

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004898.D
 Acq On : 27 May 2021 14:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 27 15:02:18 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)

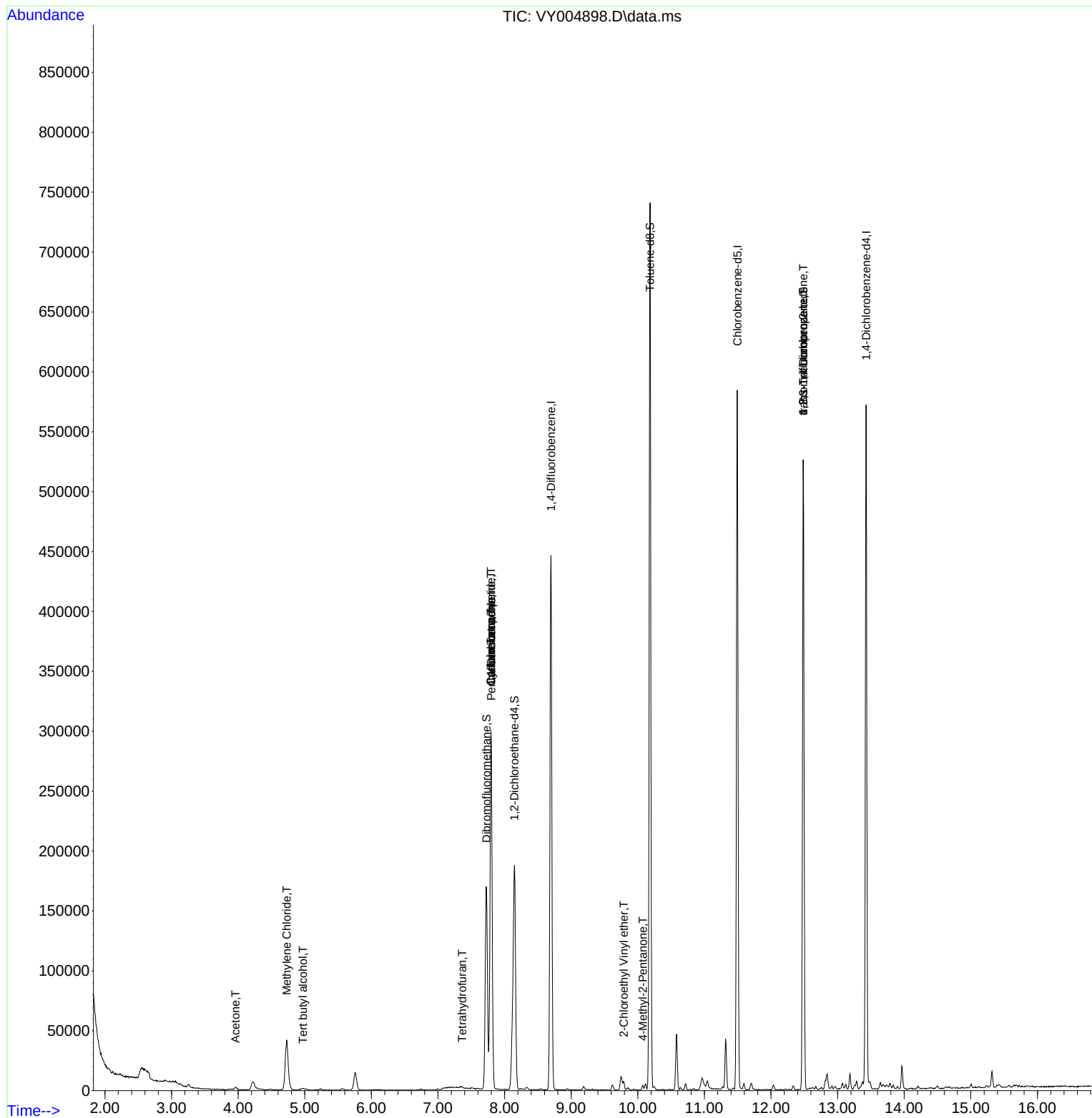
Internal Standards						
1) Pentafluorobenzene	7.801	168	218054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	306061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132545	51.07	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 102.14%		
35) Dibromofluoromethane	7.728	113	120251	60.21	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 120.42%		
50) Toluene-d8	10.185	98	454782	50.41	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 100.82%		
62) 4-Bromofluorobenzene	12.483	95	145397	47.75	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 95.50%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2782	10.67	ug/l #	76
16) Acetone	3.960	43	3957	6.79	ug/l #	79
20) Methylene Chloride	4.729	84	29945	3.07	ug/l	96
29) Tetrahydrofuran	7.362	42	761	1.15	ug/l #	69
31) Cyclohexane	7.795	56	5944	1.41	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	19384	5.18	ug/l #	50
38) Carbon Tetrachloride	7.795	117	22178	6.60	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	3312	1.29	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.789	63	2966	1.88	ug/l #	88
76) 1,2,3-Trichloropropane	12.483	75	79852	55.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79852	96.91	ug/l #	13

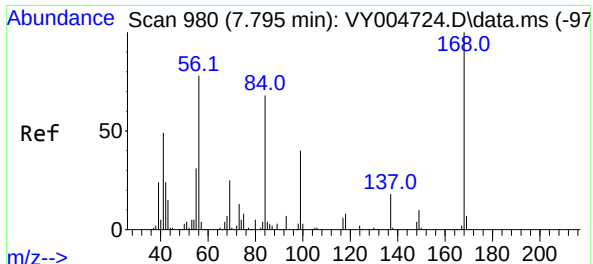
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

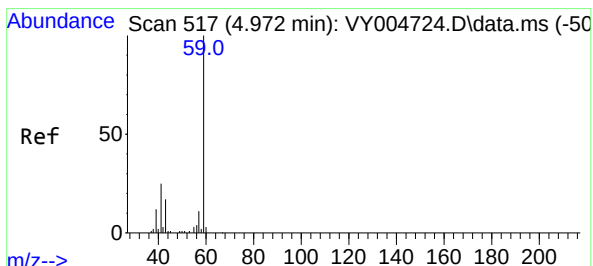
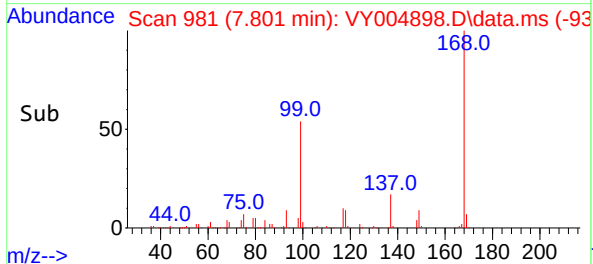
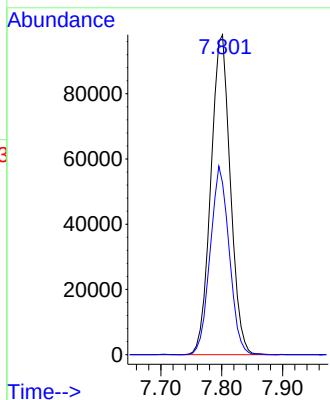
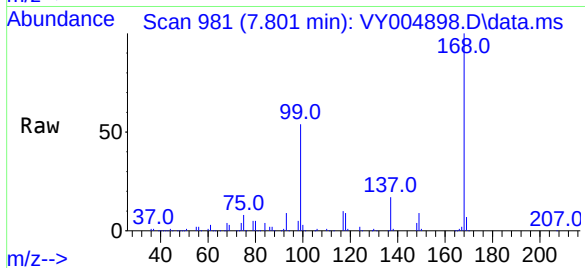




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

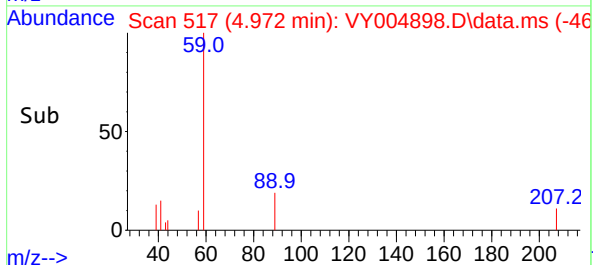
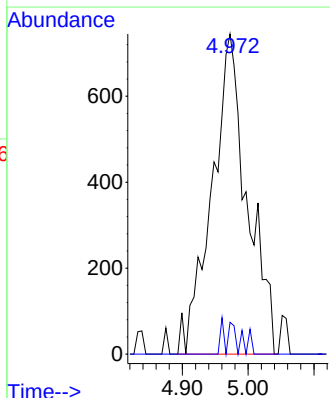
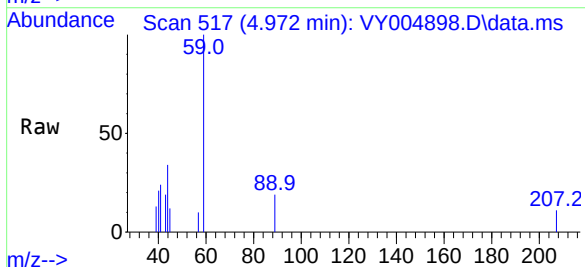
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

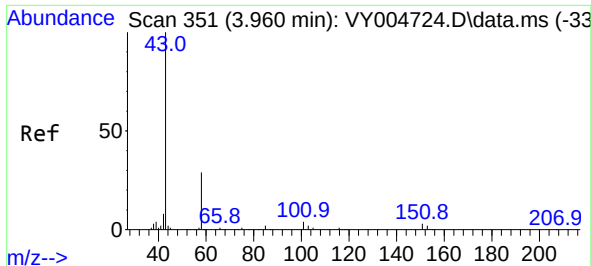
Tgt Ion:168 Resp: 218054
Ion Ratio Lower Upper
168 100
99 53.7 45.6 68.4



#11
Tert butyl alcohol
Concen: 10.67 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Tgt Ion: 59 Resp: 2782
Ion Ratio Lower Upper
59 100
57 1.8 8.7 13.1#

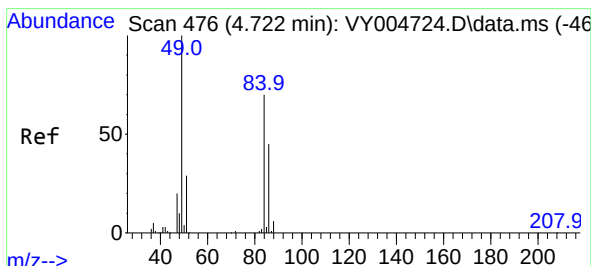
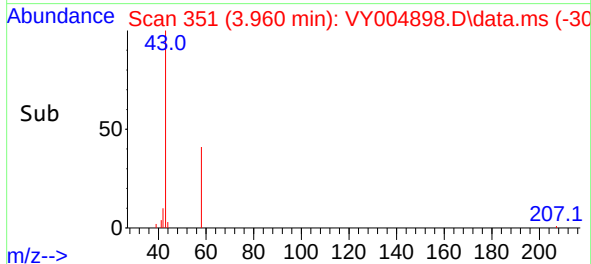
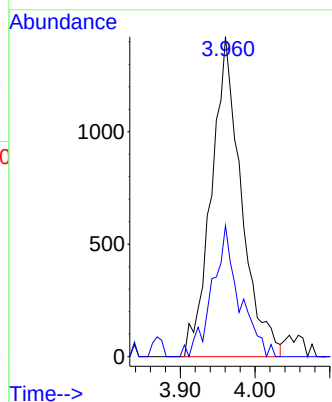
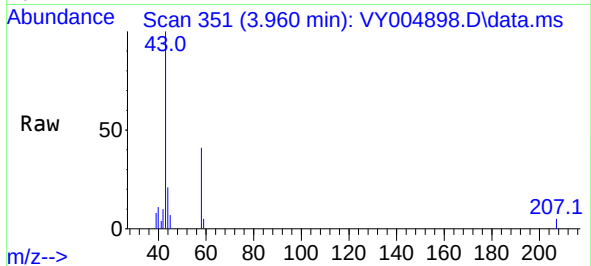




#16
Acetone
Concen: 6.79 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

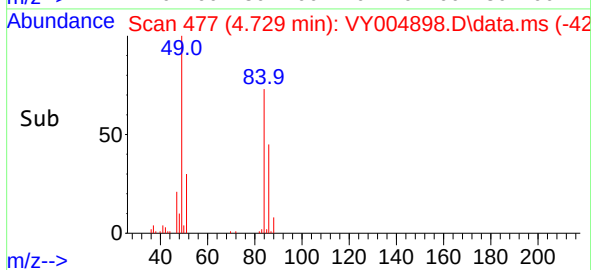
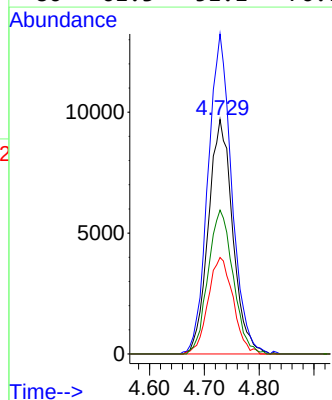
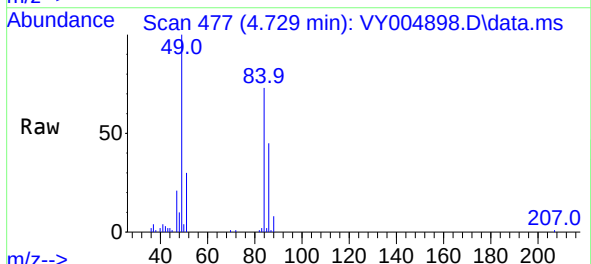
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

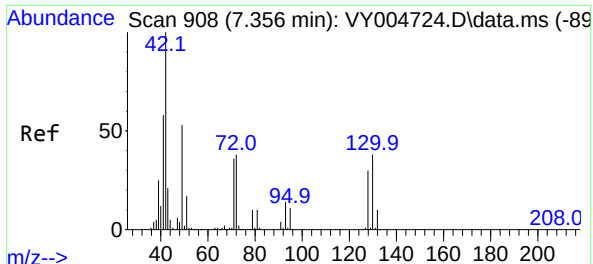
Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
58 41.0 23.6 35.4#



#20
Methylene Chloride
Concen: 3.07 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Tgt Ion: 84 Resp: 29945
Ion Ratio Lower Upper
84 100
49 136.4 113.8 170.8
51 41.1 33.5 50.3
86 61.3 51.1 76.7





#29

Tetrahydrofuran

Concen: 1.15 ug/l

RT: 7.362 min Scan# 909

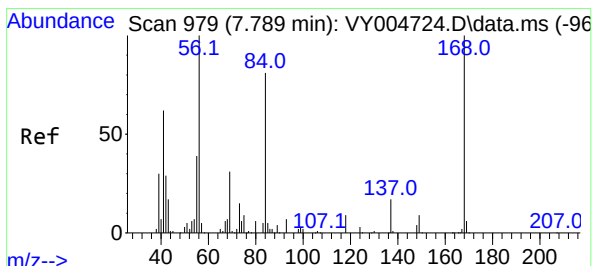
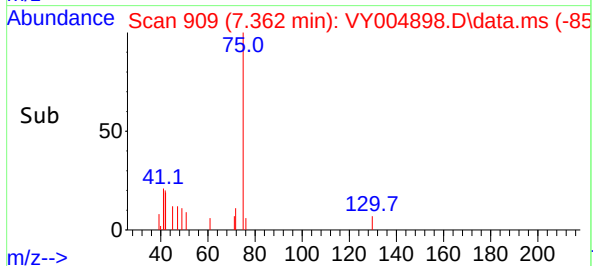
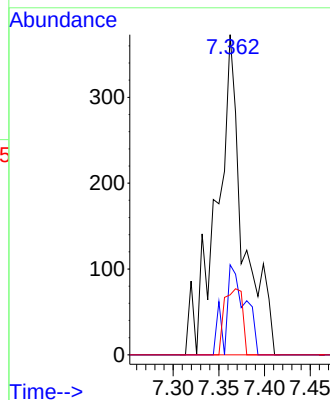
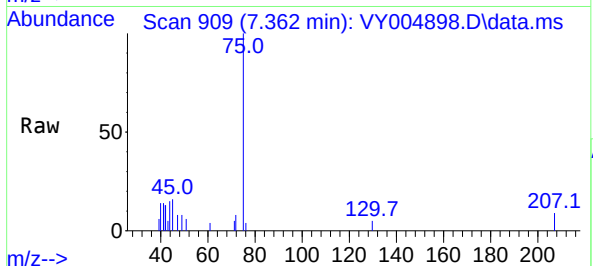
Delta R.T. 0.006 min

Lab File: VY004898.D

Acq: 27 May 2021 14:13

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

Tgt Ion:	42	Resp:	761
Ion	Ratio	Lower	Upper
42	100		
72	20.9	29.4	44.0#
71	13.8	28.0	42.0#



#31

Cyclohexane

Concen: 1.41 ug/l

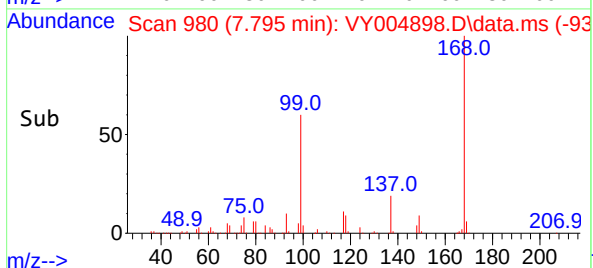
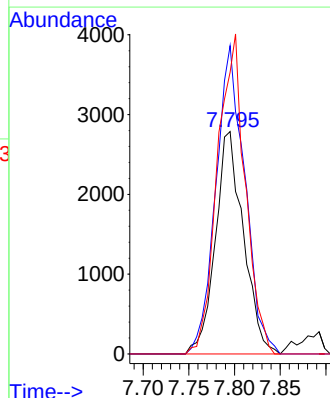
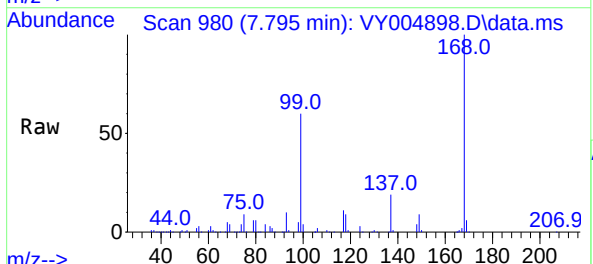
RT: 7.795 min Scan# 980

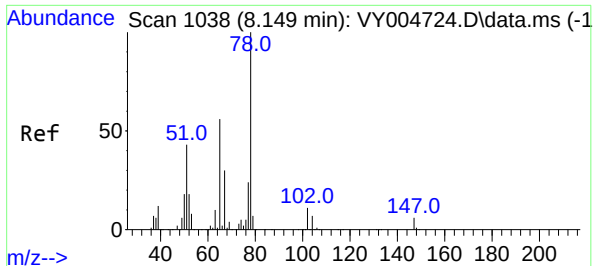
Delta R.T. 0.006 min

Lab File: VY004898.D

Acq: 27 May 2021 14:13

Tgt Ion:	56	Resp:	5944
Ion	Ratio	Lower	Upper
56	100		
69	138.6	24.4	36.6#
84	126.6	64.8	97.2#

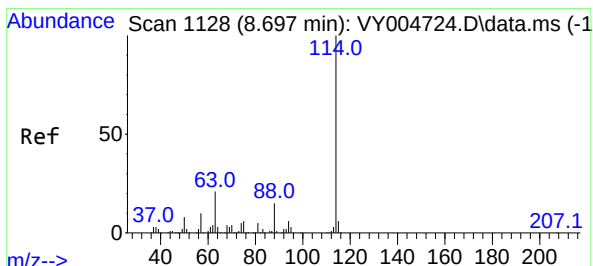
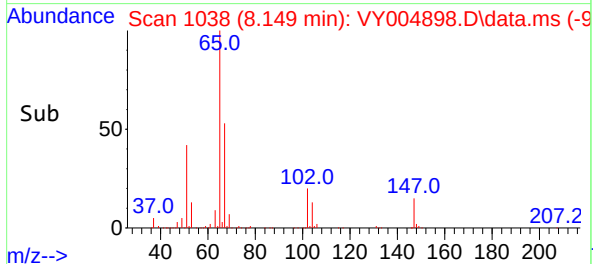
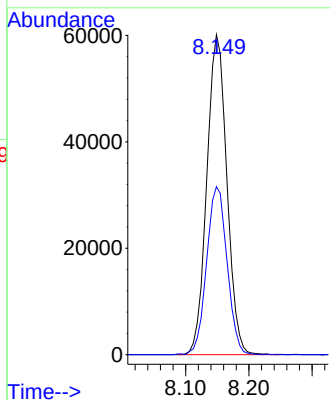
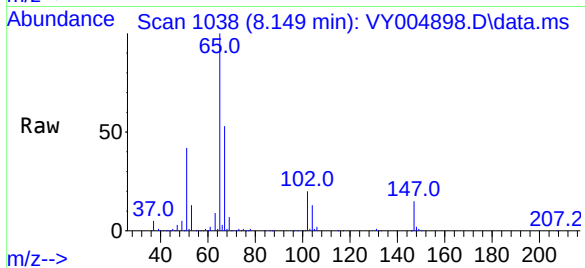




#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

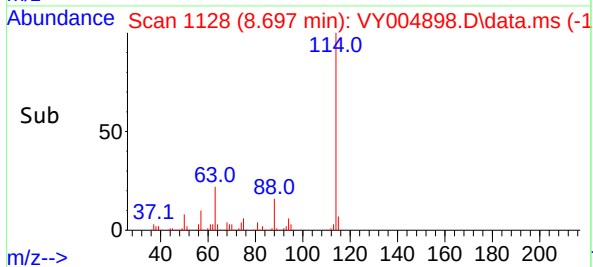
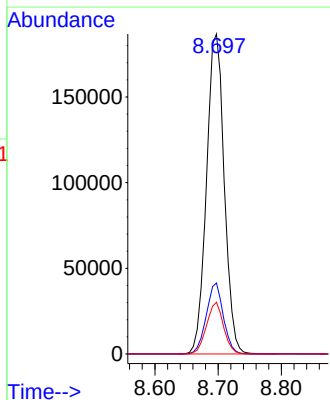
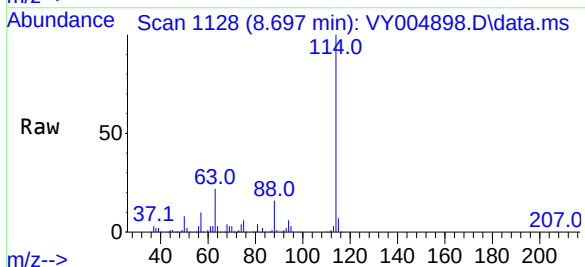
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

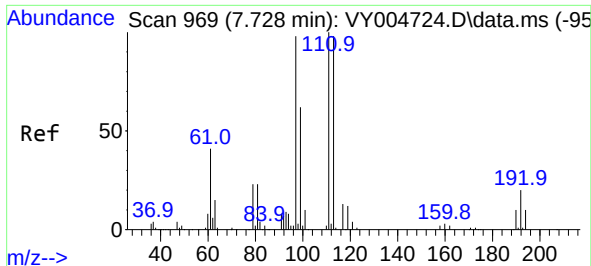
Tgt Ion: 65 Resp: 132545
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Tgt Ion: 114 Resp: 364806
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.8
88 16.1 0.0 31.0

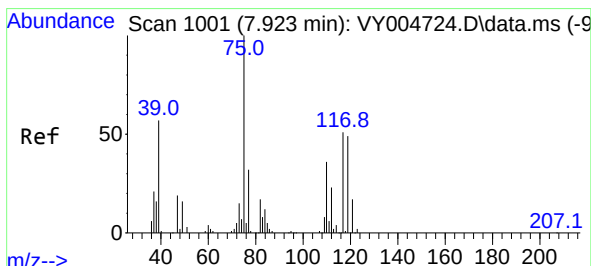
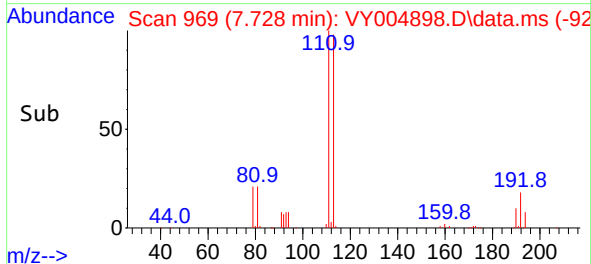
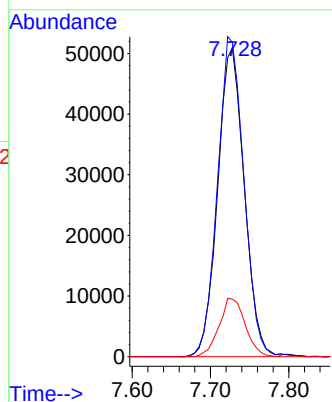
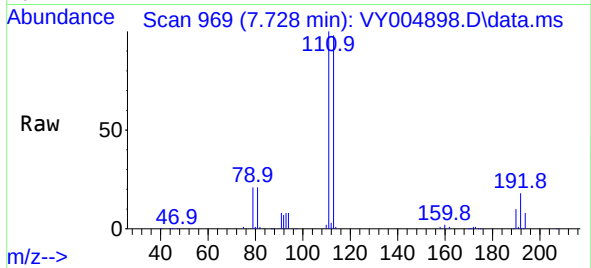




#35
Dibromofluoromethane
Concen: 60.21 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

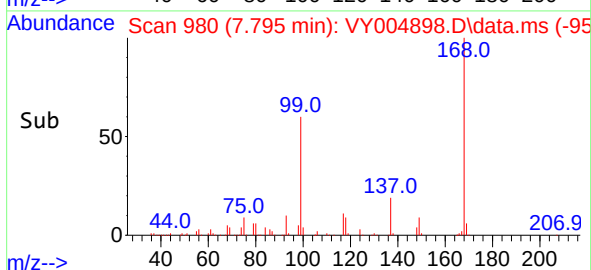
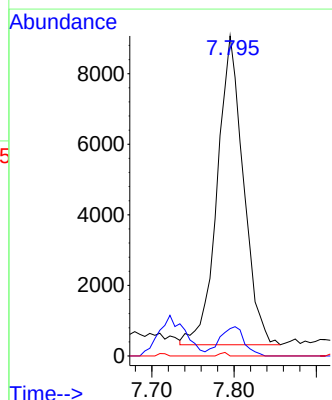
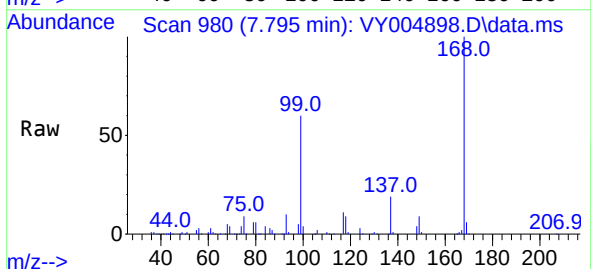
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

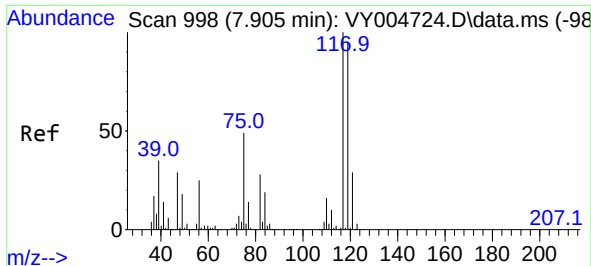
Tgt Ion:113 Resp: 120251
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 18.6 15.0 22.6



#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

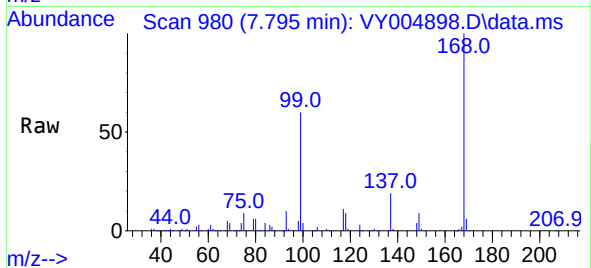
Tgt Ion: 75 Resp: 19384
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.3 25.0 37.4#



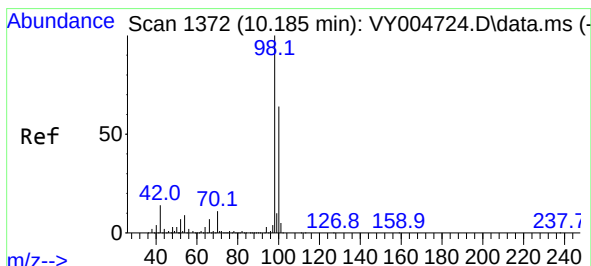
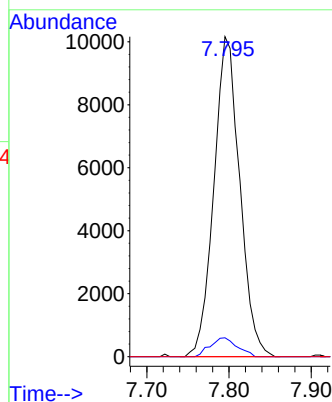
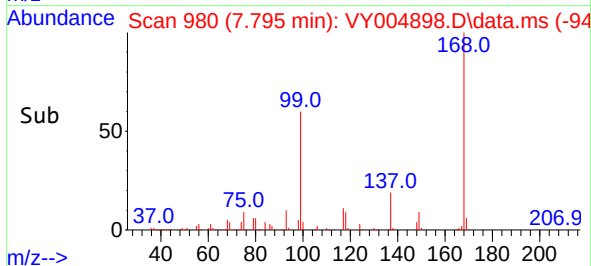


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

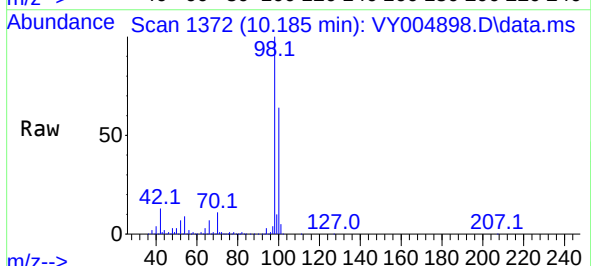
Instrument :
MSVOA_Y
ClientSampled :
VIBLK



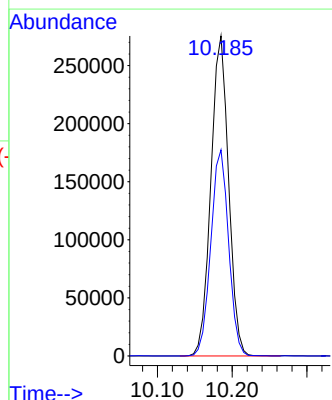
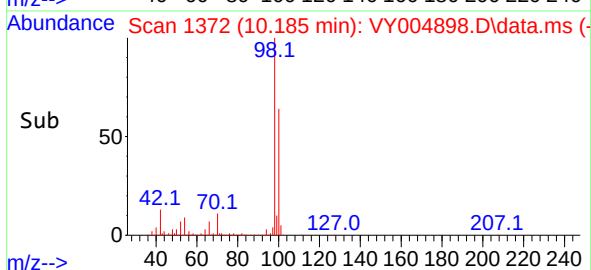
Tgt Ion:117 Resp: 22178
Ion Ratio Lower Upper
117 100
119 5.9 76.3 114.5#
121 0.0 23.0 34.6#

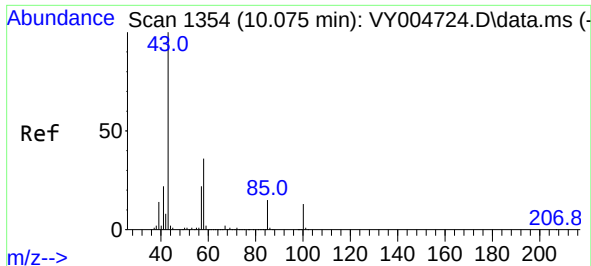


#50
Toluene-d8
Concen: 50.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13



Tgt Ion: 98 Resp: 454782
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

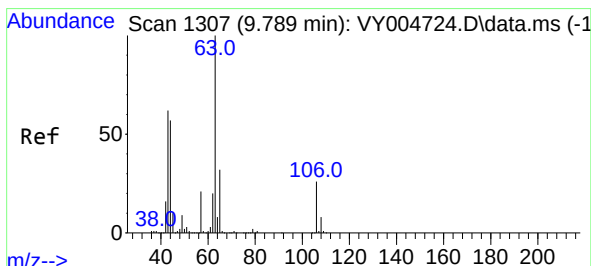
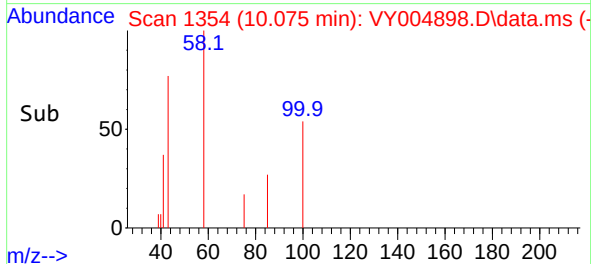
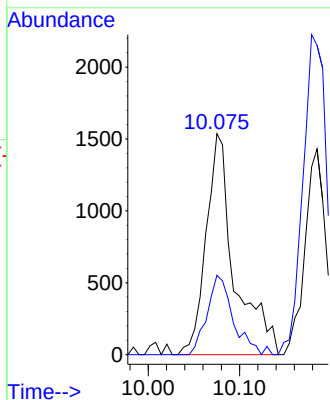
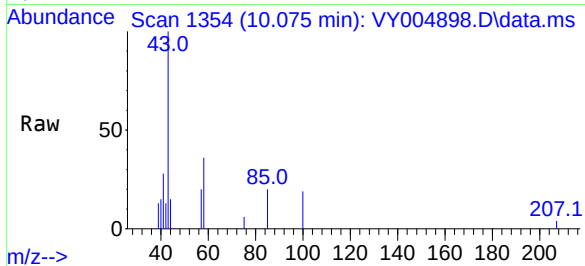




#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

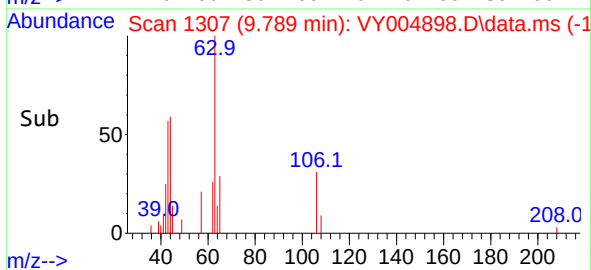
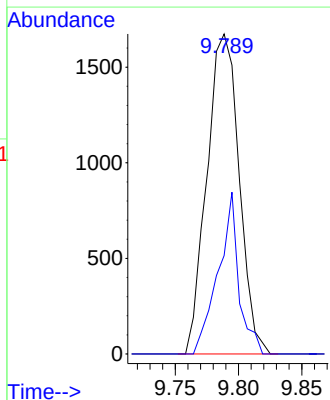
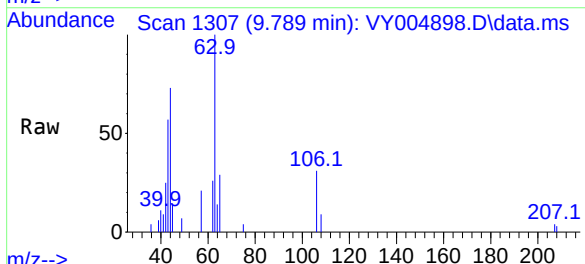
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

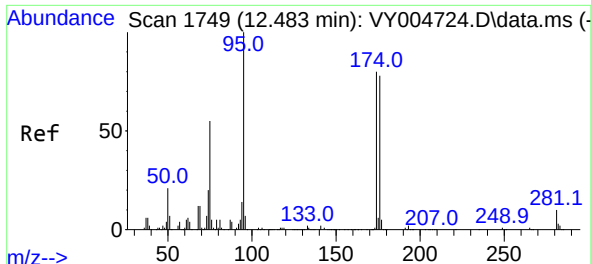
Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
58 33.1 28.7 43.1



#58
2-Chloroethyl Vinyl ether
Concen: 1.88 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Tgt Ion: 63 Resp: 2966
Ion Ratio Lower Upper
63 100
106 32.3 20.9 31.3#



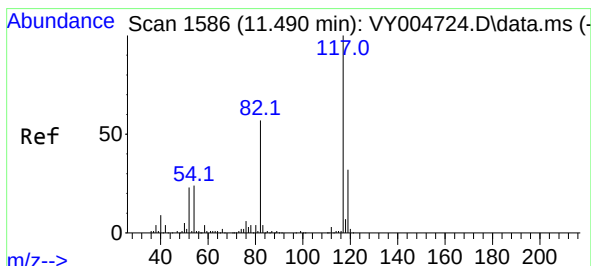
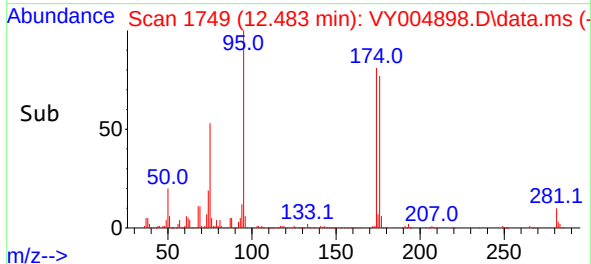
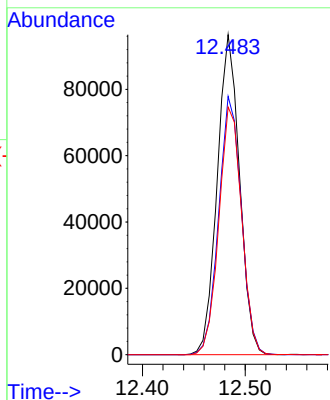
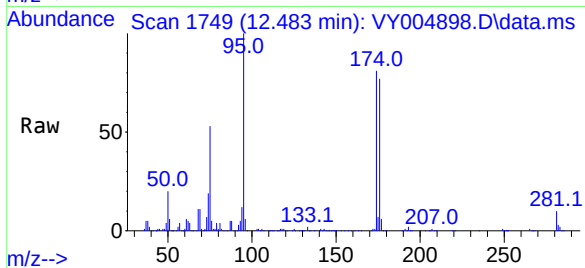


#62
4-Bromofluorobenzene
Concen: 47.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

Tgt Ion: 95 Resp: 145397

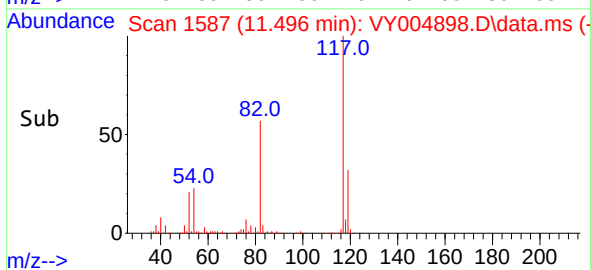
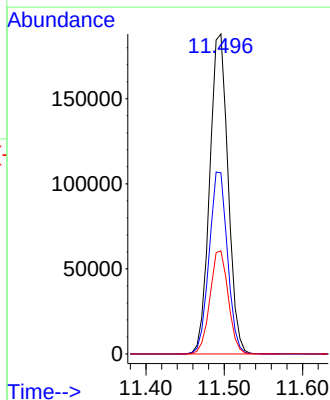
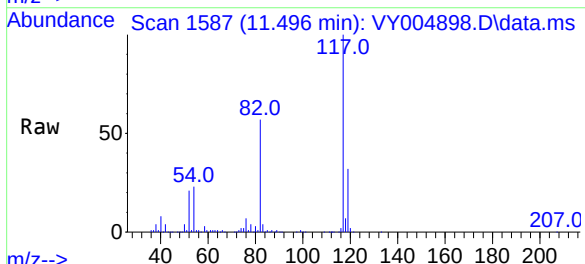
Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	164.2
176	78.9	0.0	159.0

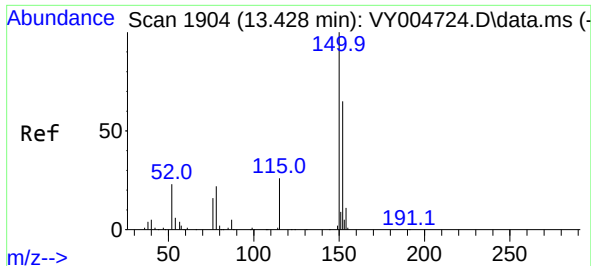


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

Tgt Ion: 117 Resp: 306061

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.2
119	32.2	25.8	38.6

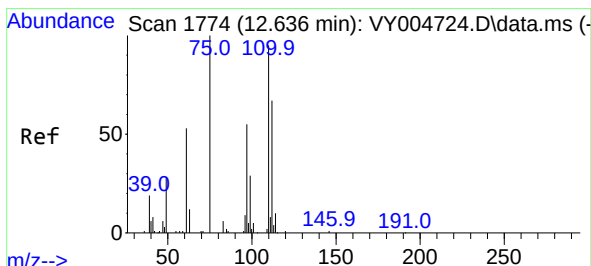
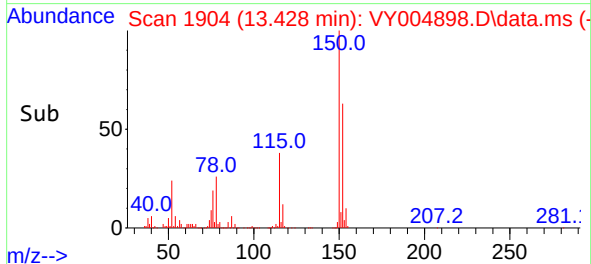
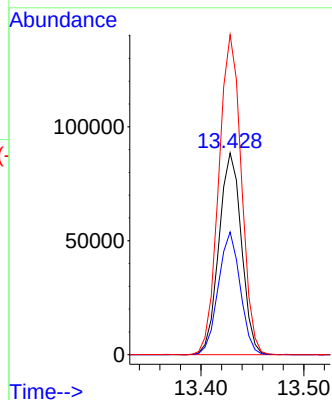
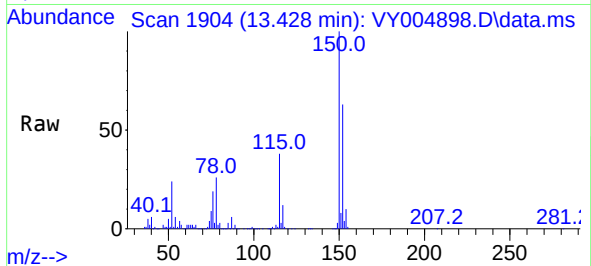




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

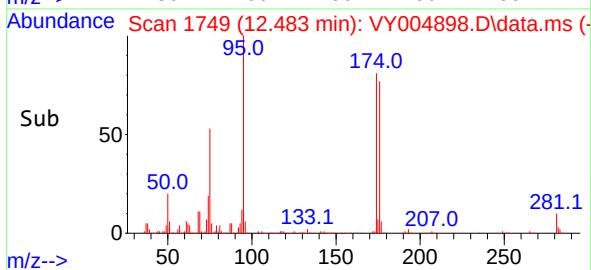
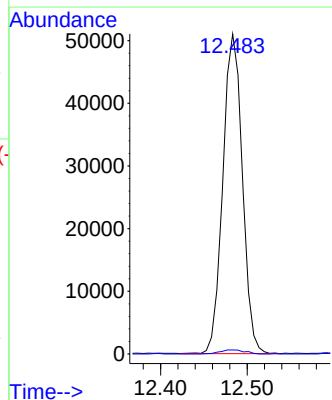
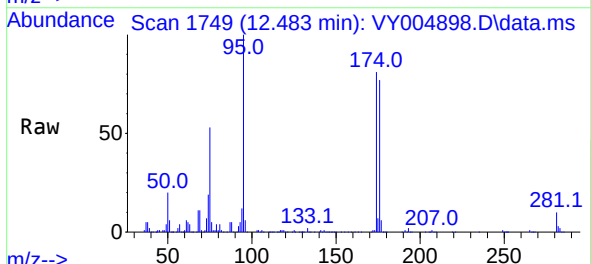
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

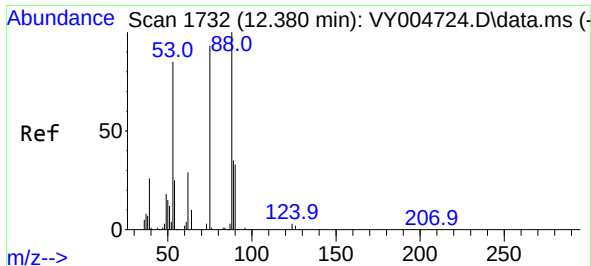
Tgt Ion:152 Resp: 134510
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.3
150 159.1 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 55.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004898.D
Acq: 27 May 2021 14:13

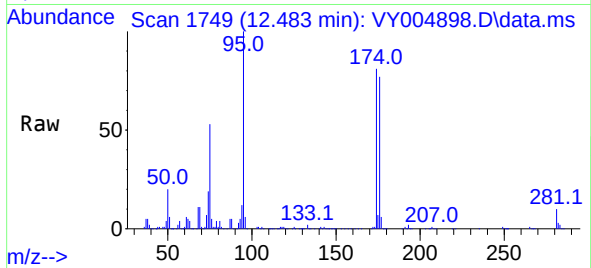
Tgt Ion: 75 Resp: 79852
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.91 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004898.D
 Acq: 27 May 2021 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 79852
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 0.5 35.5 53.3#

