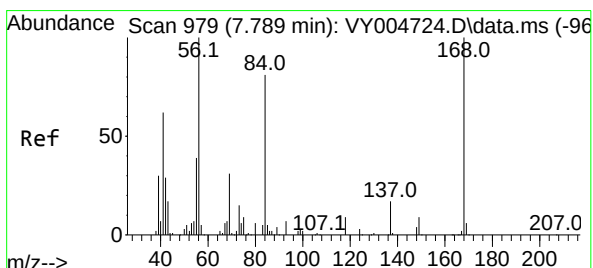
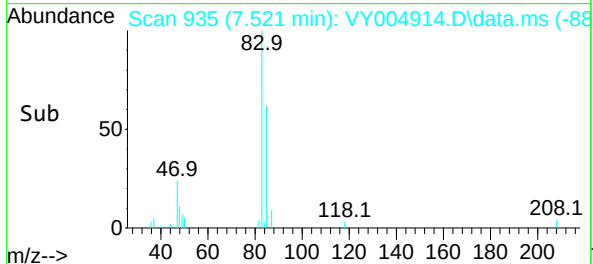
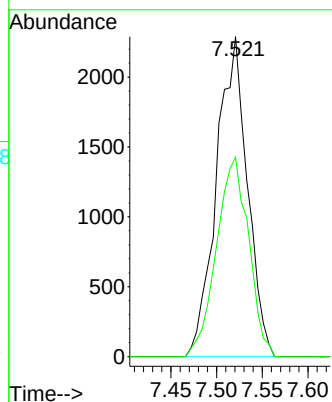


#30
Chloroform
Concen: 1.05 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

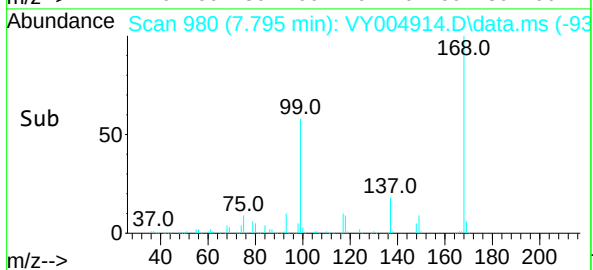
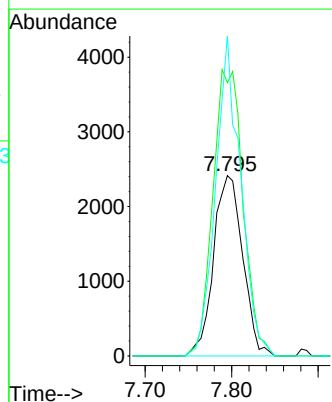
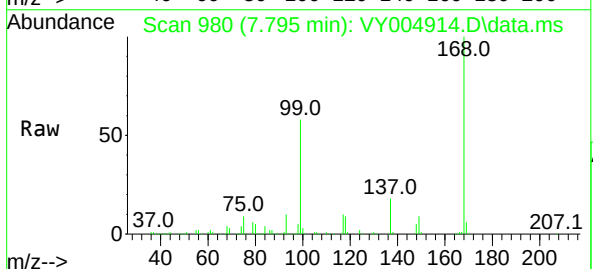


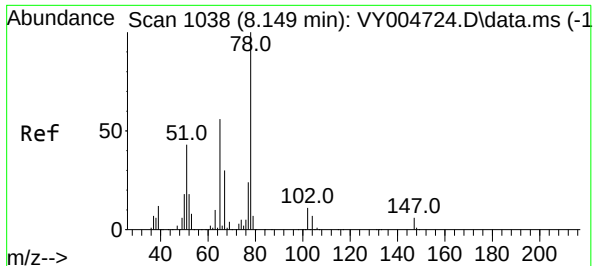
Tgt Ion: 83 Resp: 5382
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion: 56 Resp: 5642
Ion Ratio Lower Upper
56 100
69 151.5 24.4 36.6#
84 177.5 64.8 97.2#

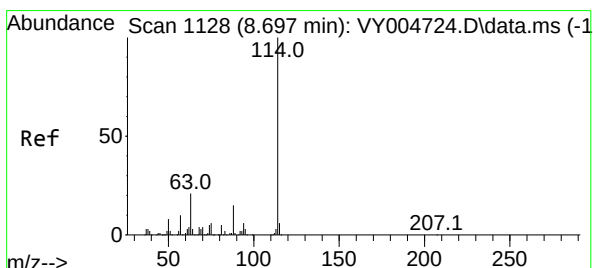
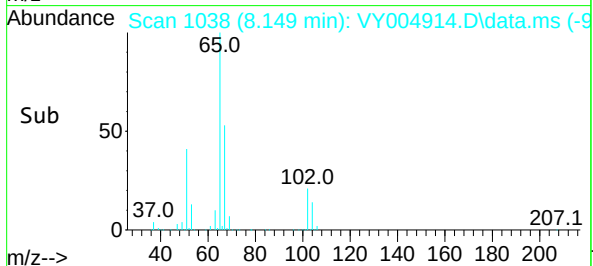
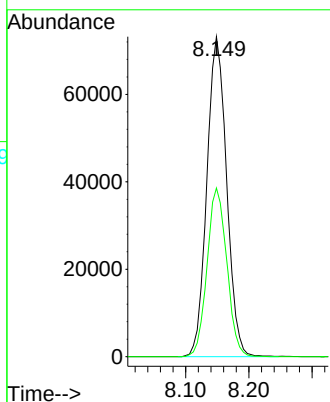
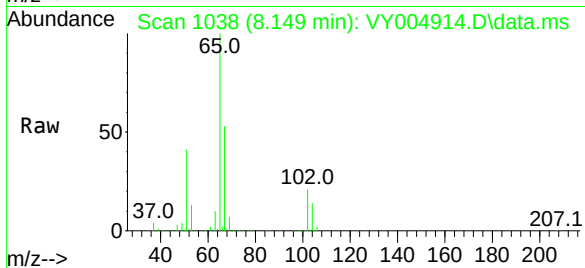




#33
1,2-Dichloroethane-d4
Concen: 53.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

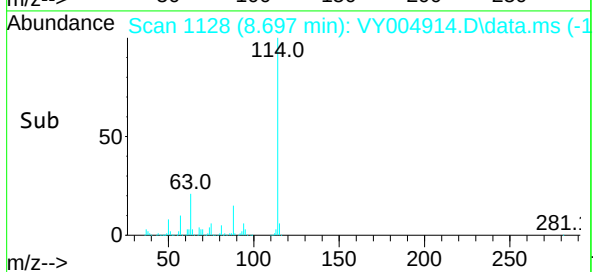
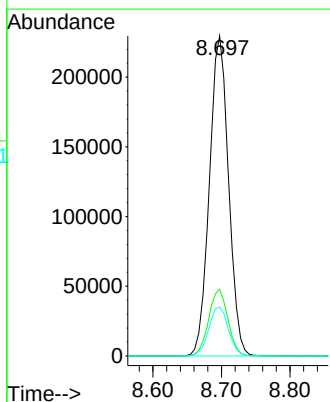
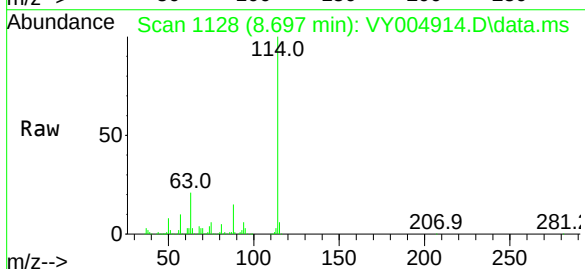
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

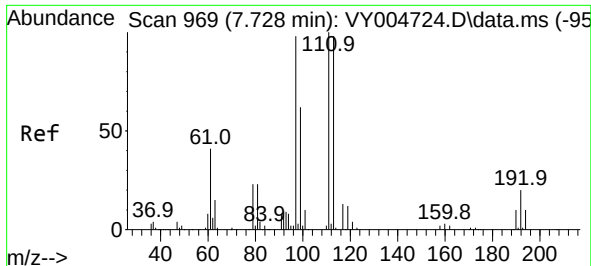
Tgt Ion: 65 Resp: 158901
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

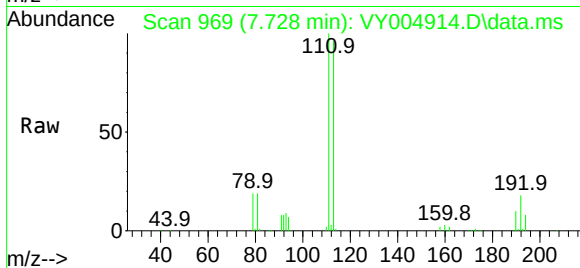
Tgt Ion: 114 Resp: 445489
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 15.3 0.0 31.0



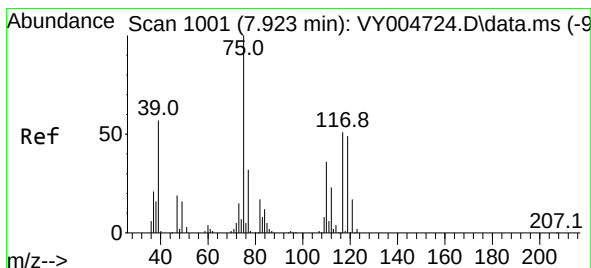
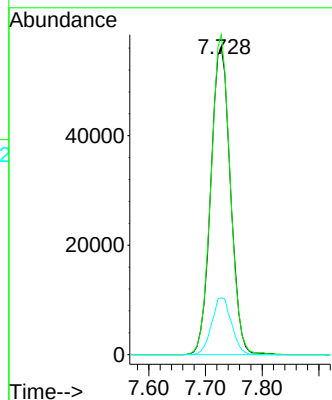
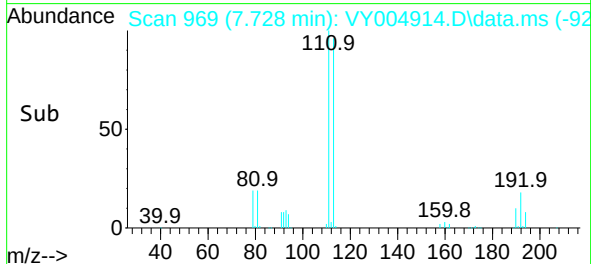


#35
Dibromofluoromethane
Concen: 55.53 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

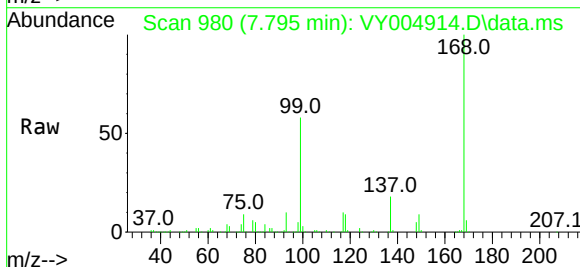
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074



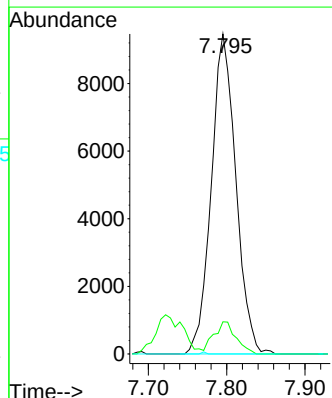
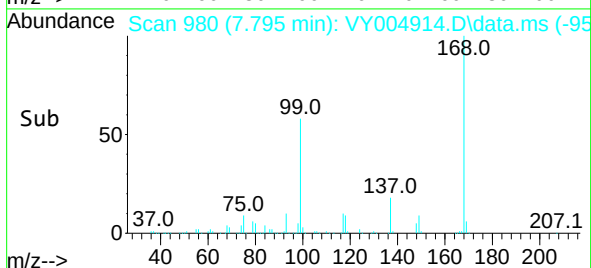
Tgt Ion:113 Resp: 135436
Ion Ratio Lower Upper
113 100
111 101.4 80.5 120.7
192 18.7 15.0 22.6

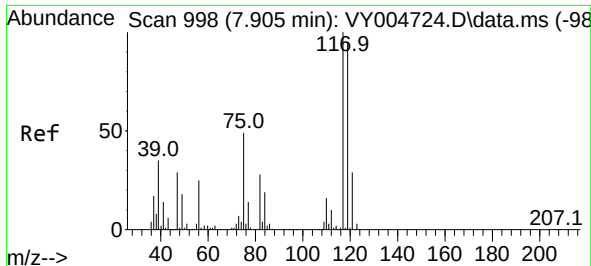


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03



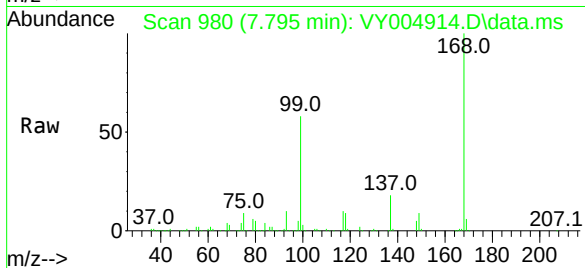
Tgt Ion: 75 Resp: 20644
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 25.0 37.4#



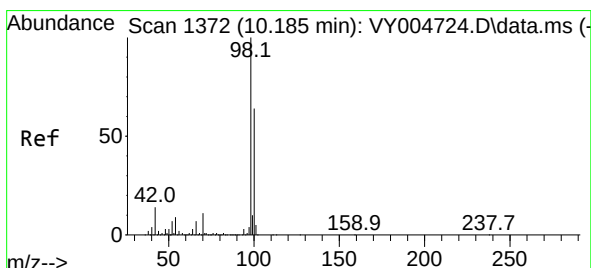
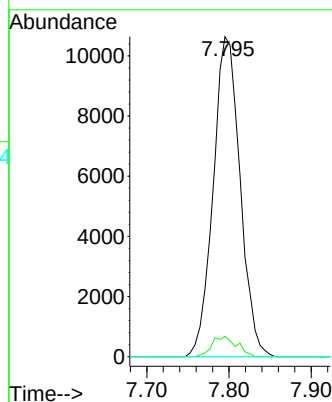
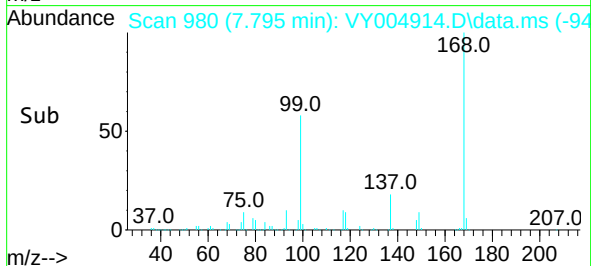


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

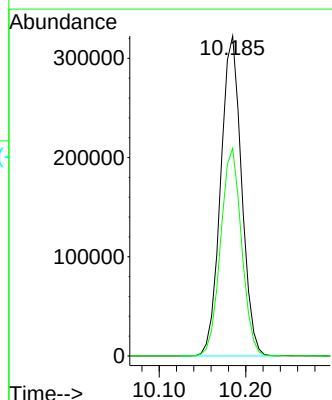
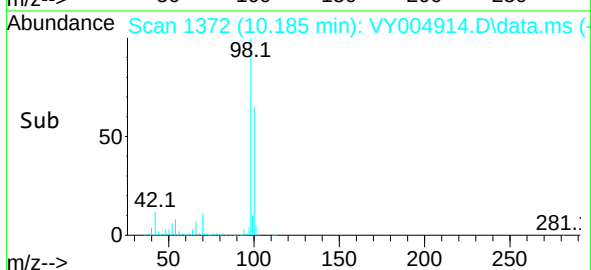
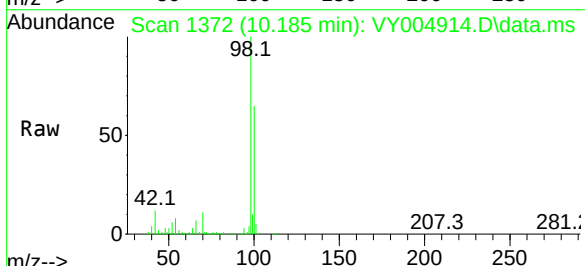


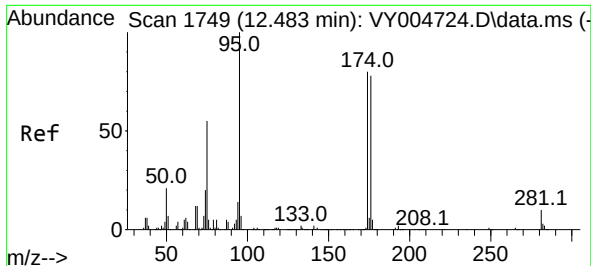
Tgt Ion:117 Resp: 24197
Ion Ratio Lower Upper
117 100
119 6.4 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 49.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion: 98 Resp: 540237
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

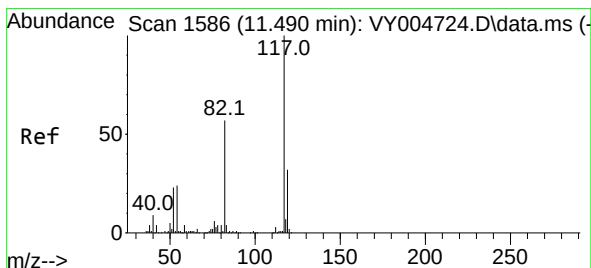
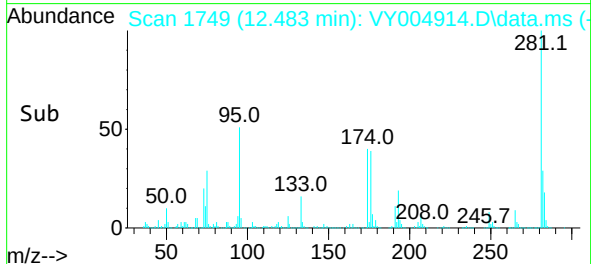
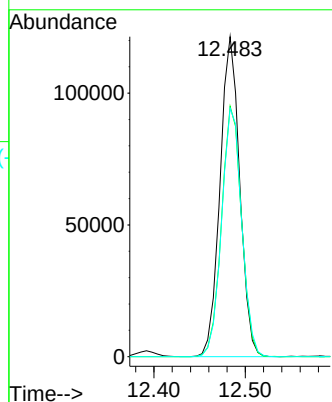
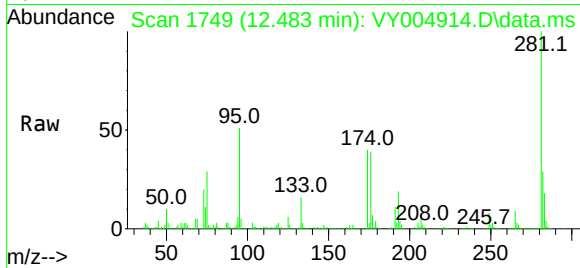




#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

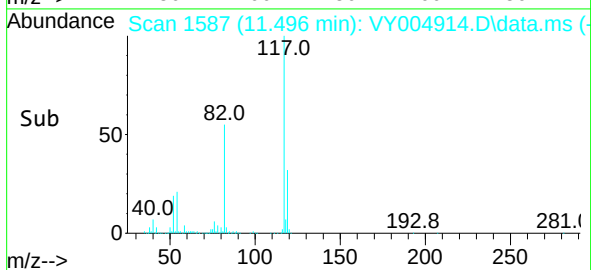
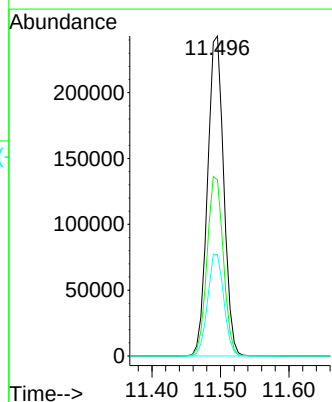
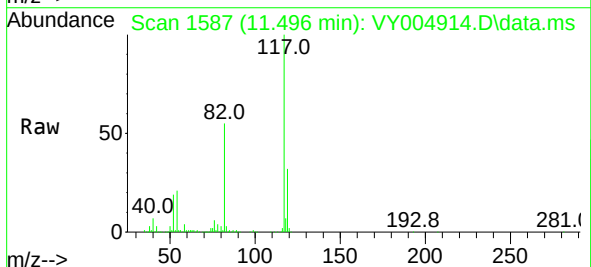
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

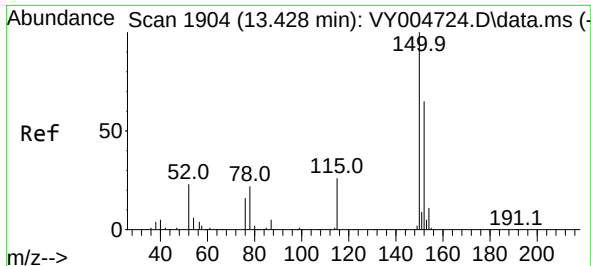
Tgt Ion: 95 Resp: 181603
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.2
176 79.4 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion: 117 Resp: 398585
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.7 25.8 38.6

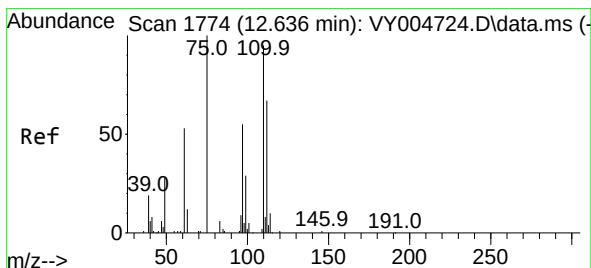
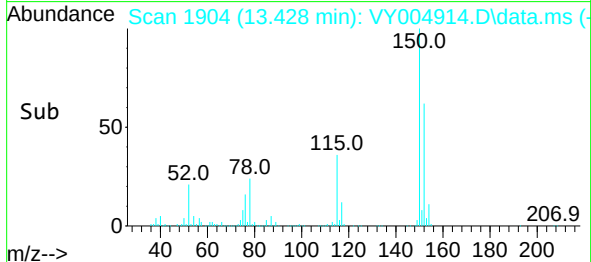
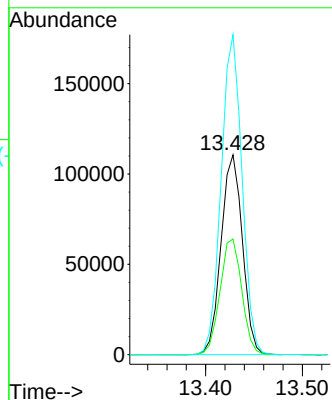
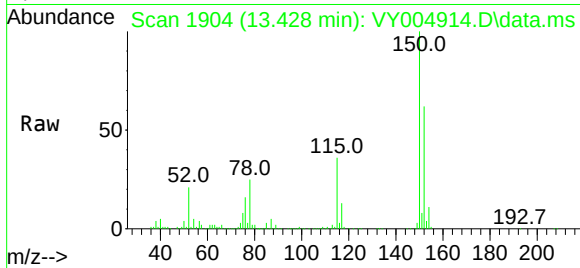




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

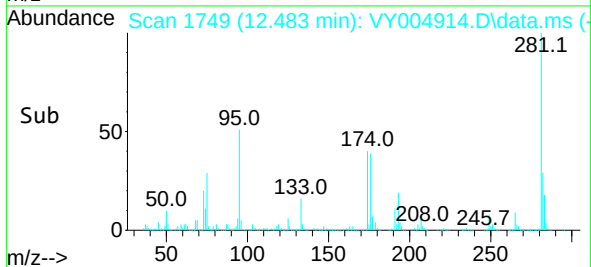
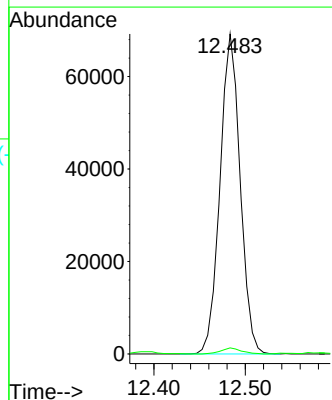
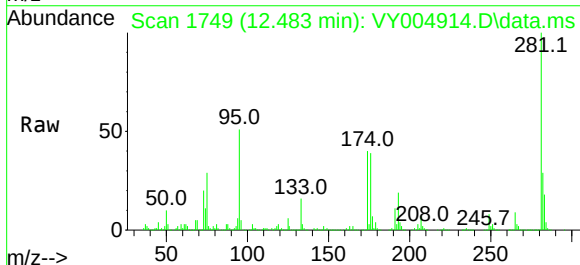
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

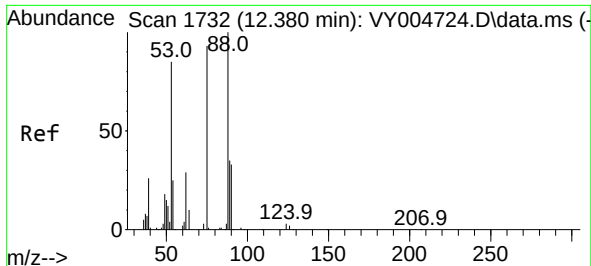
Tgt Ion:152 Resp: 169616
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 156.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 58.85 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion: 75 Resp: 106020
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

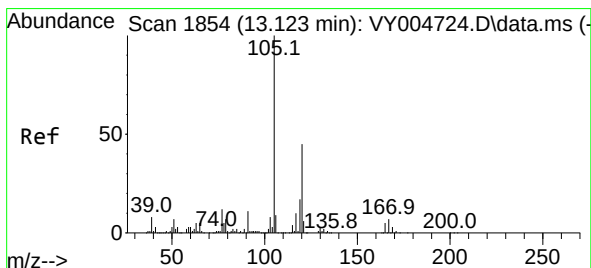
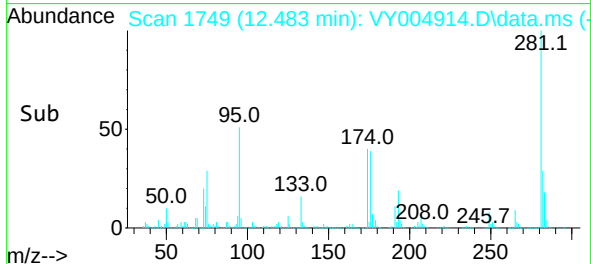
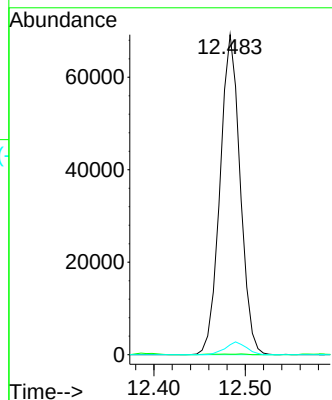
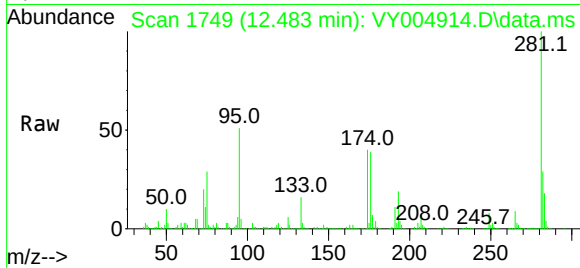




#81
trans-1,4-Dichloro-2-butene
Concen: 102.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

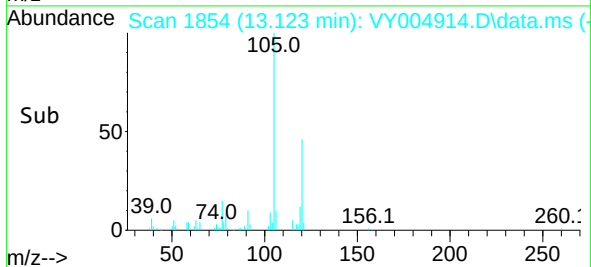
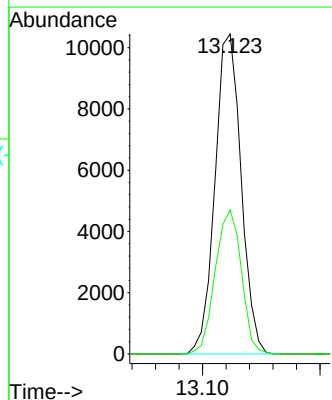
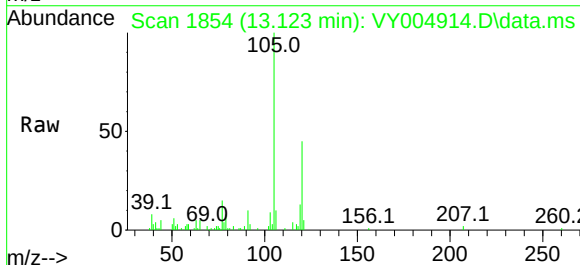
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

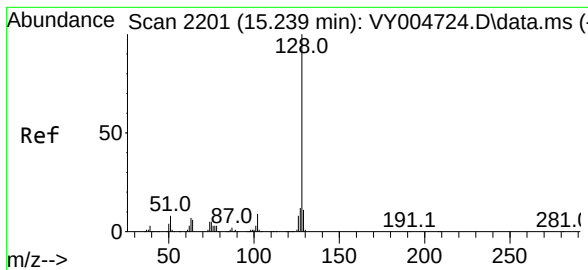
Tgt Ion: 75 Resp: 106020
Ion Ratio Lower Upper
75 100
53 0.2 73.9 110.9#
89 4.1 35.5 53.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.52 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Tgt Ion: 105 Resp: 16123
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#95
Naphthalene
Concen: 1.11 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004914.D
Acq: 27 May 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-074

Tgt Ion:128 Resp: 7707
Ion Ratio Lower Upper
128 100
127 17.4 10.2 15.2#
129 11.7 8.6 13.0

