

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008683.D
 Acq On : 10 May 2022 16:34
 Operator : KP/MD
 Sample : N2712-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: May 11 04:32:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

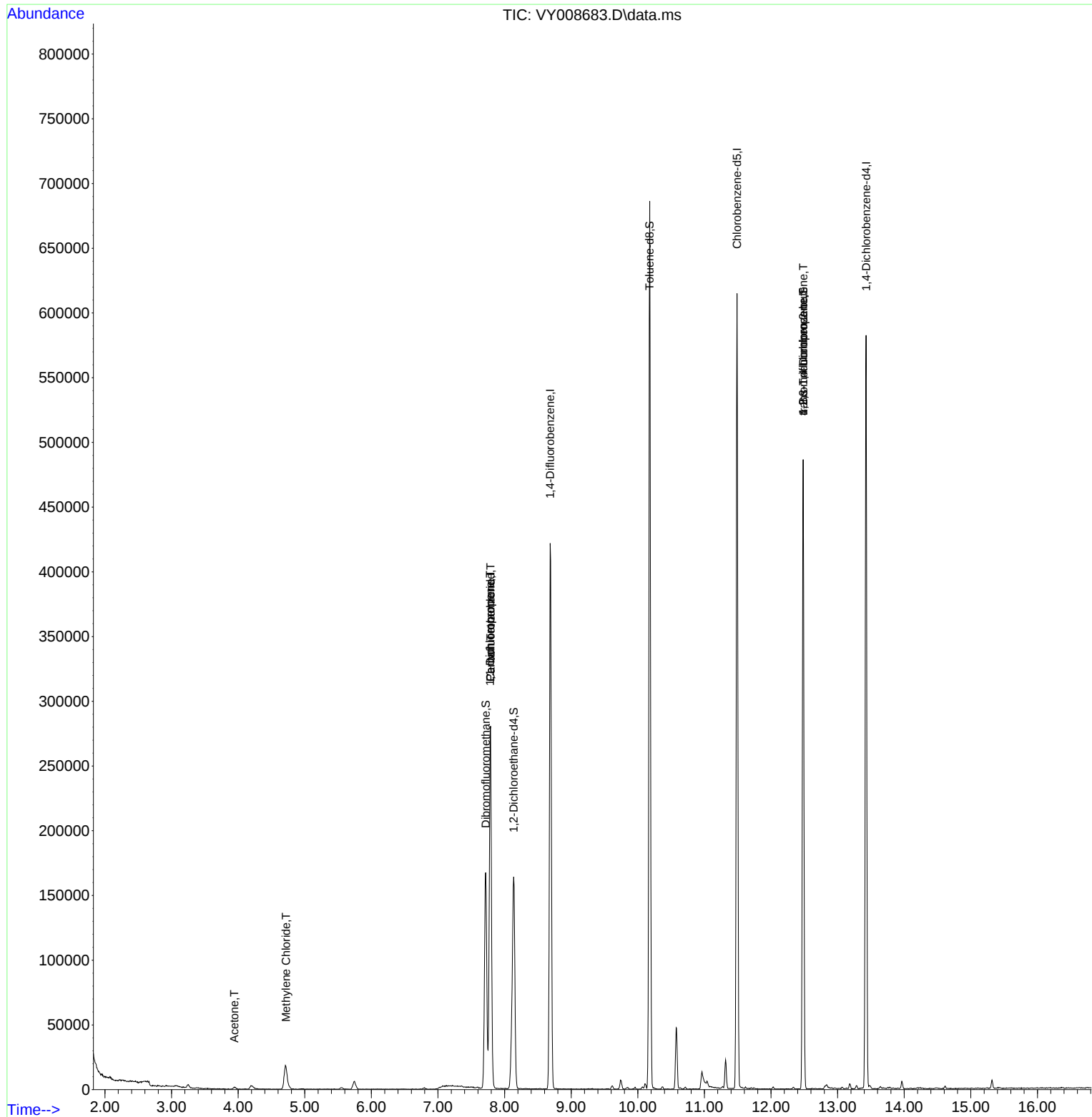
Internal Standards						
1) Pentafluorobenzene	7.789	168	235961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	392081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108576	53.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.716	113	121155	50.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.280%	
50) Toluene-d8	10.179	98	450687	52.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.483	95	144852	47.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	514	Below Cal	#	77
16) Acetone	3.942	43	2653	5.562	ug/l #	59
18) Methyl Acetate	4.472	43	31	Below Cal	#	56
20) Methylene Chloride	4.716	84	15662	5.407	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	16740	4.312	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21473	5.469	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	70388	38.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70388	75.802	ug/l #	7

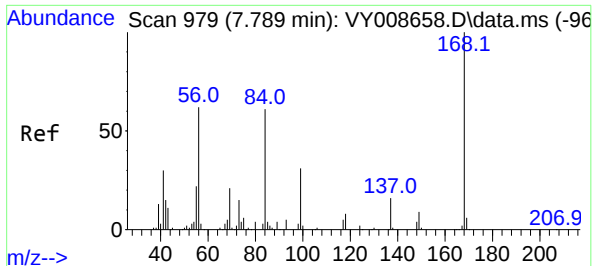
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 11 04:32:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

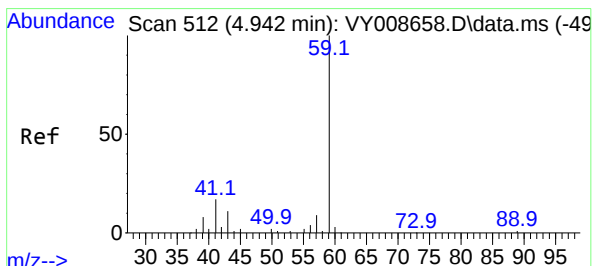
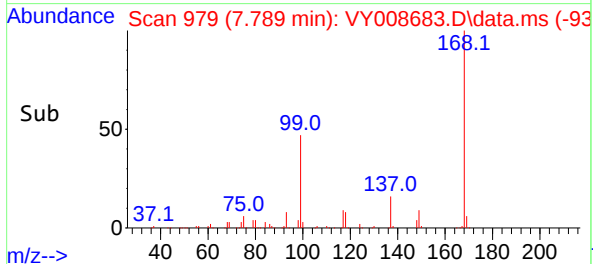
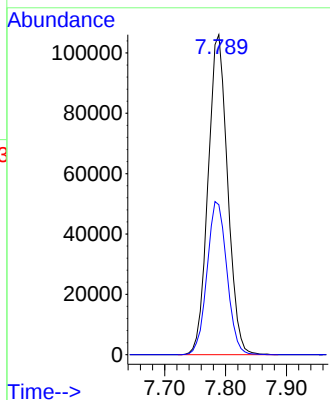
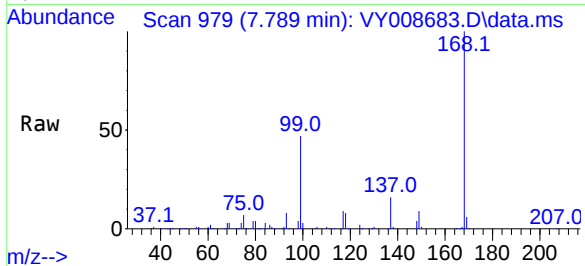




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

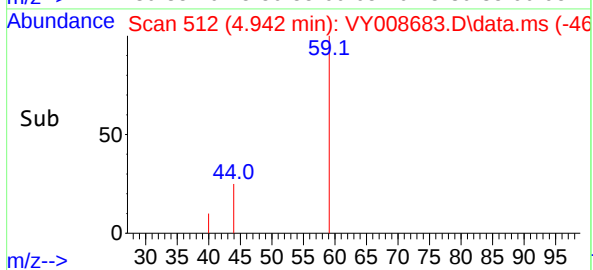
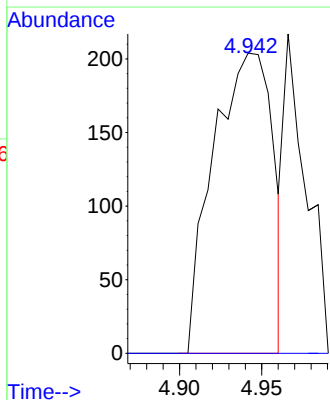
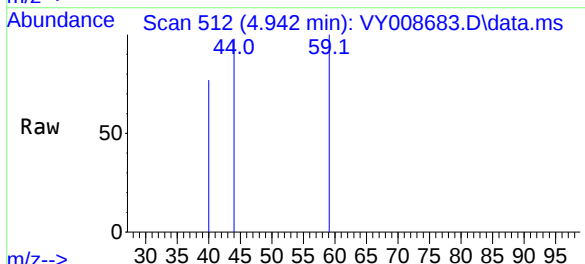
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

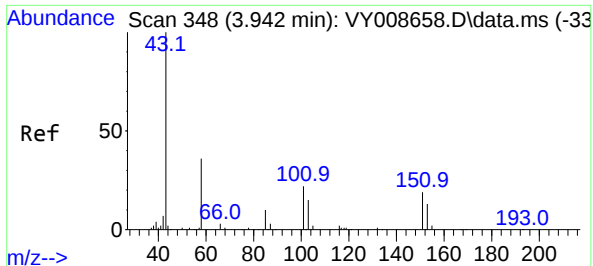
Tgt Ion:168 Resp: 235961
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

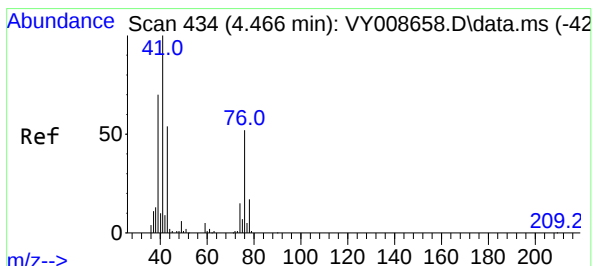
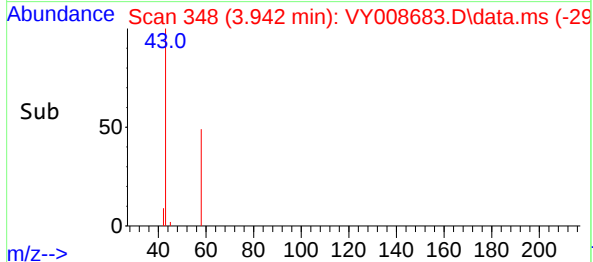
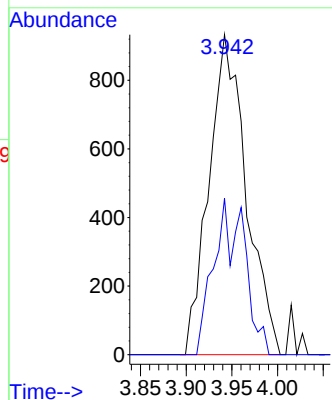
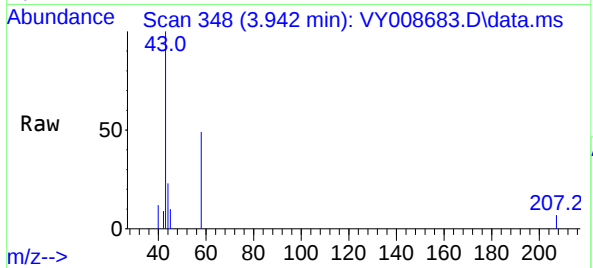




#16
Acetone
Concen: 5.562 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

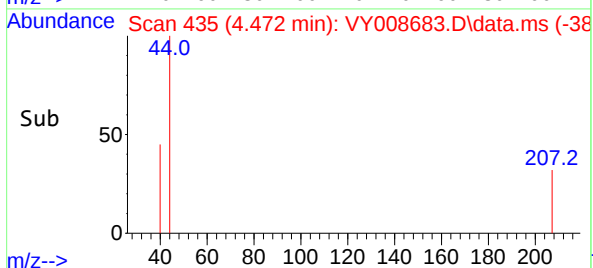
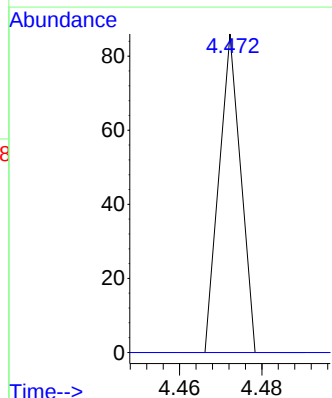
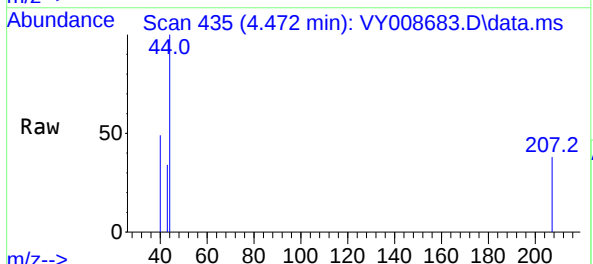
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

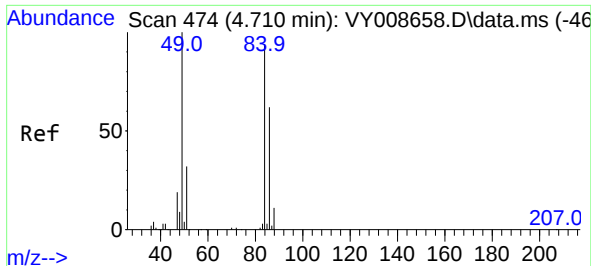
Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
58 48.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

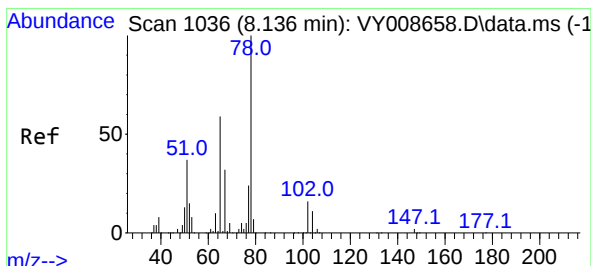
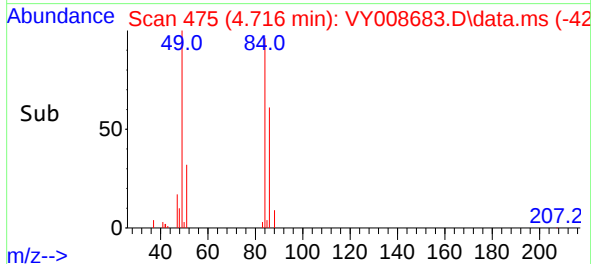
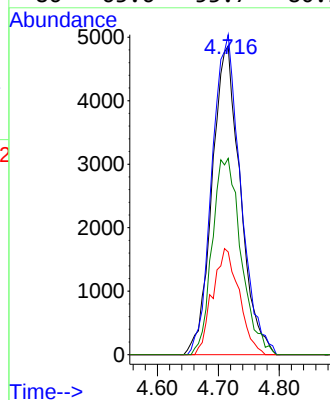
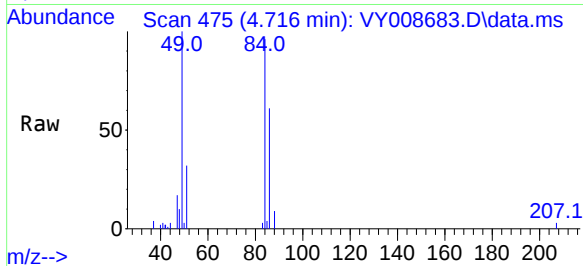




#20
Methylene Chloride
Concen: 5.407 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

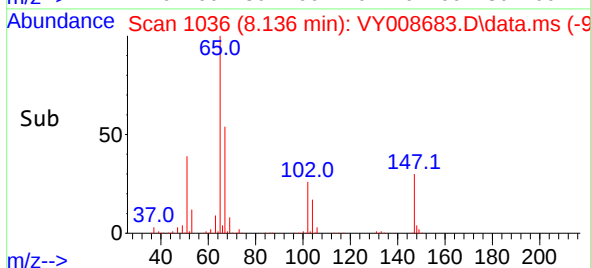
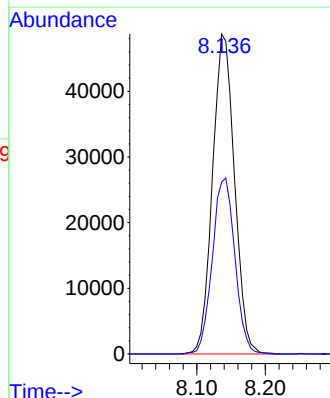
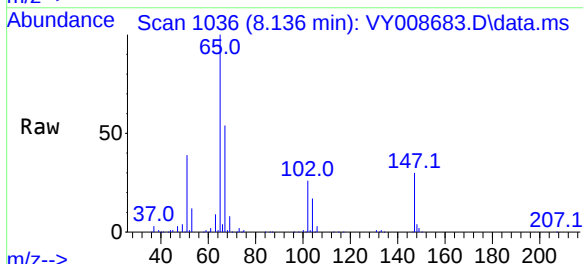
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

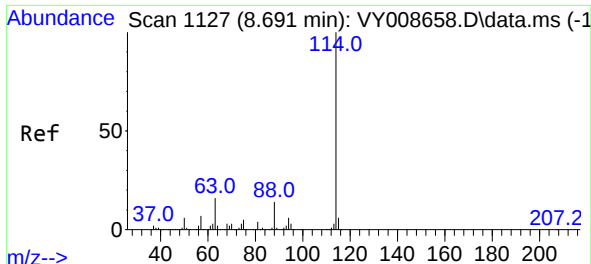
Tgt Ion:	84	Resp:	15662
Ion	Ratio	Lower	Upper
84	100		
49	103.7	114.4	171.6#
51	33.3	35.3	52.9#
86	63.6	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion:	65	Resp:	108576
Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

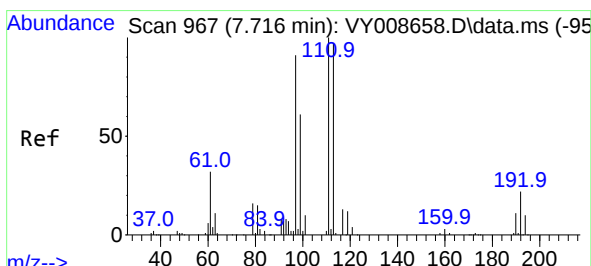
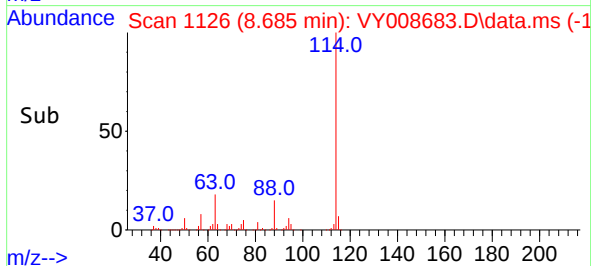
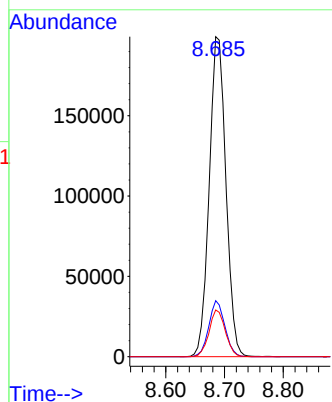
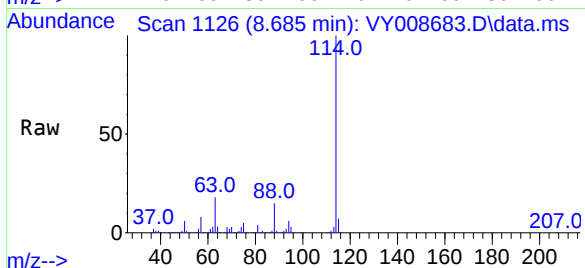
Tgt Ion:114 Resp: 392081

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.143 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

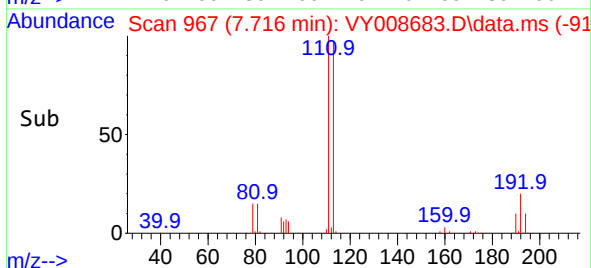
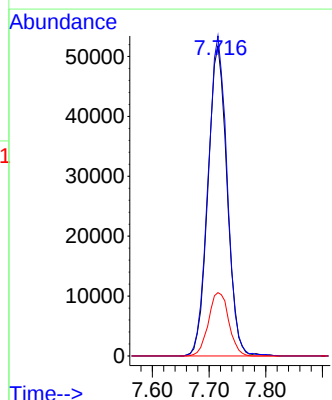
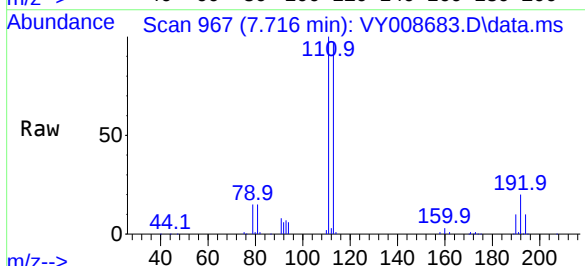
Tgt Ion:113 Resp: 121155

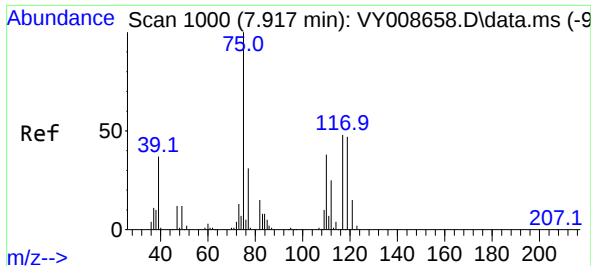
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 21.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.312 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

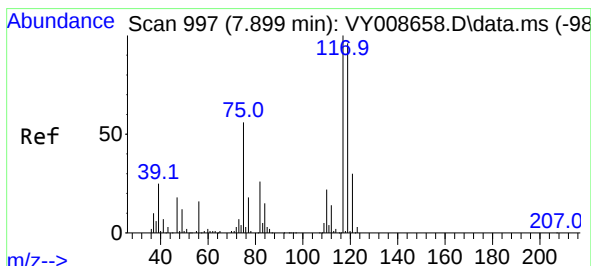
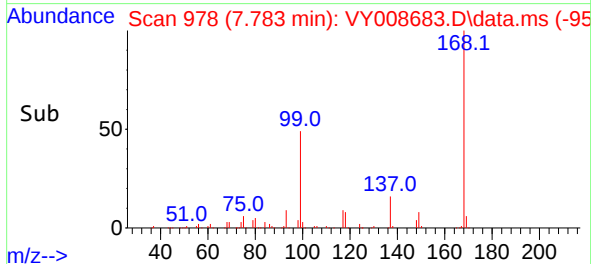
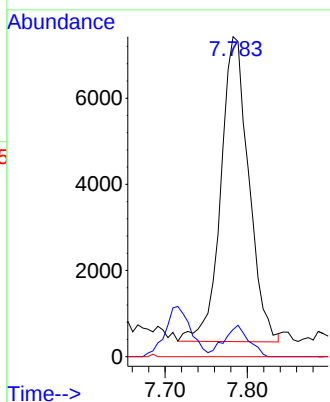
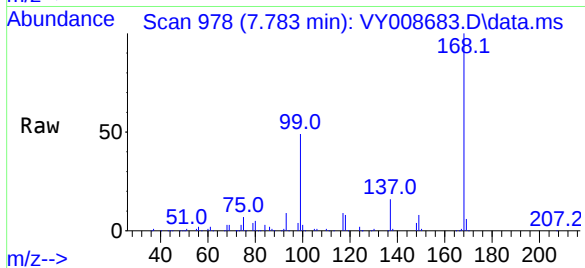
Tgt Ion: 75 Resp: 16740

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

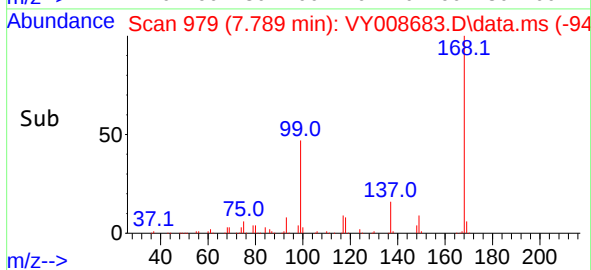
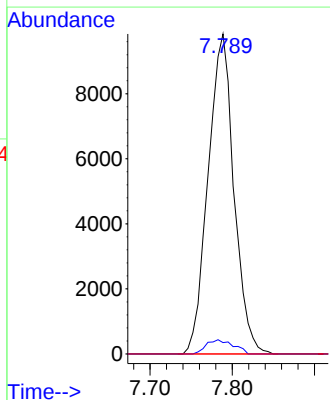
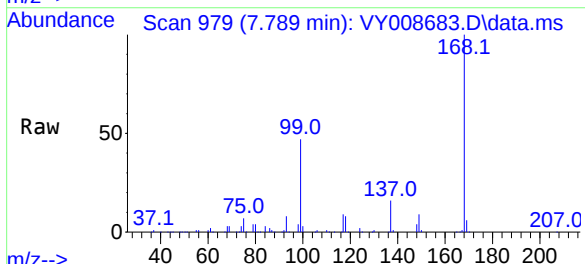
Tgt Ion: 117 Resp: 21473

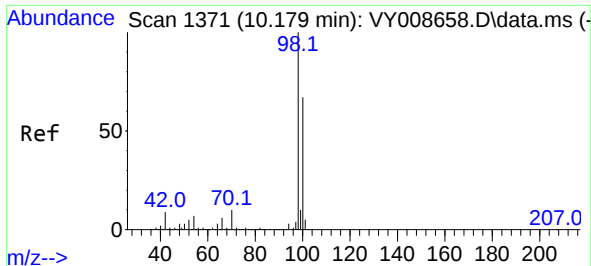
Ion Ratio Lower Upper

117 100

119 3.6 77.9 116.9#

121 0.0 24.8 37.2#

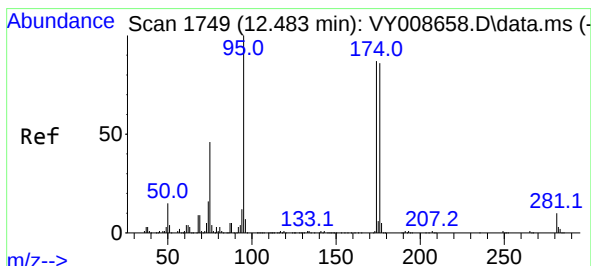
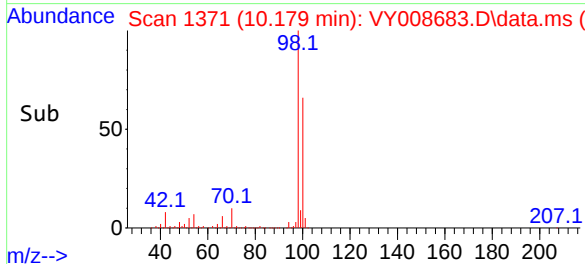
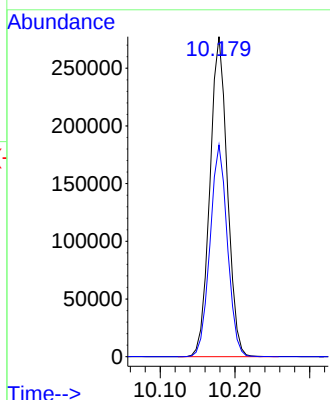
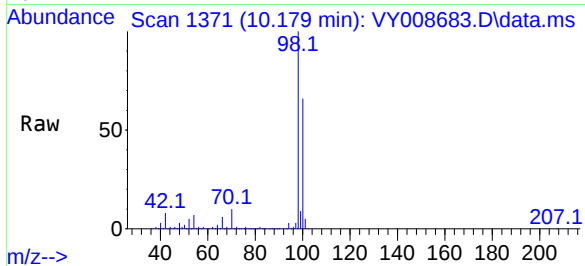




#50
Toluene-d8
Concen: 52.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

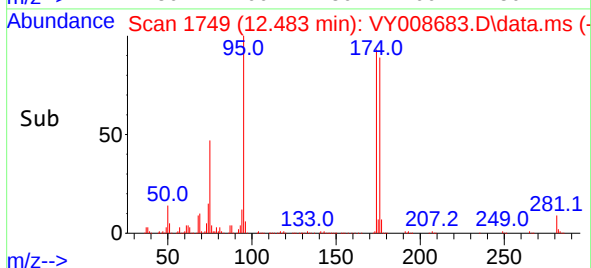
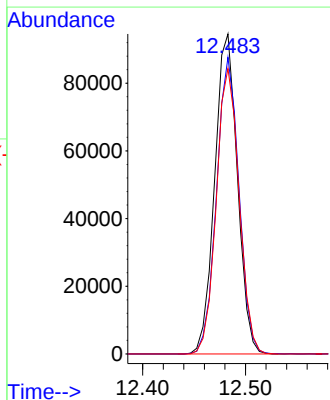
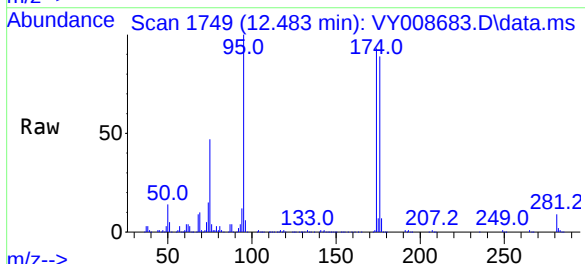
Instrument :
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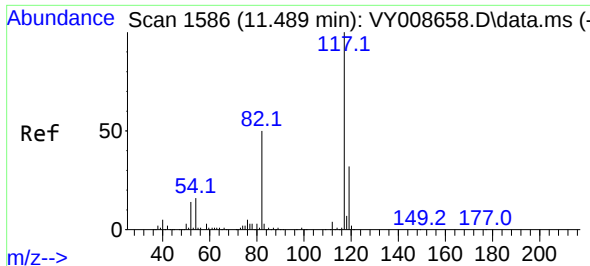
Tgt Ion: 98 Resp: 450687
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 95 Resp: 144852
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 89.4 0.0 175.8

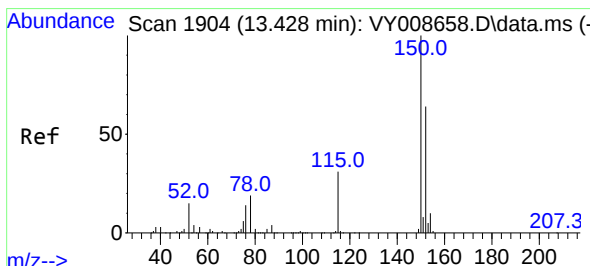
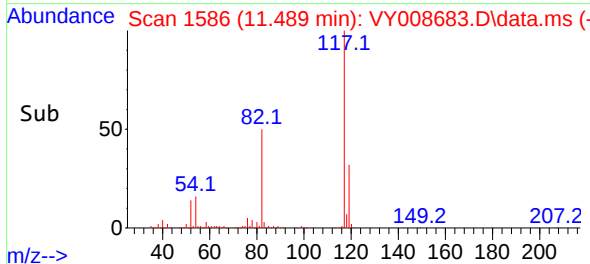
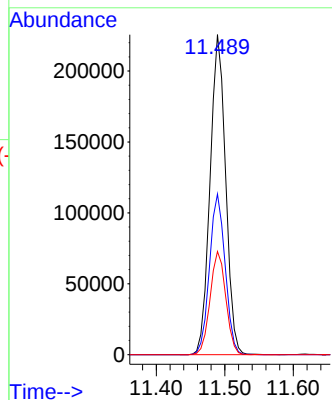
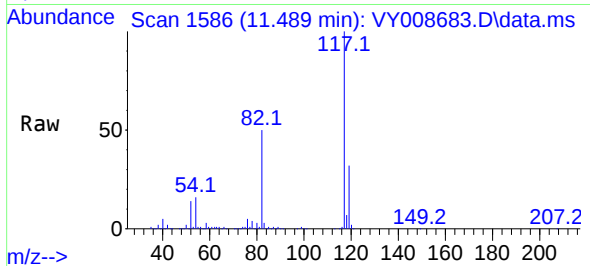




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

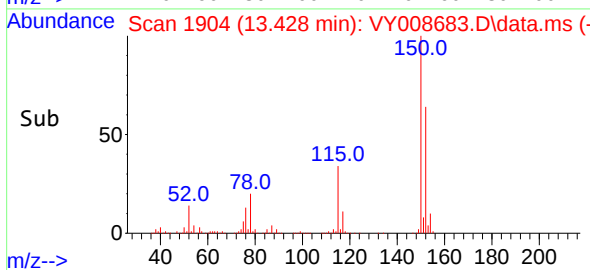
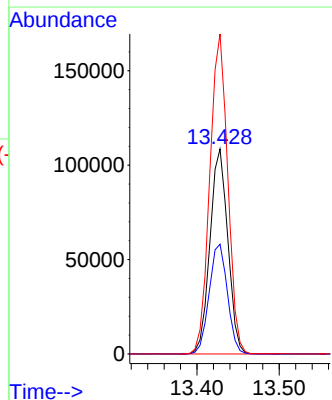
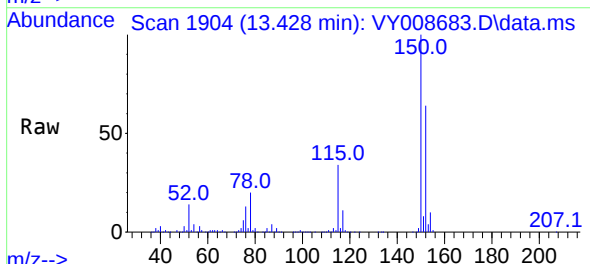
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

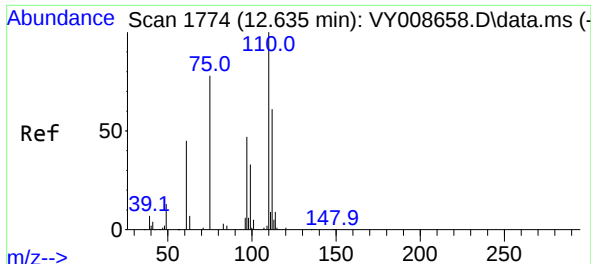
Tgt Ion:117 Resp: 357101
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion:152 Resp: 163888
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.5 0.0 347.6

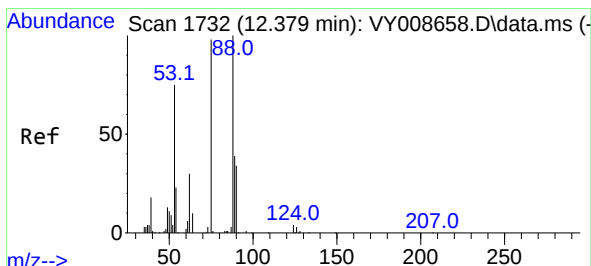
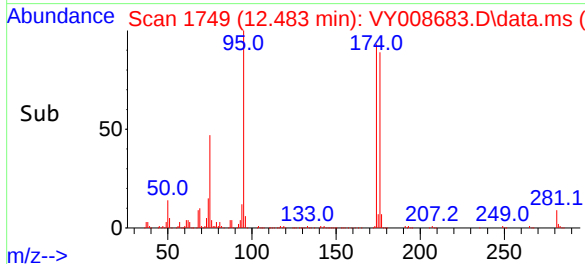
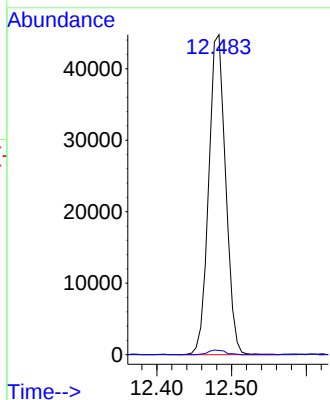
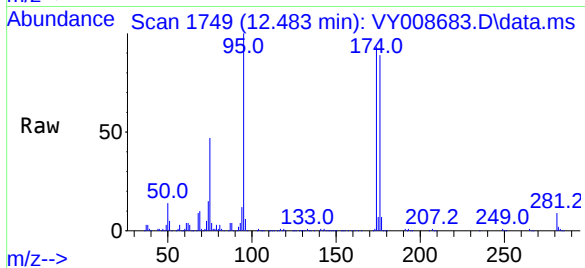




#76
1,2,3-Trichloropropane
Concen: 38.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Tgt Ion: 75 Resp: 70388
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 75 Resp: 70388
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

