

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008506.D
 Acq On : 26 Apr 2022 16:03
 Operator : KP/MD
 Sample : N2559-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10S

Quant Time: Apr 27 01:23:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

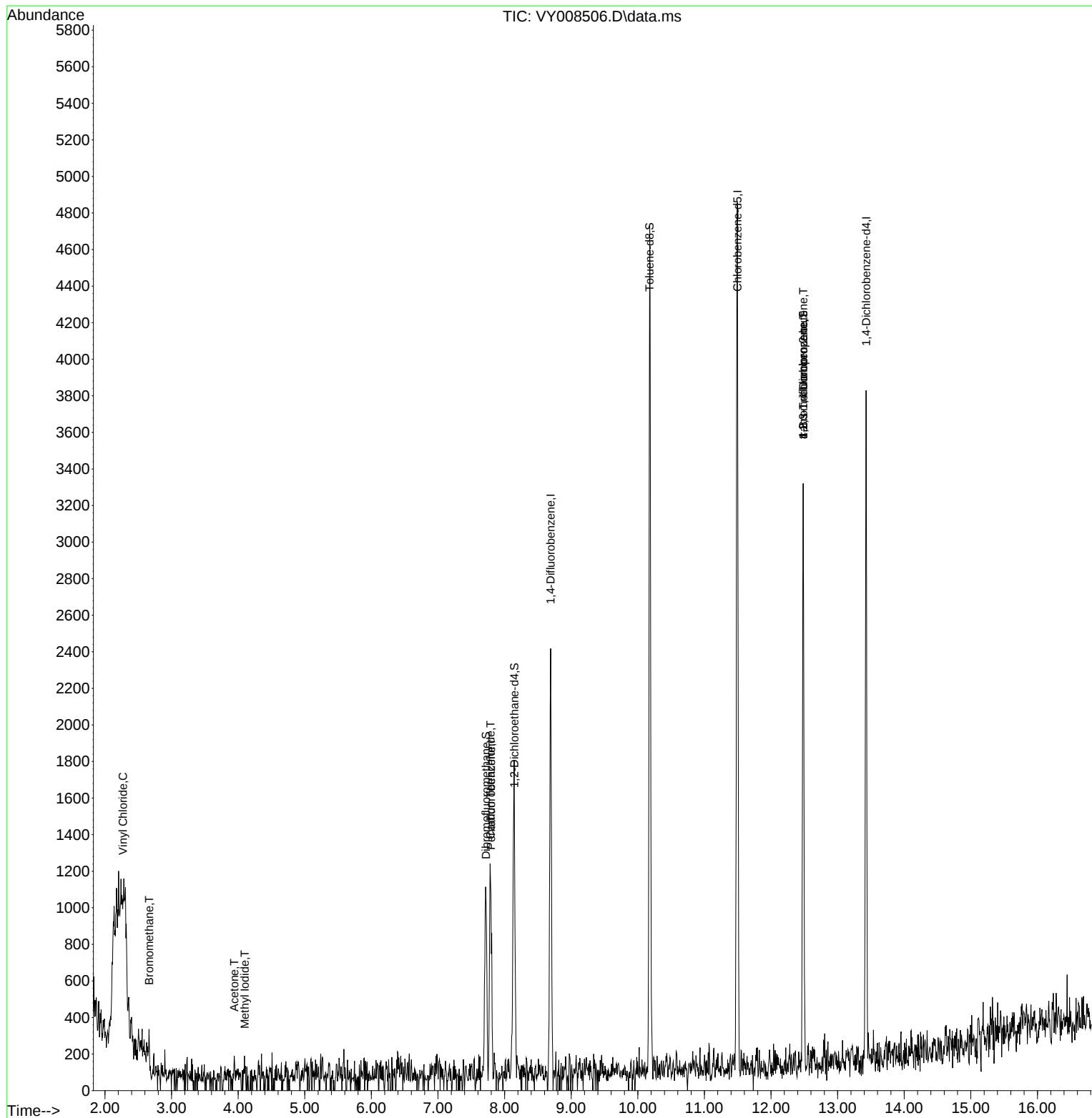
Internal Standards						
1) Pentafluorobenzene	7.795	168	1321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3143	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1327	85.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.740%#	
35) Dibromofluoromethane	7.722	113	946	57.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.480%	
50) Toluene-d8	10.178	98	3252	49.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.483	95	1125	50.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.271	62	41	1.672	ug/l #	43
5) Bromomethane	2.662	94	60	2.631	ug/l #	77
10) Methyl Iodide	4.100	142	62	4.698	ug/l #	35
16) Acetone	3.942	43	85	23.479	ug/l #	47
38) Carbon Tetrachloride	7.789	117	42	1.538	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	601	49.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	601	114.977	ug/l #	7

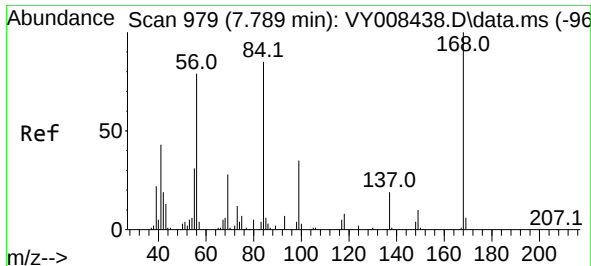
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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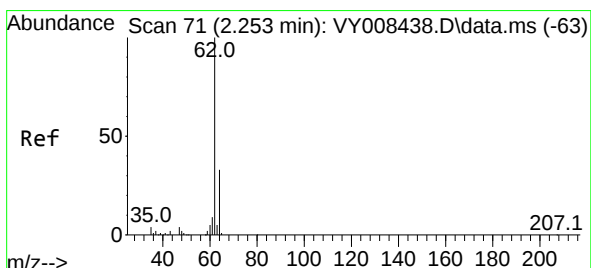
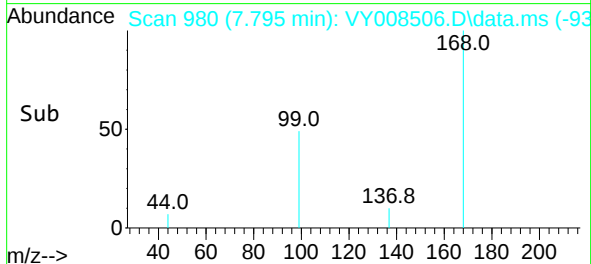
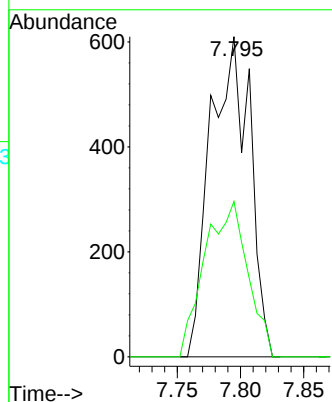
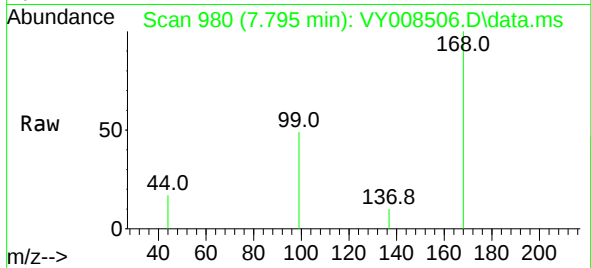




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

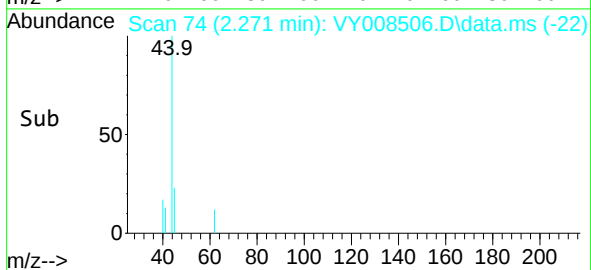
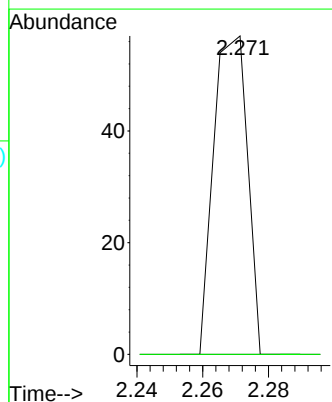
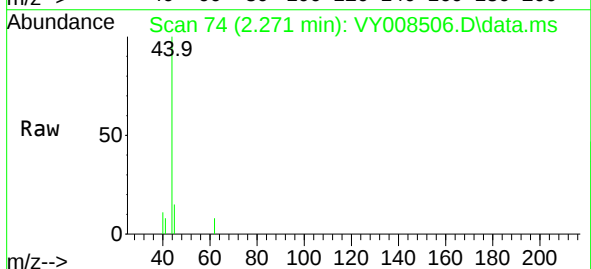
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

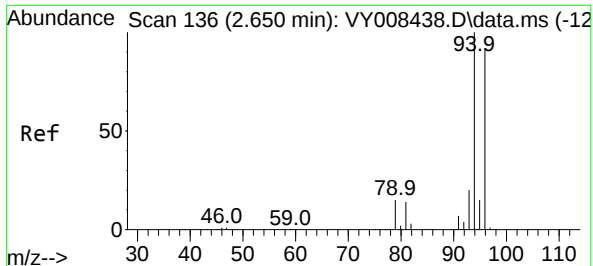
Tgt Ion:168 Resp: 1321
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#4
Vinyl Chloride
Concen: 1.672 ug/l
RT: 2.271 min Scan# 74
Delta R.T. 0.018 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion: 62 Resp: 41
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

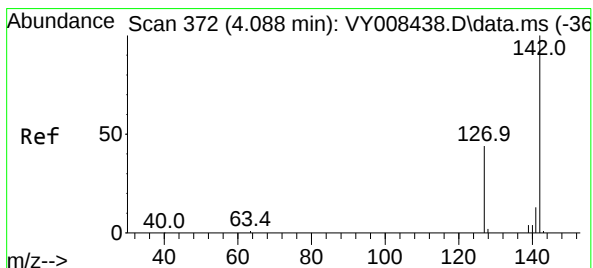
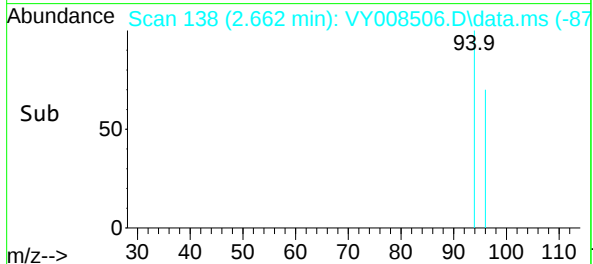
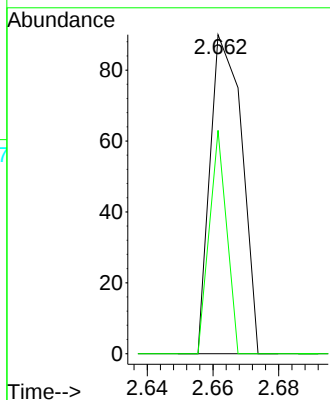
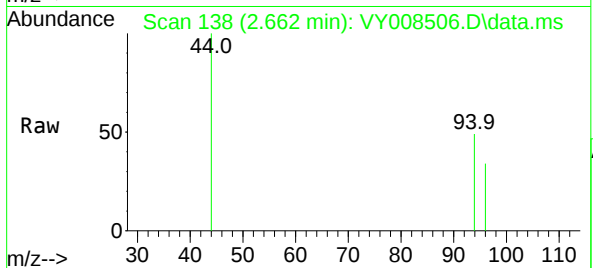




#5
Bromomethane
Concen: 2.631 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

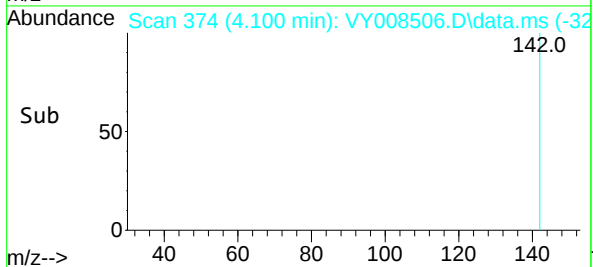
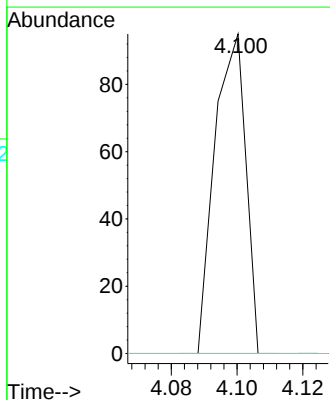
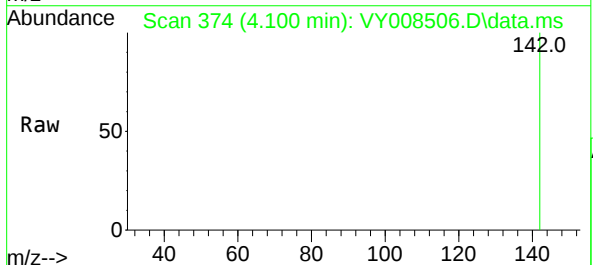
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

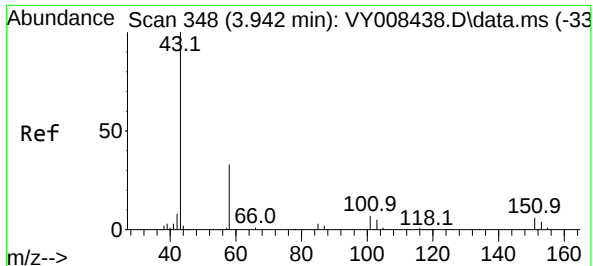
Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 70.0 73.5 110.3#



#10
Methyl Iodide
Concen: 4.698 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

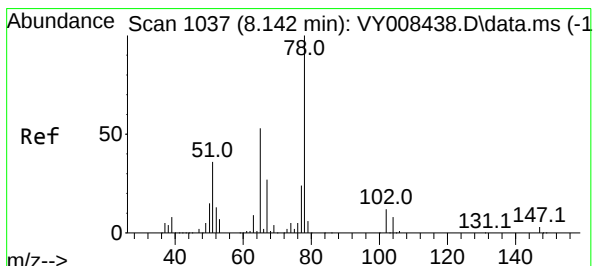
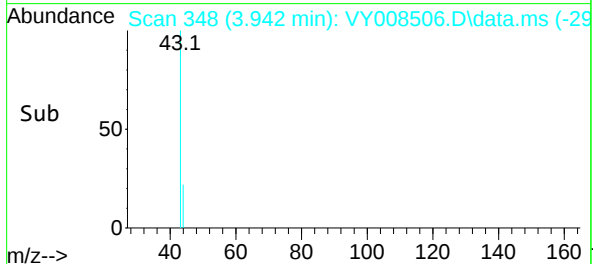
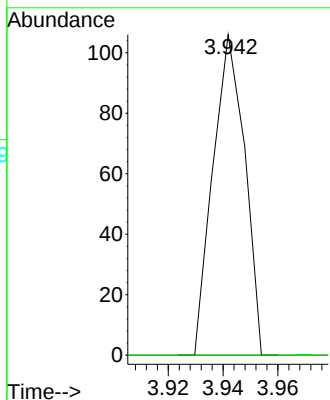
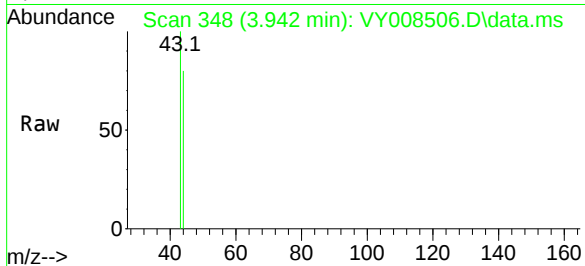




#16
Acetone
Concen: 23.479 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

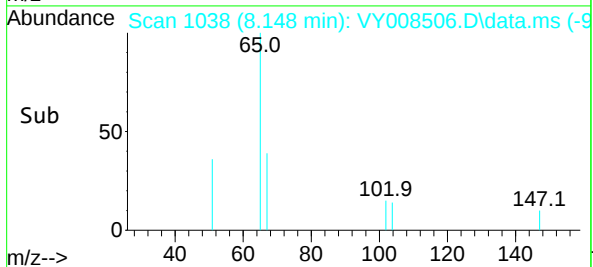
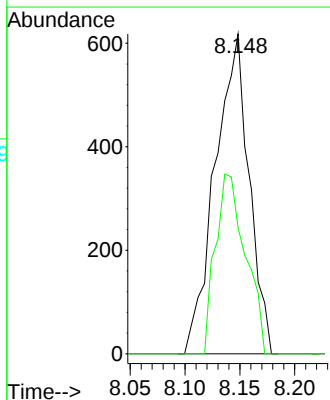
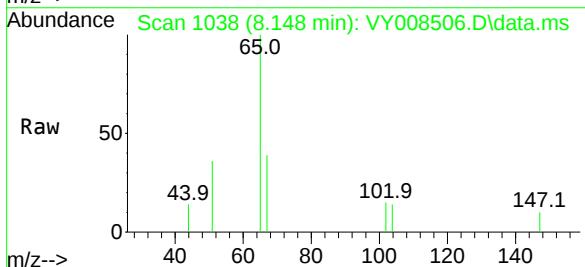
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

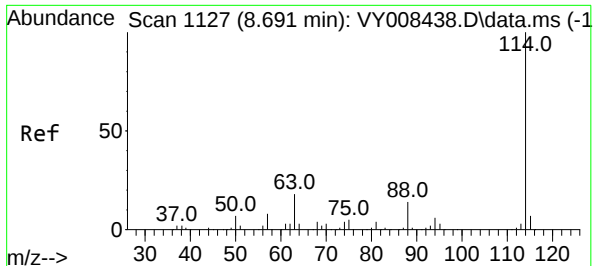
Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 85.375 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion: 65 Resp: 1327
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008506.D

Acq: 26 Apr 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

MH-10S

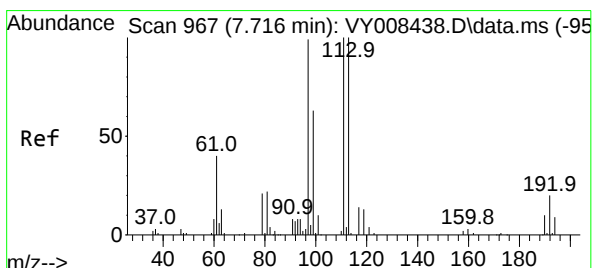
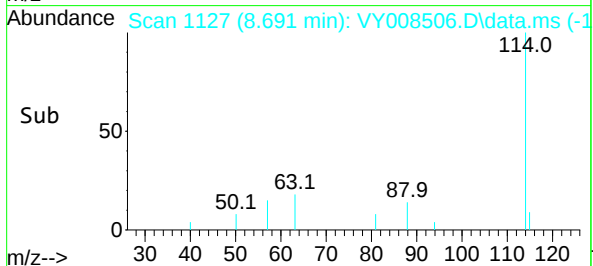
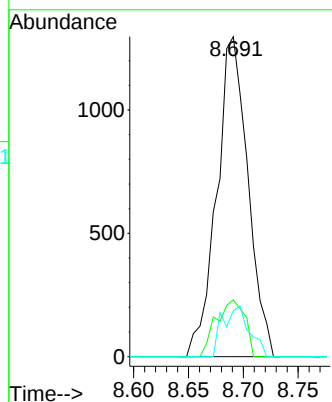
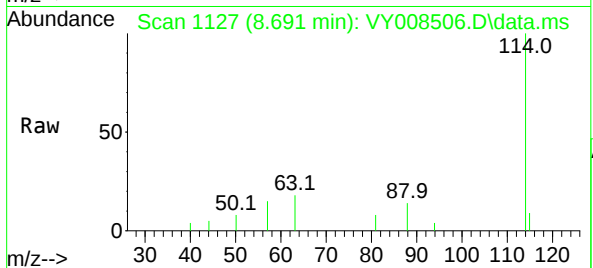
Tgt Ion:114 Resp: 2561

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.235 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008506.D

Acq: 26 Apr 2022 16:03

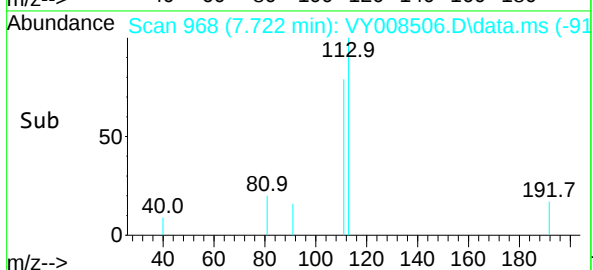
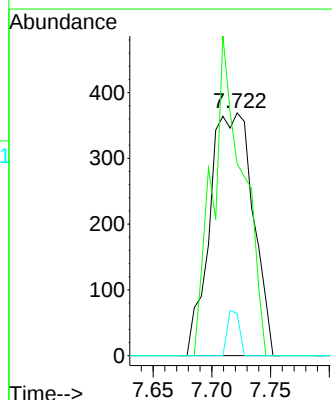
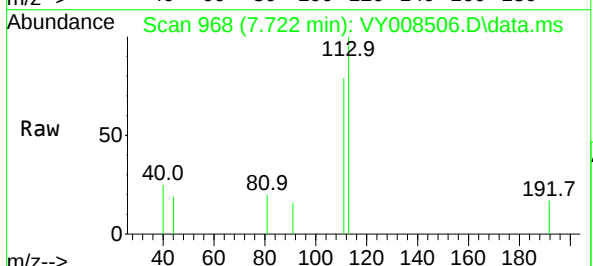
Tgt Ion:113 Resp: 946

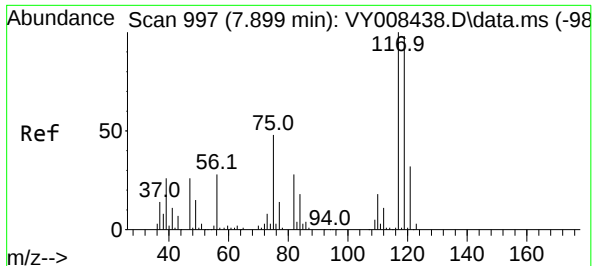
Ion Ratio Lower Upper

113 100

111 92.6 82.6 124.0

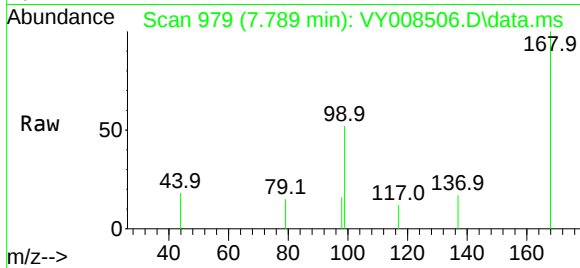
192 5.2 17.6 26.4#



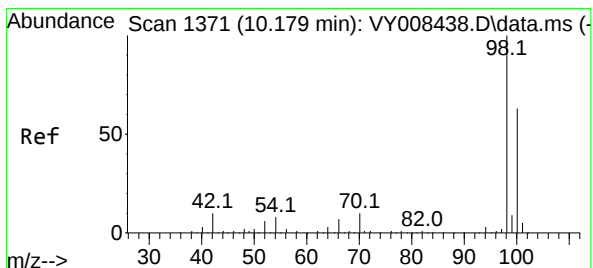
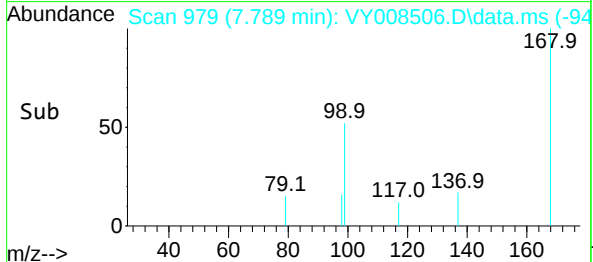
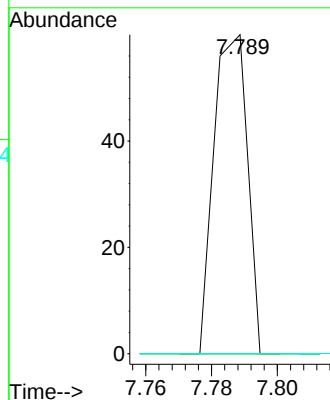


#38
Carbon Tetrachloride
Concen: 1.538 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

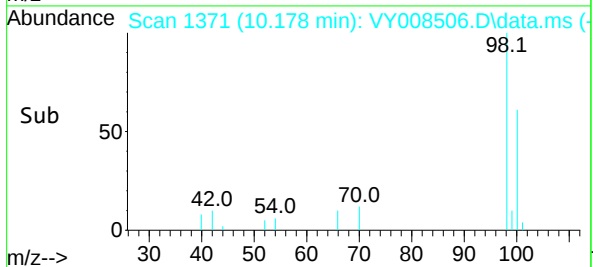
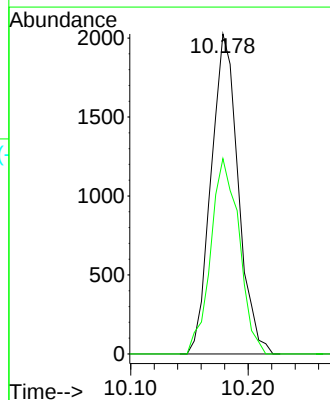
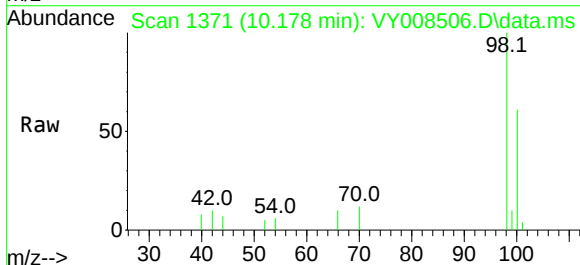


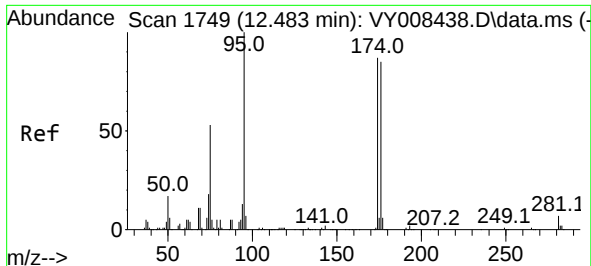
Tgt Ion:117 Resp: 42
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.399 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion: 98 Resp: 3252
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

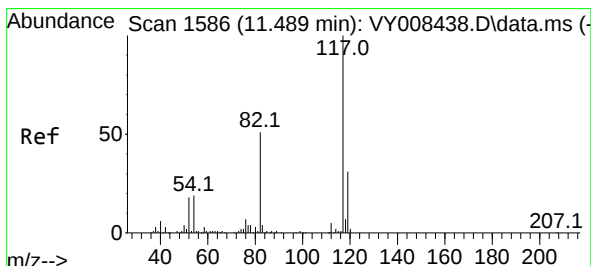
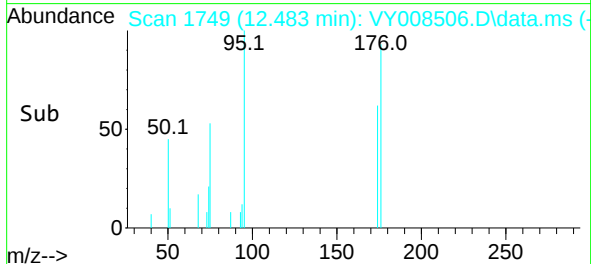
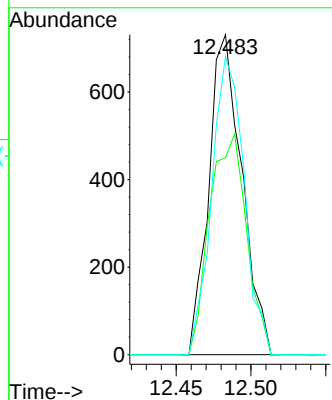
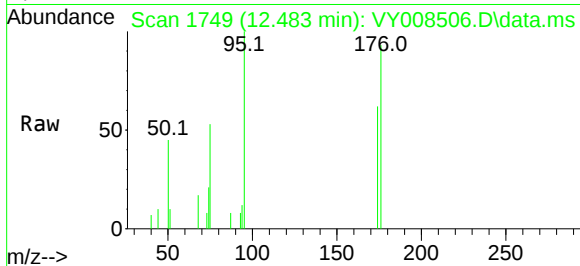




#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.483 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

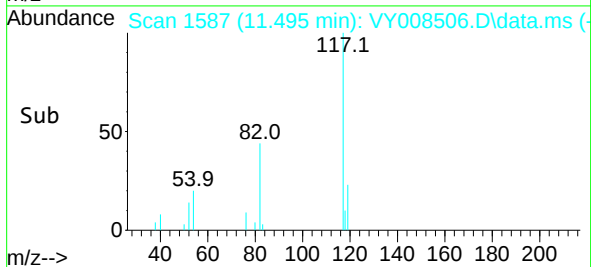
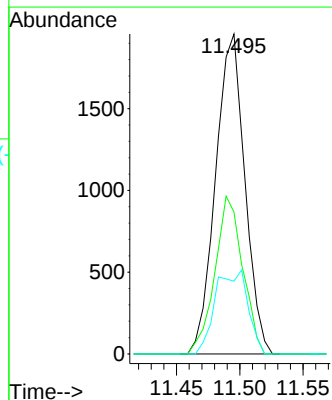
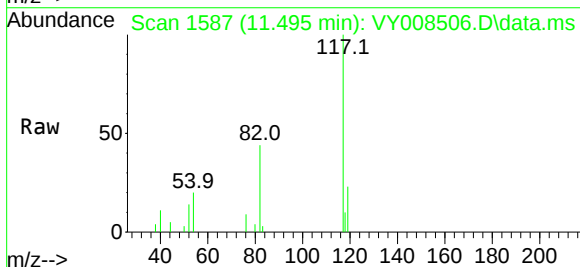
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

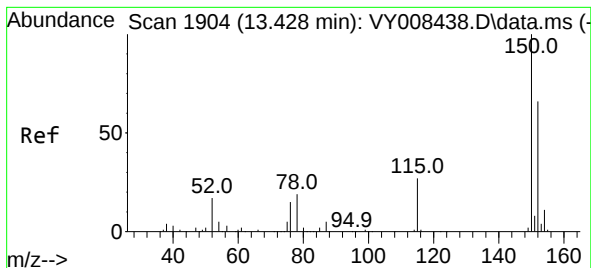
Tgt Ion:	95	Resp:	1125
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	177.0
176	91.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion:	117	Resp:	3143
Ion	Ratio	Lower	Upper
117	100		
82	44.4	43.0	64.4
119	22.7	25.4	38.0

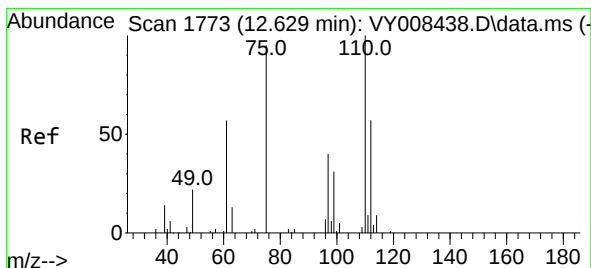
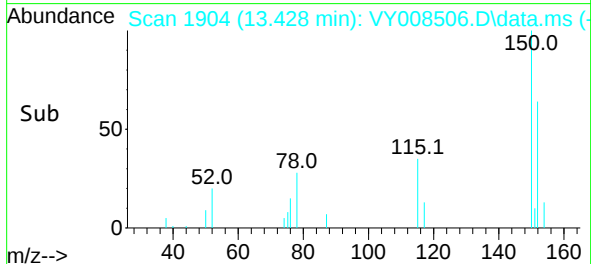
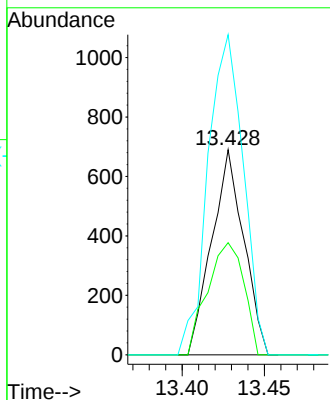
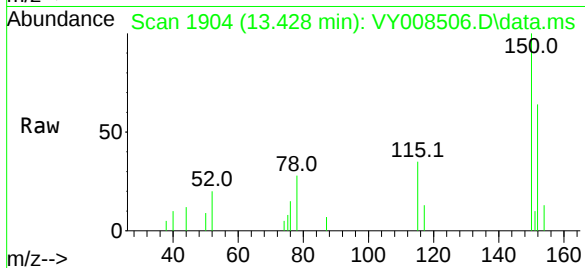




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY008506.D
 Acq: 26 Apr 2022 16:03

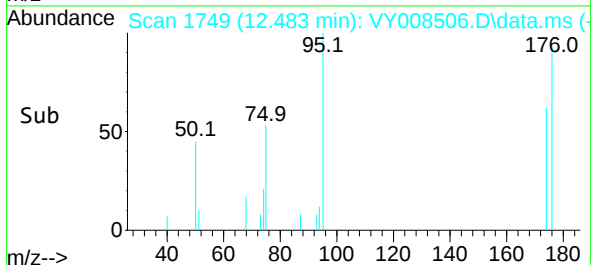
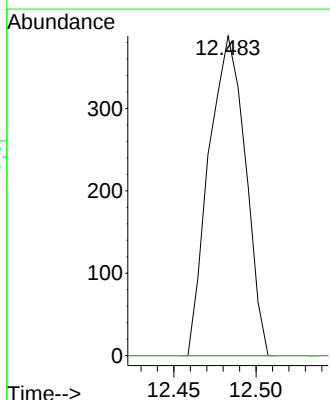
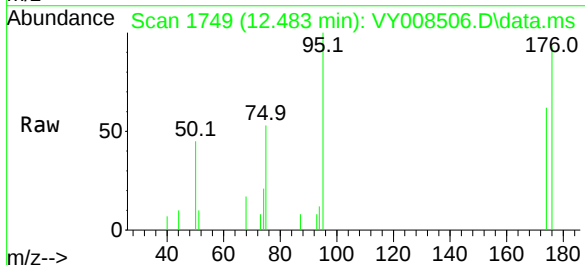
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10S

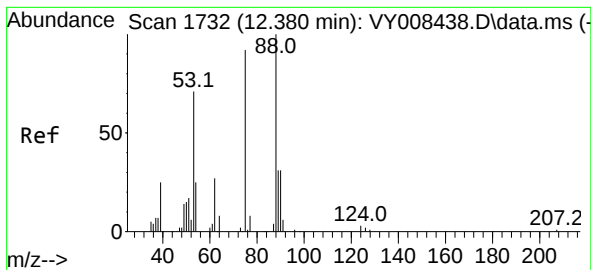
Tgt Ion:152 Resp: 937
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.2 84.7
 150 171.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.562 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008506.D
 Acq: 26 Apr 2022 16:03

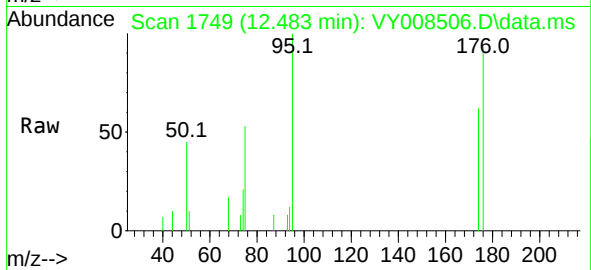
Tgt Ion: 75 Resp: 601
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.977 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008506.D
 Acq: 26 Apr 2022 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10S



Tgt Ion: 75 Resp: 601

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

