

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008005.D
 Acq On : 22 Mar 2022 17:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 23 05:08:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

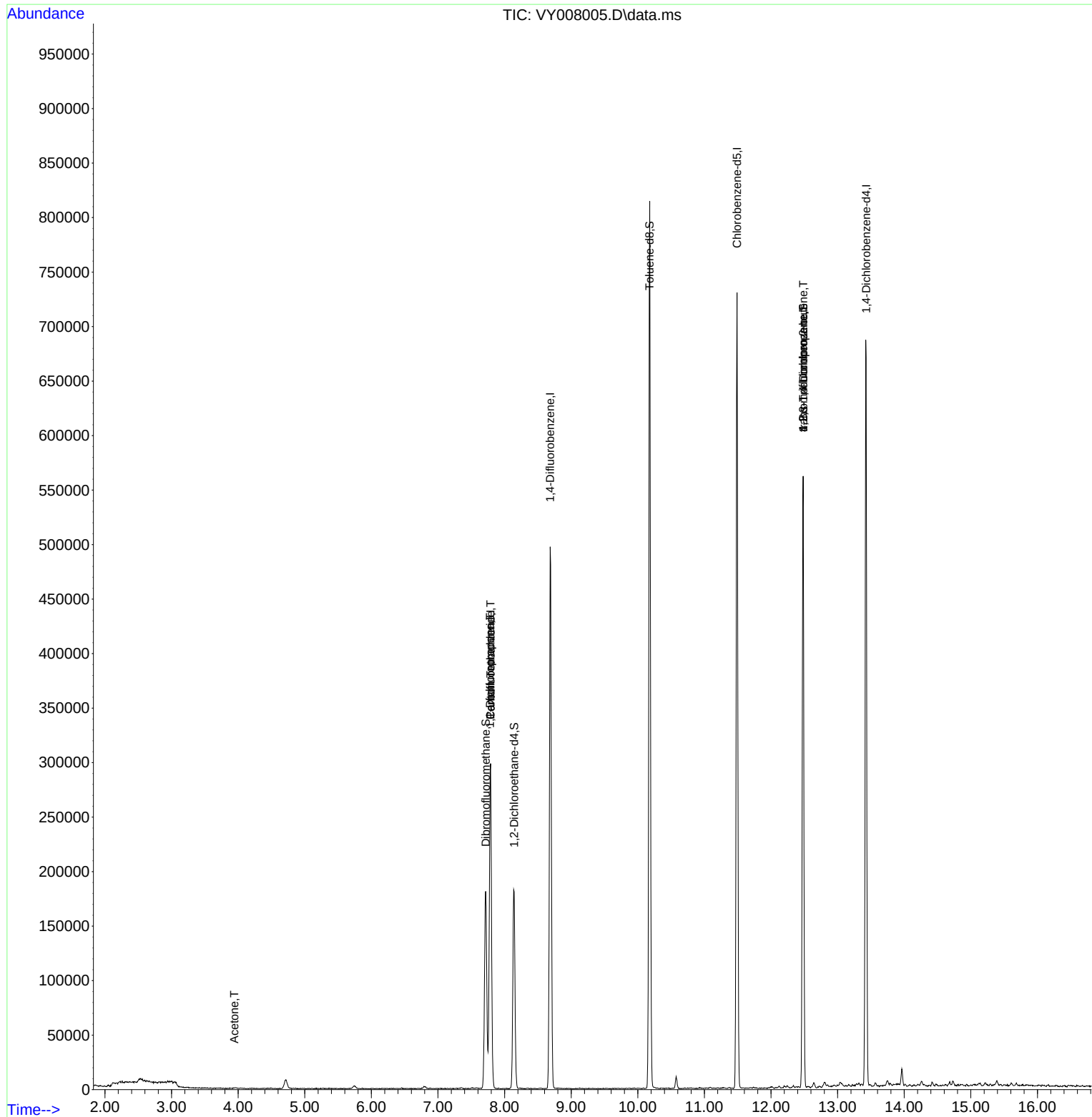
Internal Standards						
1) Pentafluorobenzene	7.789	168	217099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	386421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140752	56.862	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.720%	
35) Dibromofluoromethane	7.716	113	129007	44.030	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	88.060%	
50) Toluene-d8	10.179	98	516108	59.443	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	118.880%	
62) 4-Bromofluorobenzene	12.483	95	179976	42.800	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	85.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	19	Below Cal	#	43
3) Chloromethane	2.119	50	875	Below Cal	#	86
4) Vinyl Chloride	2.247	62	147	Below Cal	#	43
5) Bromomethane	2.656	94	255	Below Cal	#	73
16) Acetone	3.942	43	1474	2.245	ug/l #	83
17) Carbon Disulfide	4.192	76	38	Below Cal	#	75
18) Methyl Acetate	4.485	43	481	Below Cal		97
20) Methylene Chloride	4.704	84	6150	Below Cal	#	81
31) Cyclohexane	7.783	56	5407	Below Cal	#	14
36) 1,1-Dichloropropene	7.783	75	19515	4.491	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23496	5.060	ug/l #	14
39) Methylcyclohexane	9.167	83	64	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.483	75	96106	41.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96106	86.474	ug/l #	7

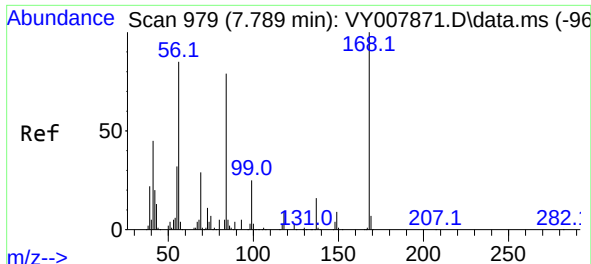
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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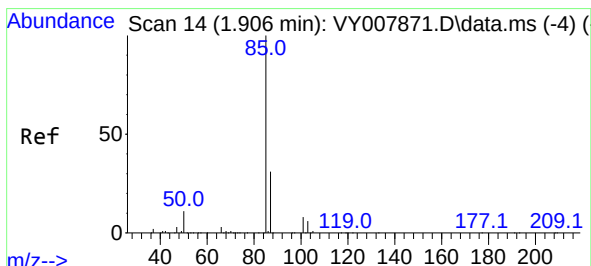
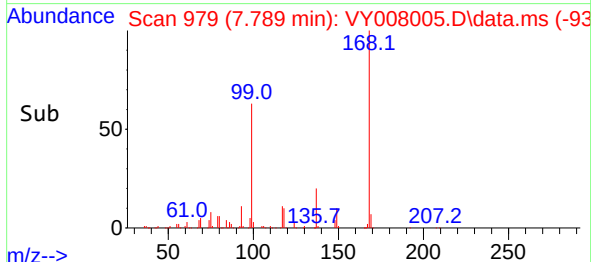
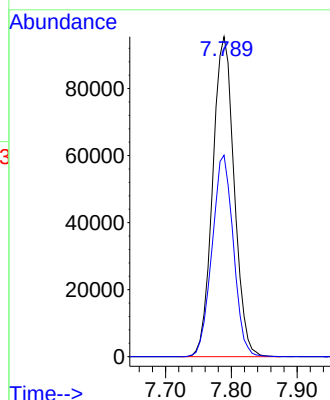
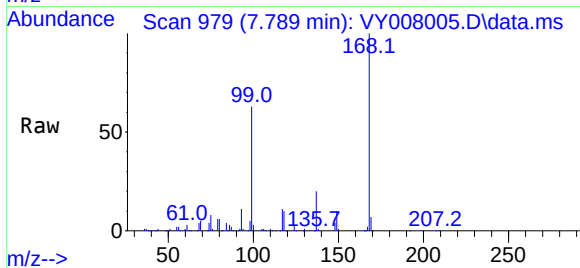




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

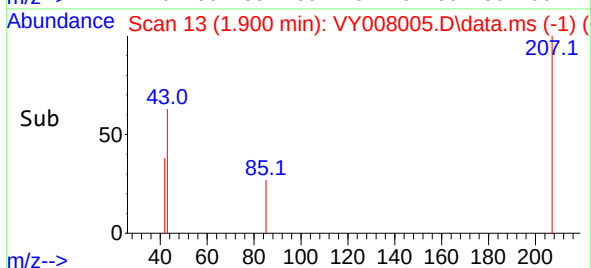
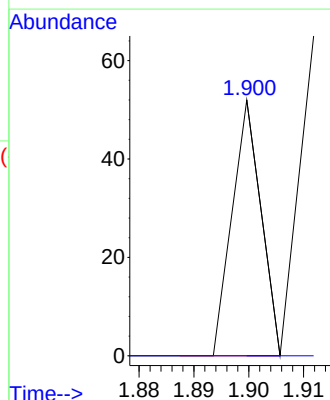
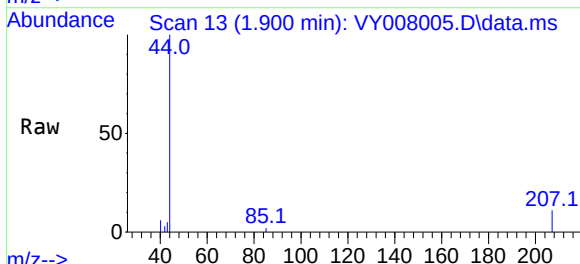
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

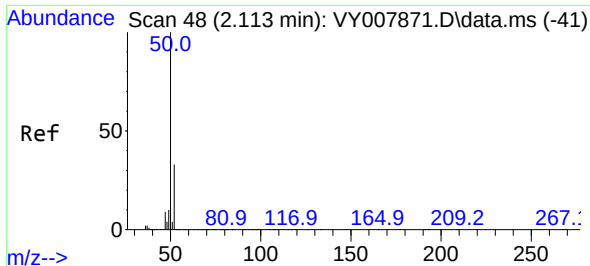
Tgt Ion:168 Resp: 217099
Ion Ratio Lower Upper
168 100
99 63.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

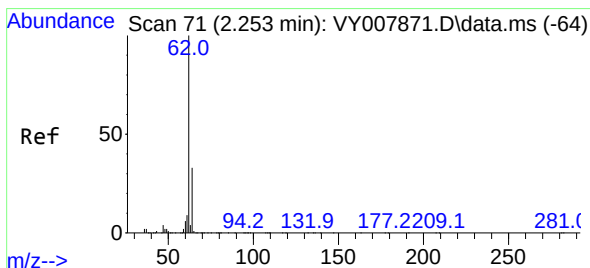
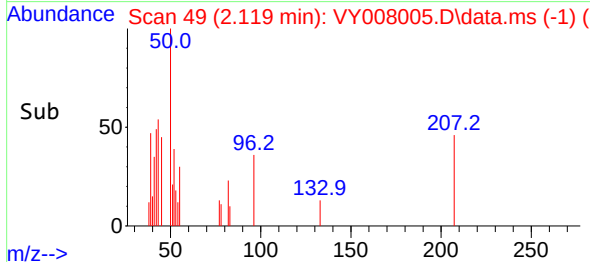
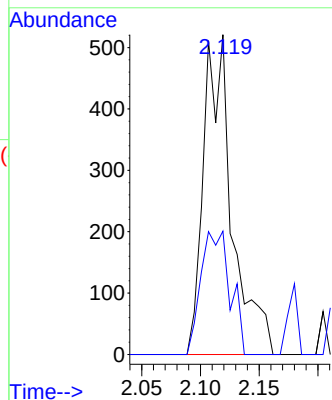
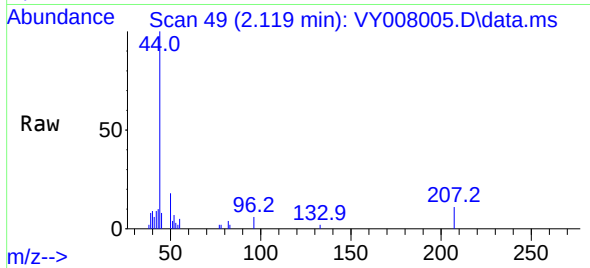




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

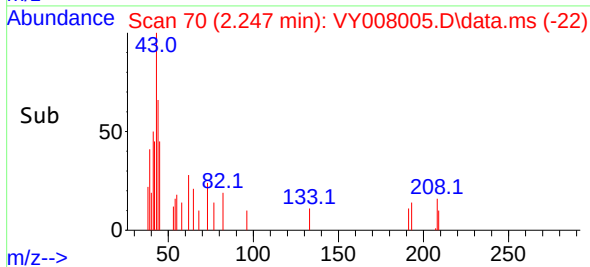
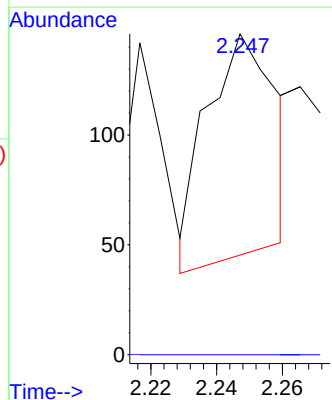
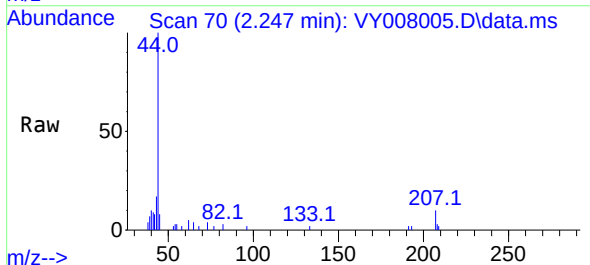
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

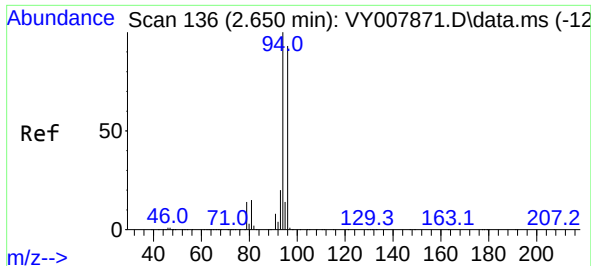
Tgt Ion: 50 Resp: 875
Ion Ratio Lower Upper
50 100
52 38.6 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 62 Resp: 147
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

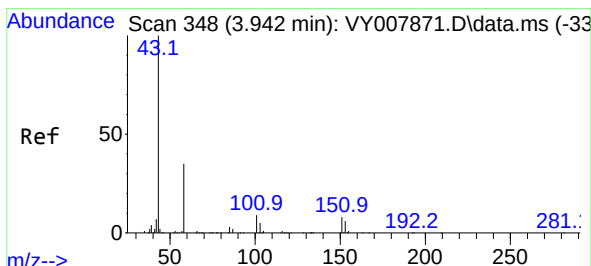
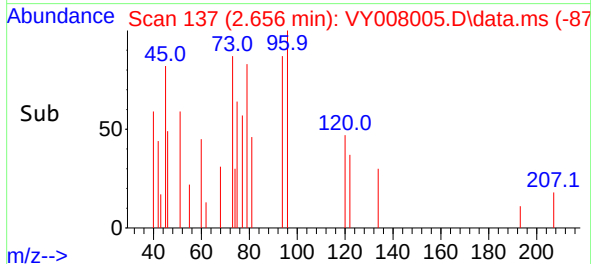
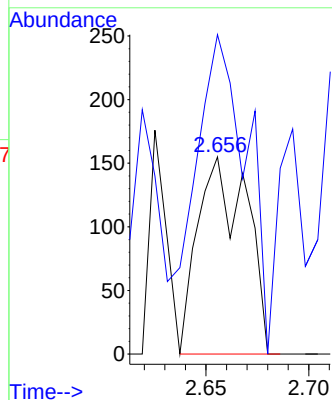
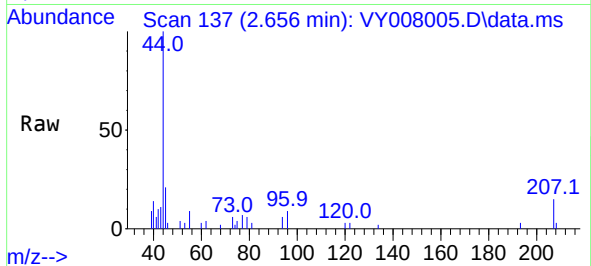




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

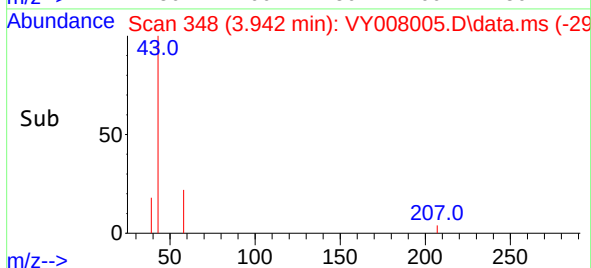
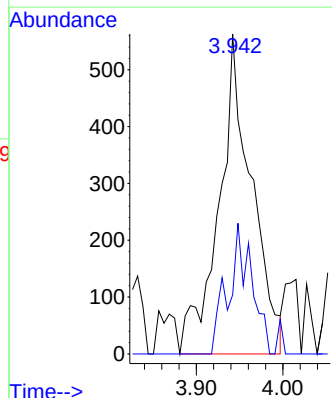
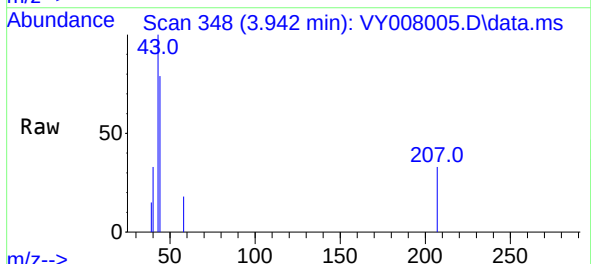
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

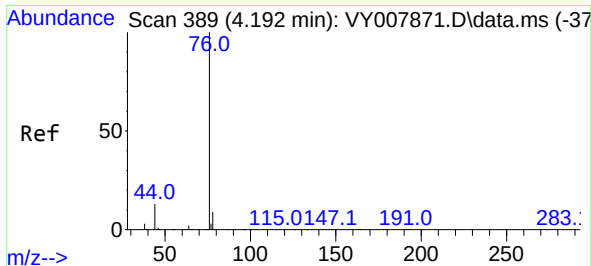
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 118.1 73.5 110.3#



#16
Acetone
Concen: 2.245 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#

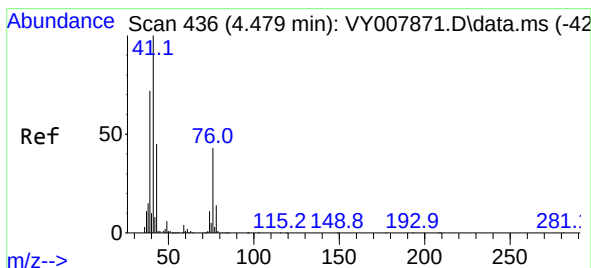
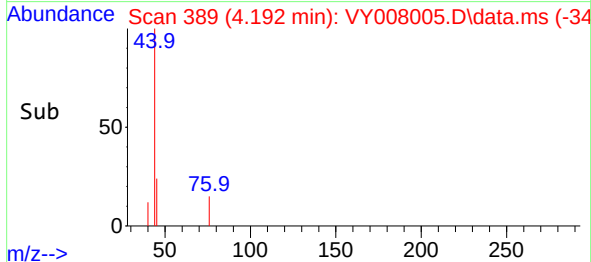
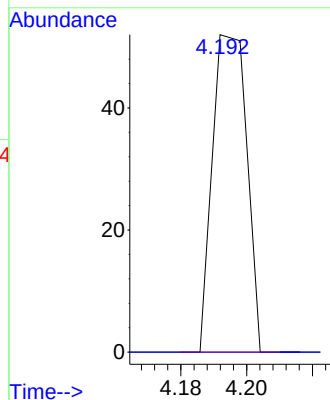
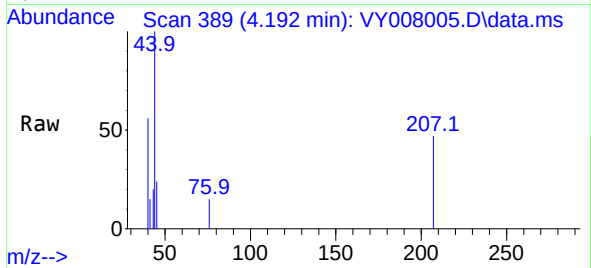




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

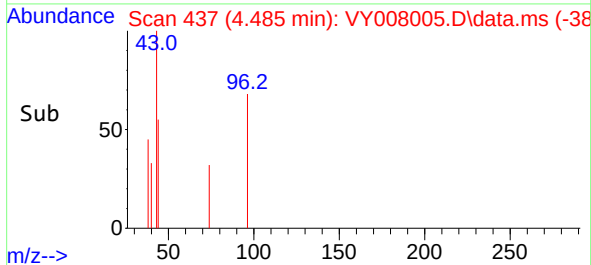
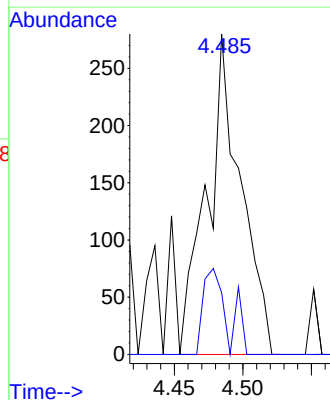
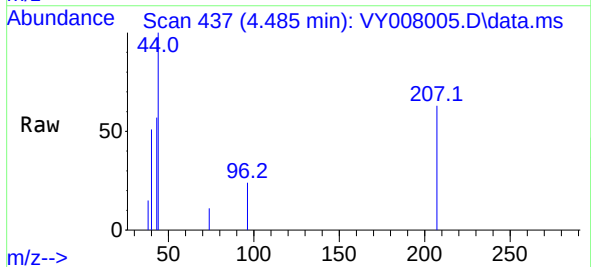
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

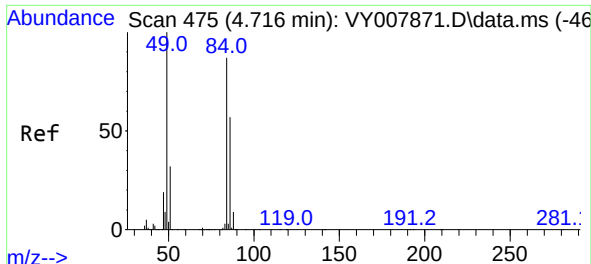
Tgt Ion: 76 Resp: 38
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
74 19.3 16.6 24.8

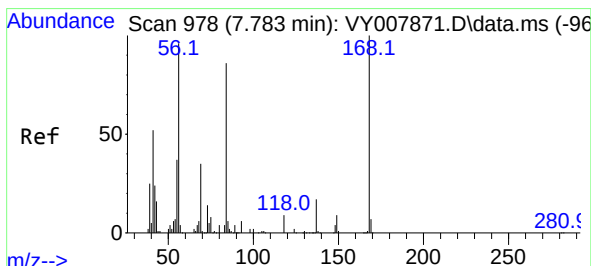
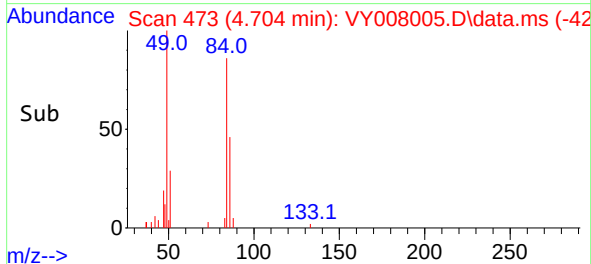
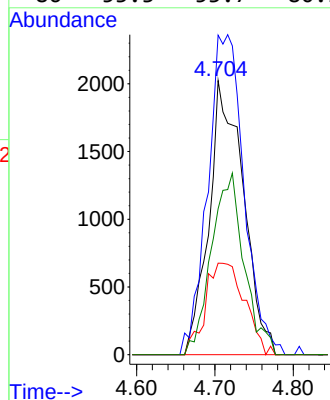
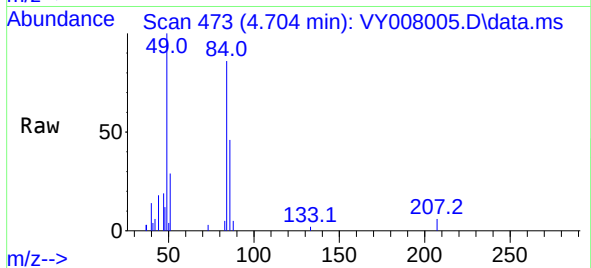




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

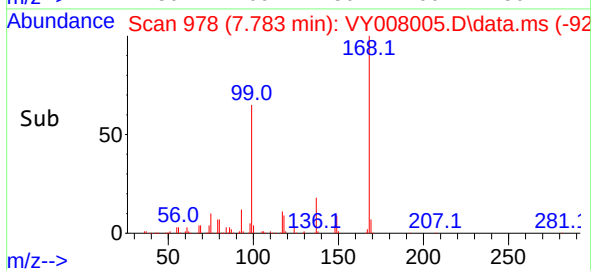
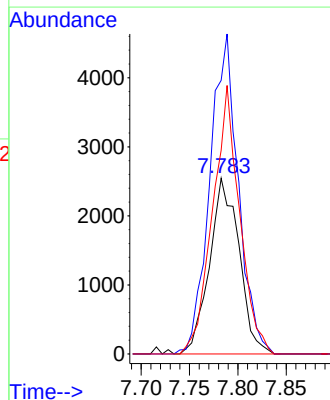
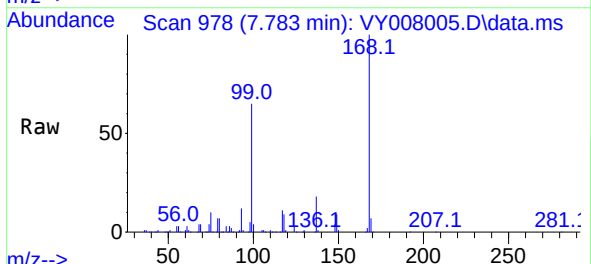
Instrument :
MSVOA_Y
ClientSampleId :
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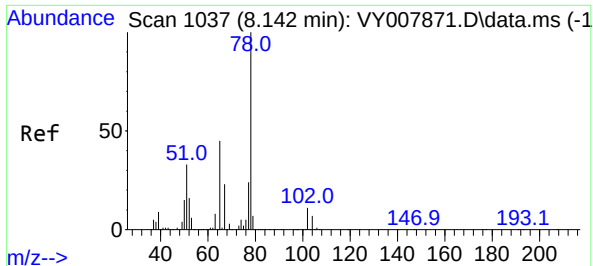
Tgt Ion: 84 Resp: 6150
Ion Ratio Lower Upper
84 100
49 116.6 114.4 171.6
51 33.4 35.3 52.9#
86 53.3 53.7 80.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 56 Resp: 5407
Ion Ratio Lower Upper
56 100
69 155.7 26.7 40.1#
84 116.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.862 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008005.D

Acq: 22 Mar 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

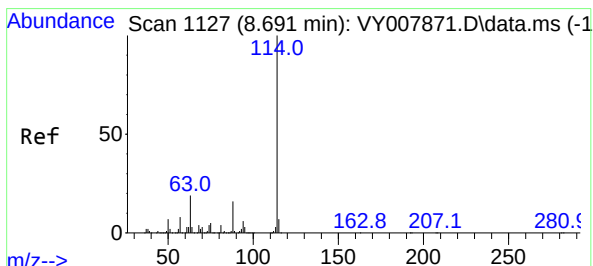
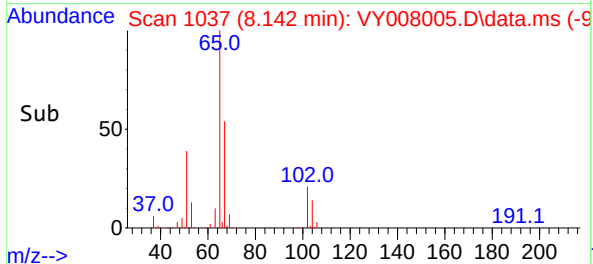
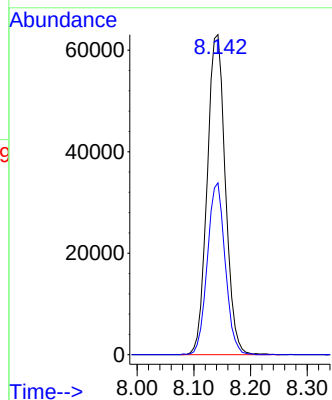
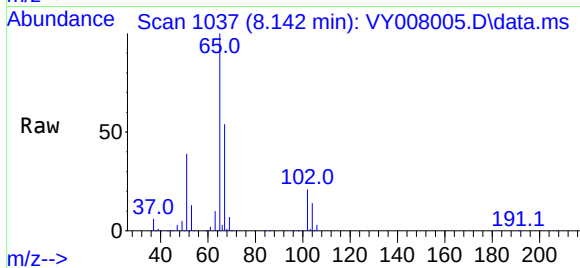
VIBLK

Tgt Ion: 65 Resp: 140752

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008005.D

Acq: 22 Mar 2022 17:05

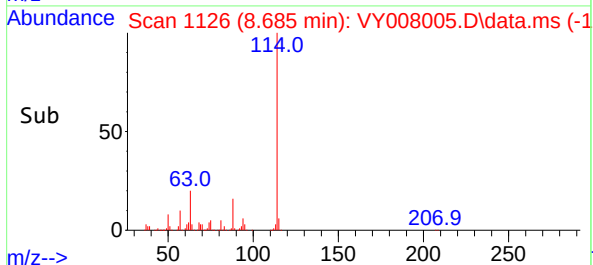
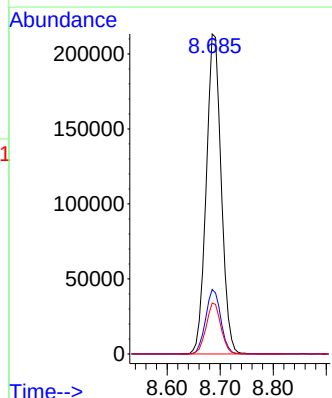
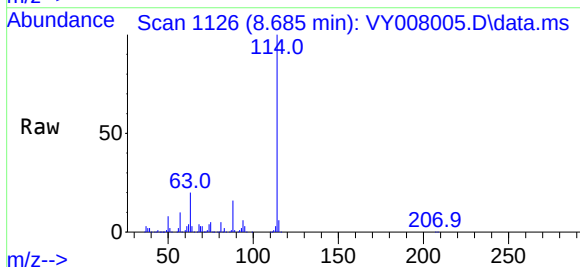
Tgt Ion: 114 Resp: 417199

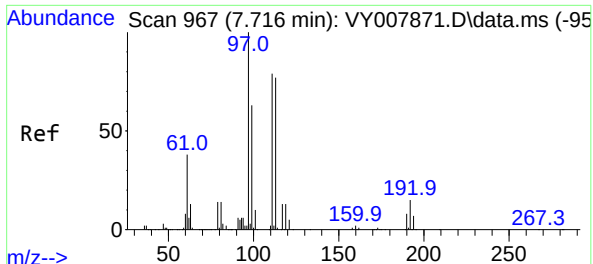
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.9 0.0 31.8

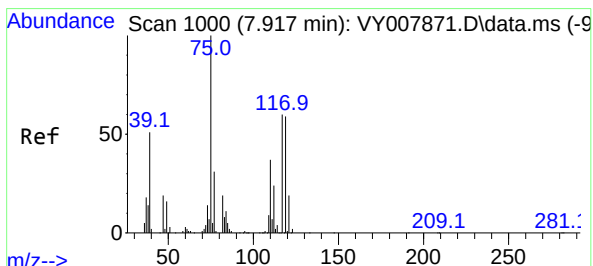
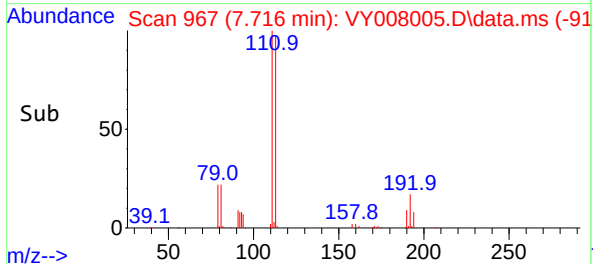
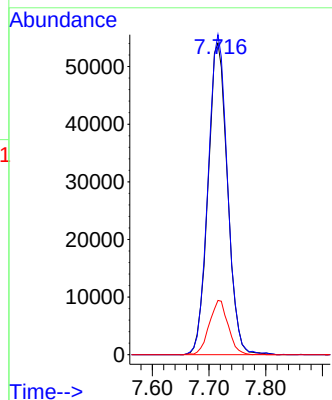
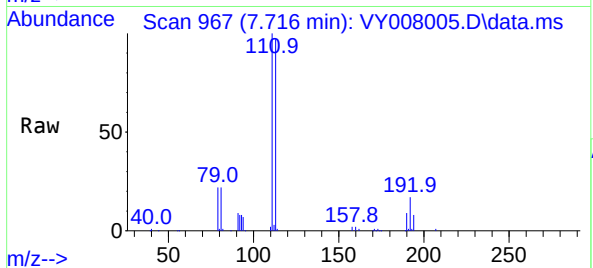




#35
Dibromofluoromethane
Concen: 44.030 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

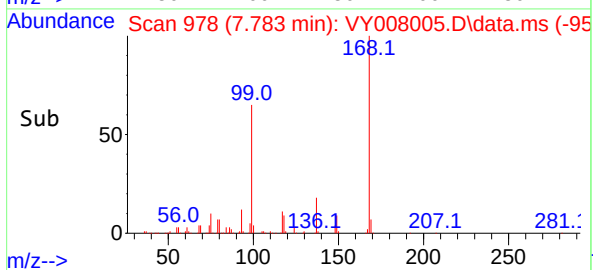
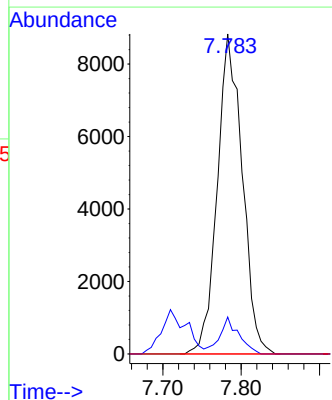
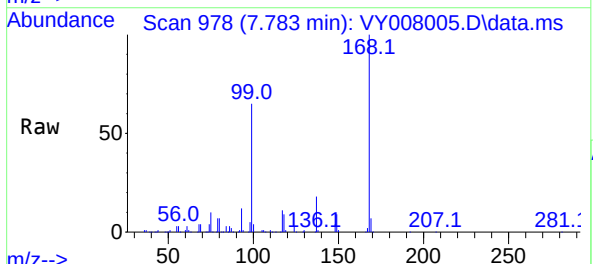
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

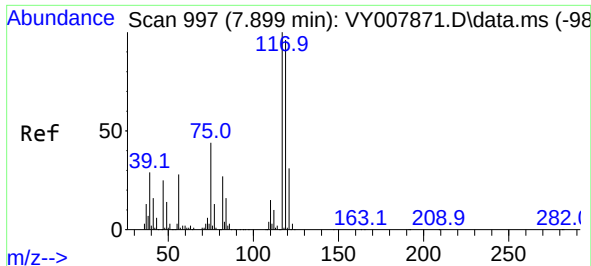
Tgt Ion:113 Resp: 129007
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 16.8 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 75 Resp: 19515
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

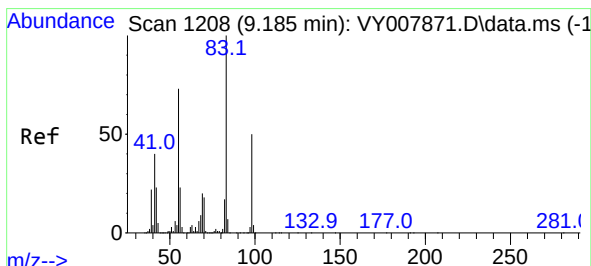
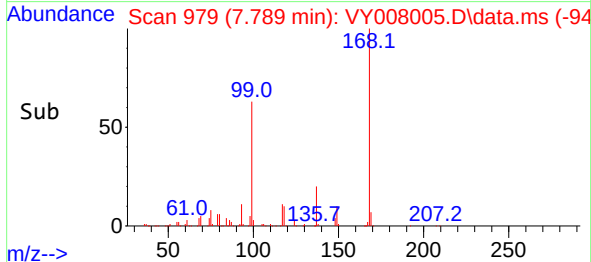
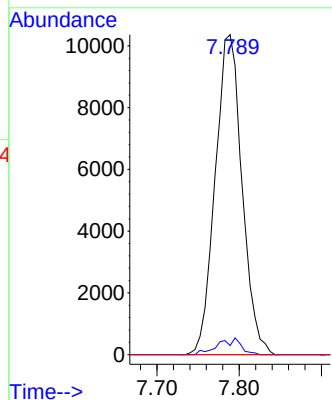
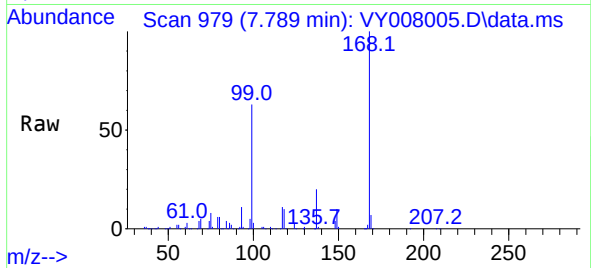




#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

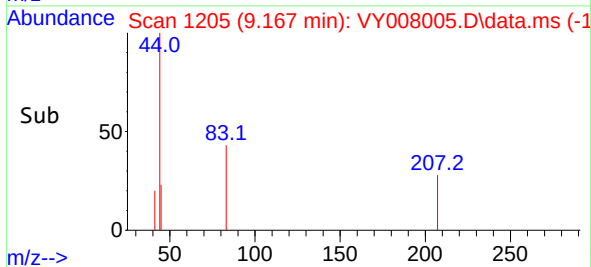
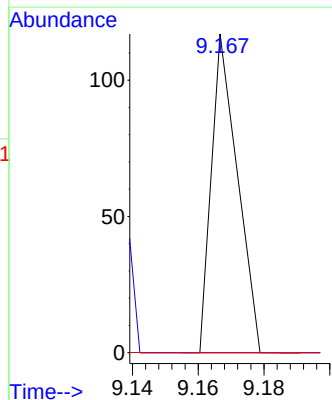
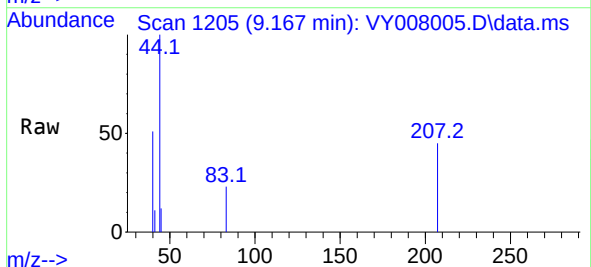
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

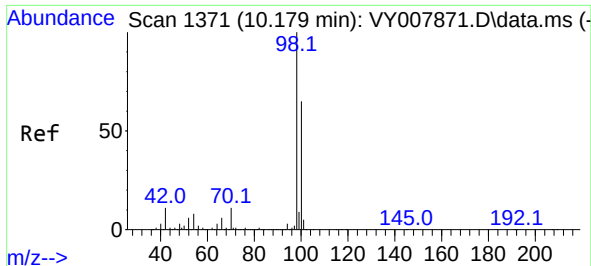
Tgt Ion:117 Resp: 23496
Ion Ratio Lower Upper
117 100
119 2.9 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.167 min Scan# 1205
Delta R.T. -0.019 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.9 56.9#

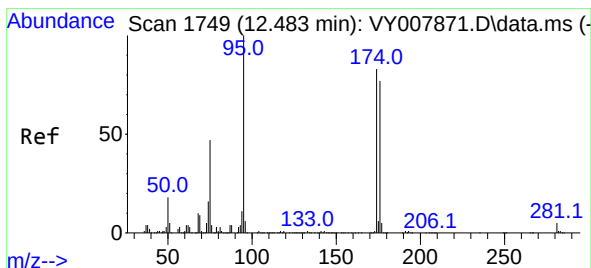
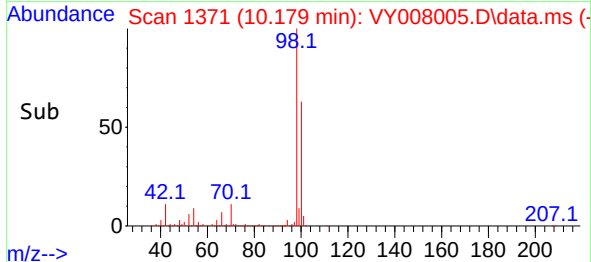
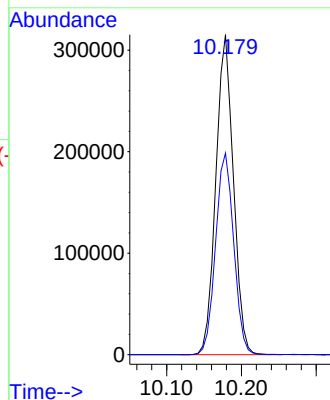
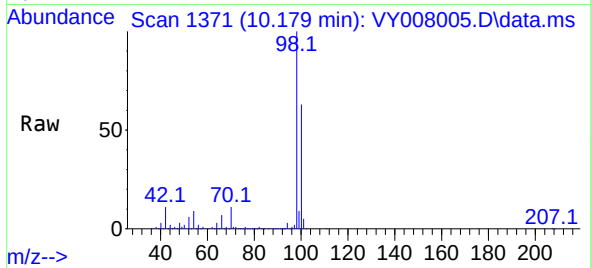




#50
Toluene-d8
Concen: 59.443 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

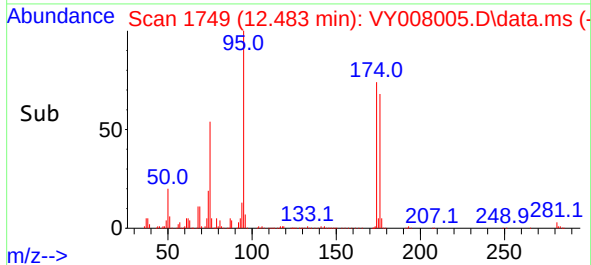
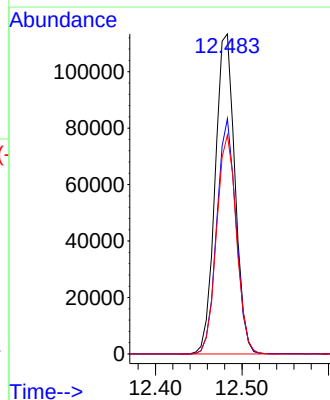
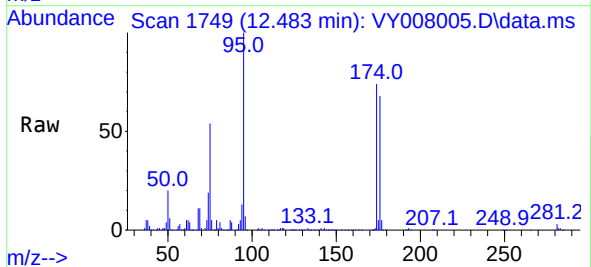
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

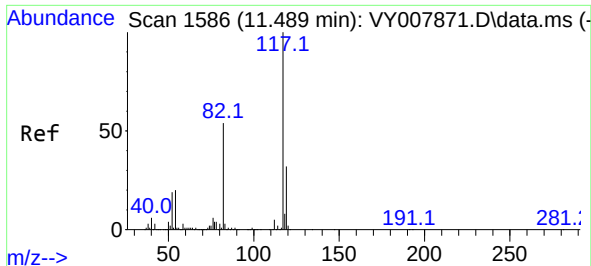
Tgt Ion: 98 Resp: 516108
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 95 Resp: 179976
Ion Ratio Lower Upper
95 100
174 71.4 0.0 177.0
176 68.5 0.0 175.8



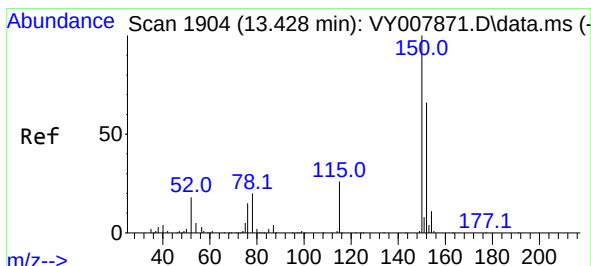
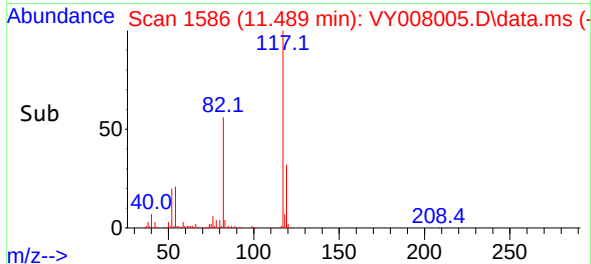
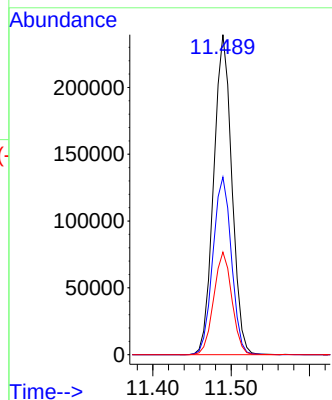
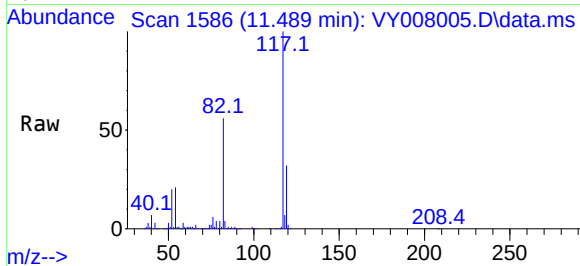


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 386421

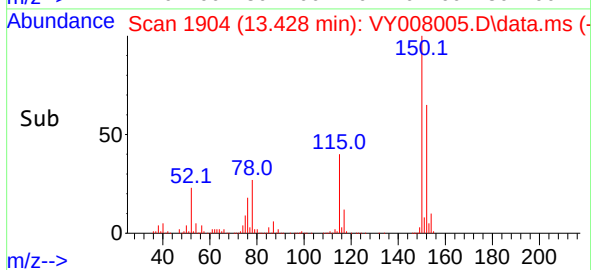
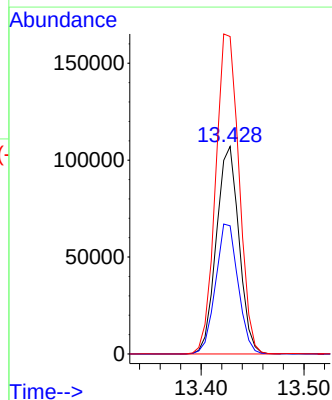
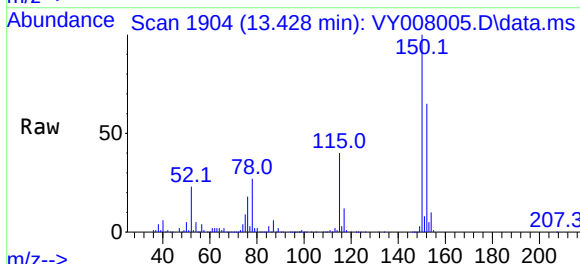
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.4
119	32.1	25.4	38.0

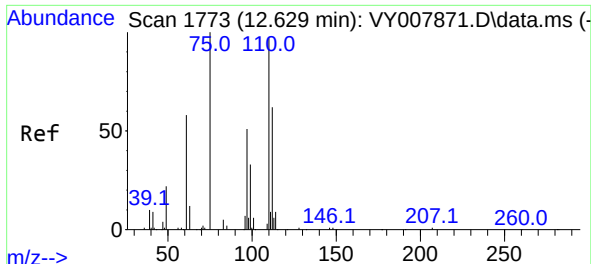


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion:152 Resp: 163776

Ion	Ratio	Lower	Upper
152	100		
115	62.4	28.2	84.7
150	158.9	0.0	347.6

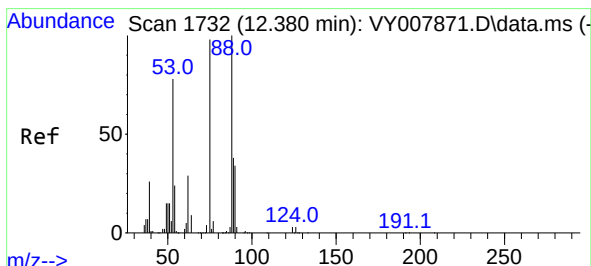
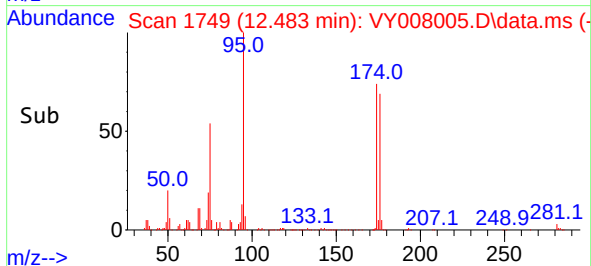
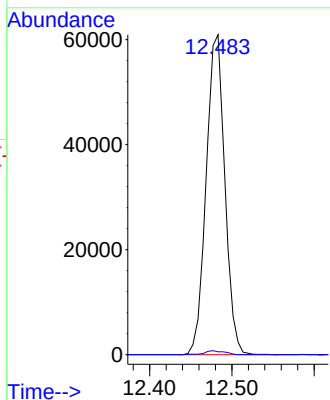
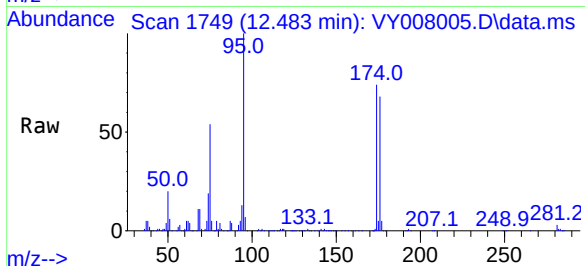




#76
1,2,3-Trichloropropane
Concen: 41.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 96106
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008005.D
Acq: 22 Mar 2022 17:05

Tgt Ion: 75 Resp: 96106
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

