

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008490.D
 Acq On : 25 Apr 2022 18:24
 Operator : KP/MD
 Sample : N2548-07RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 26 01:58:19 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)

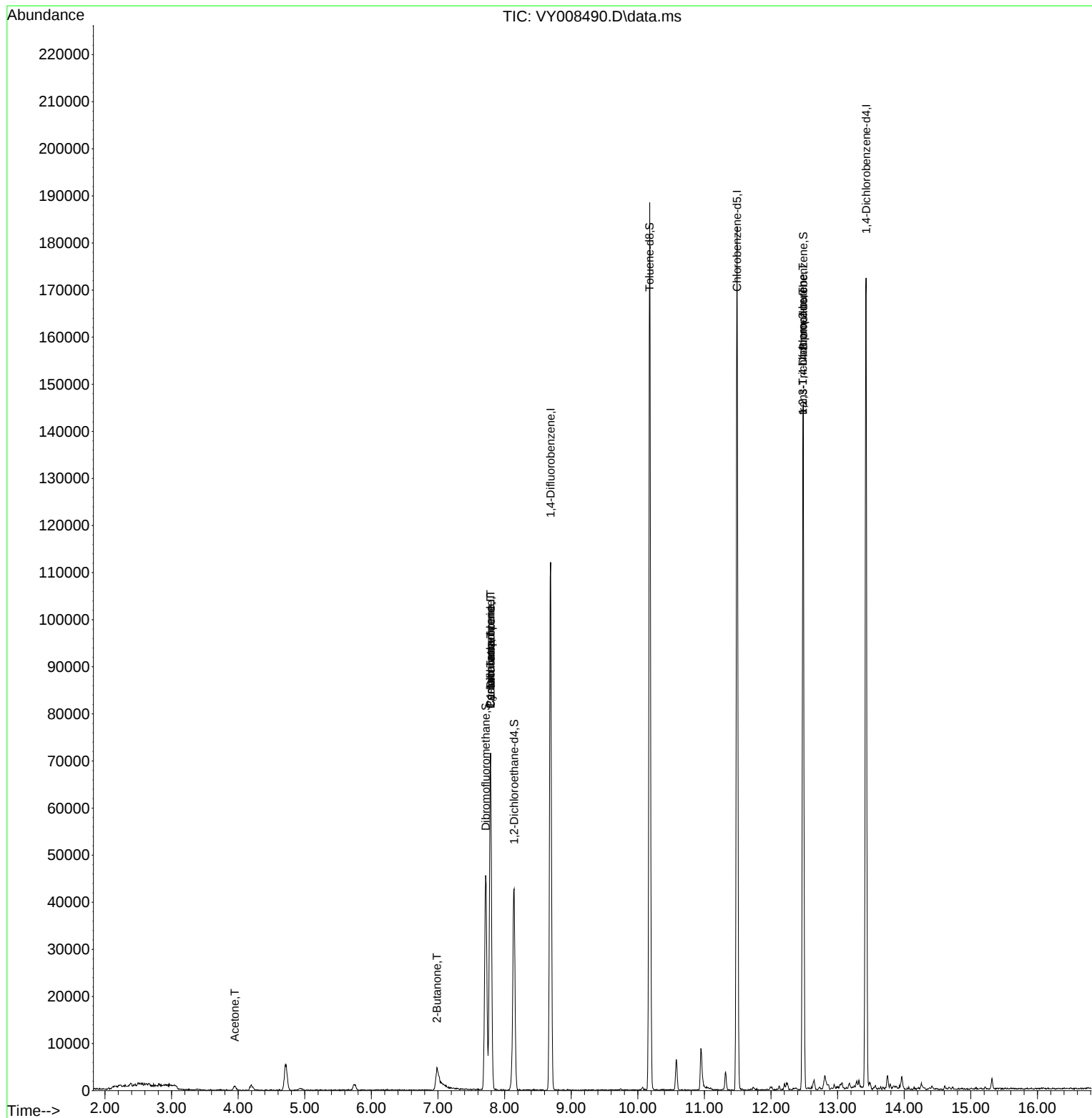
Internal Standards						
1) Pentafluorobenzene	7.789	168	55395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32060	49.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.380%
35) Dibromofluoromethane	7.716	113	32447	51.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.179	98	121669	48.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.483	95	40898	47.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	737	Below Cal	#	77
16) Acetone	3.948	43	1696	11.171	ug/l #	62
20) Methylene Chloride	4.716	84	4604	Below Cal	#	65
25) 2-Butanone	6.984	43	390	1.661	ug/l #	54
31) Cyclohexane	7.789	56	1161	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4903	4.856	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5827	5.554	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	22882	39.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22882	91.888	ug/l #	7

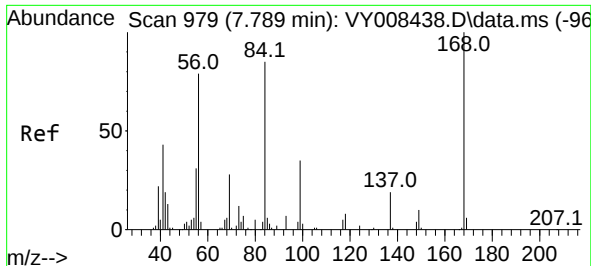
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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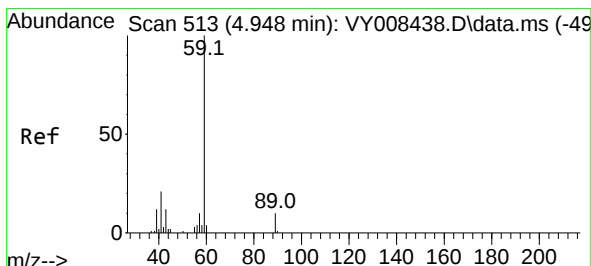
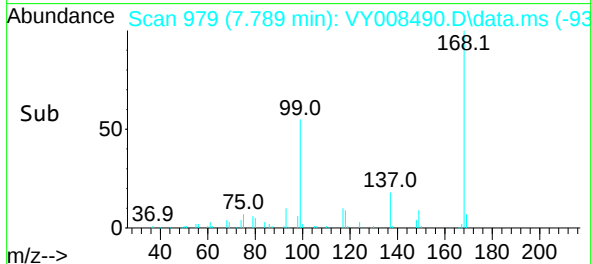
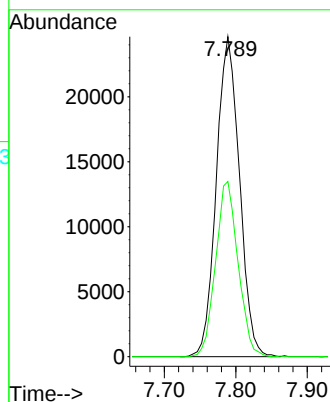
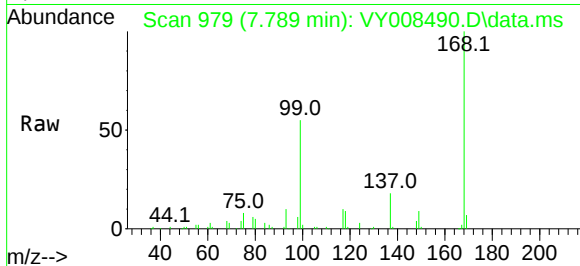




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

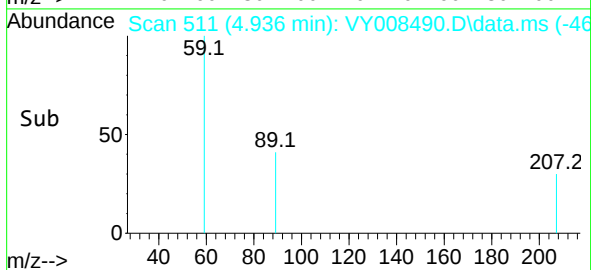
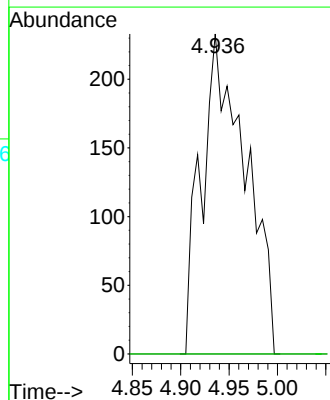
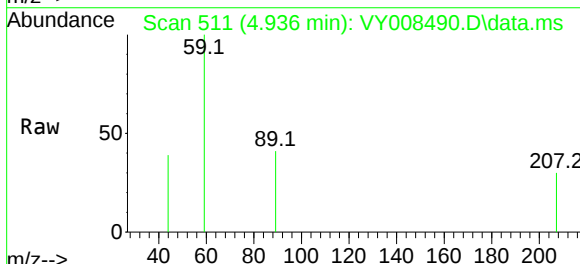
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

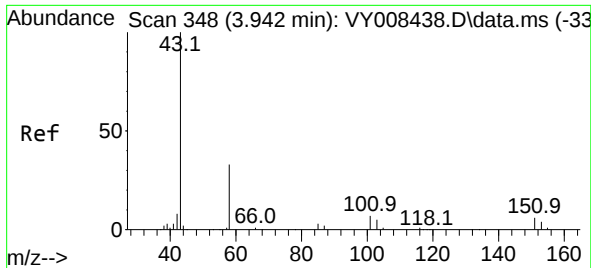
Tgt Ion:168 Resp: 55395
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 11.171 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

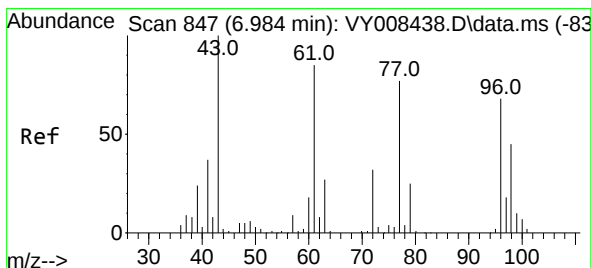
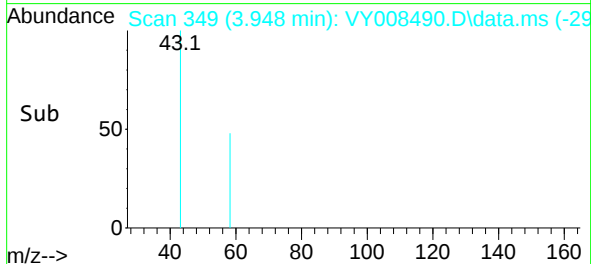
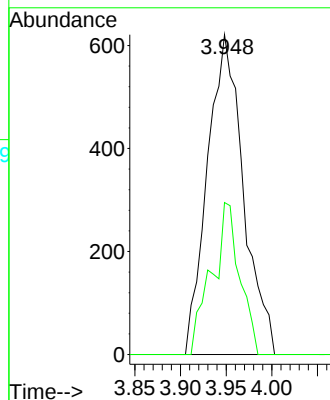
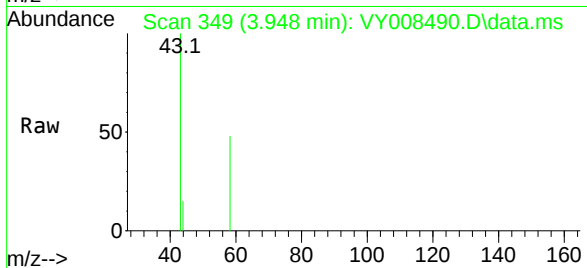
TP-9

Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

43 100

58 47.5 22.0 33.0#



#25

2-Butanone

Concen: 1.661 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008490.D

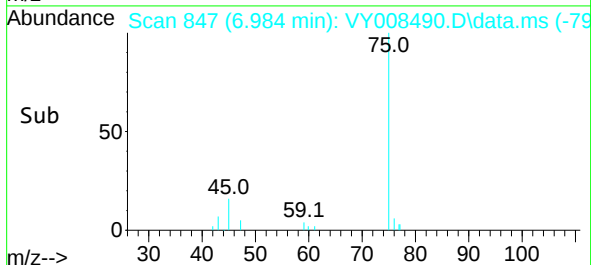
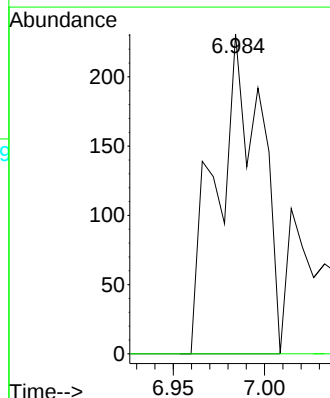
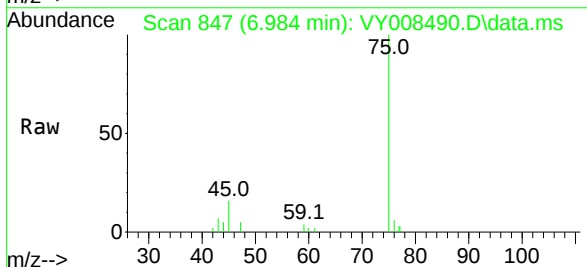
Acq: 25 Apr 2022 18:24

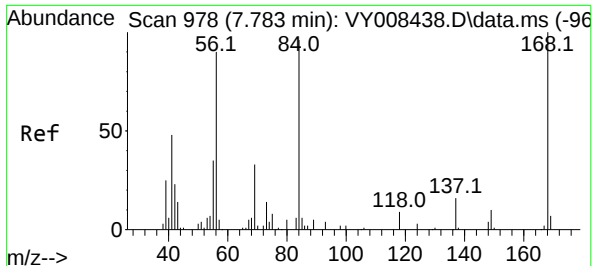
Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

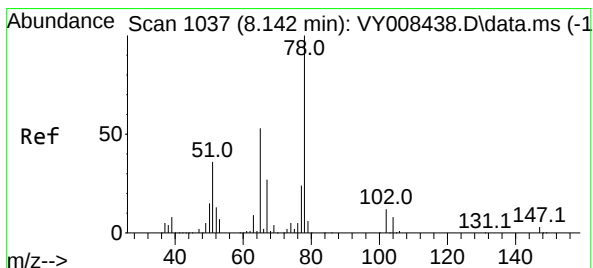
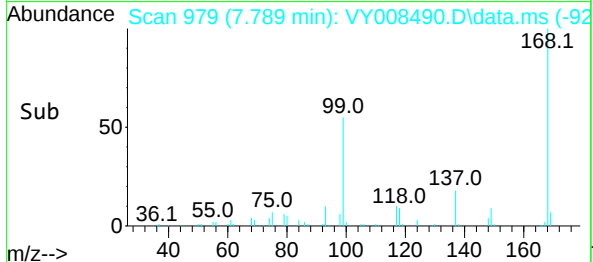
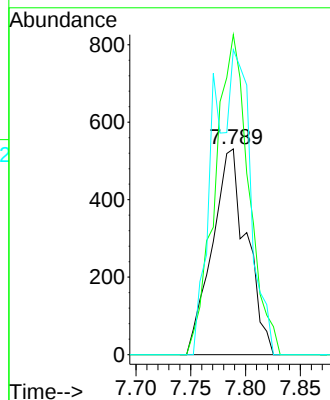
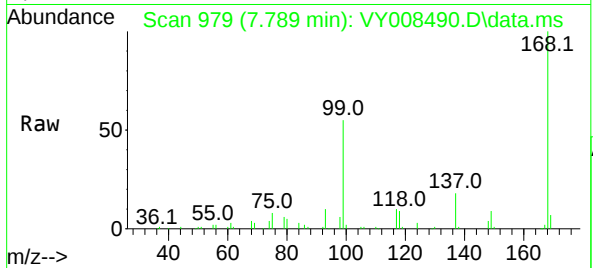




#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

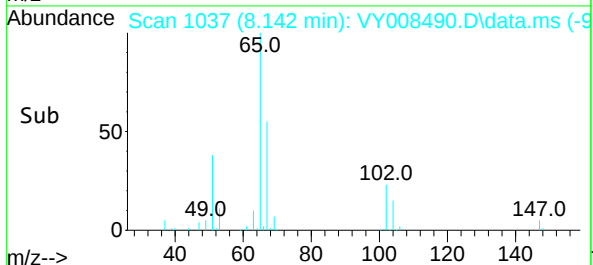
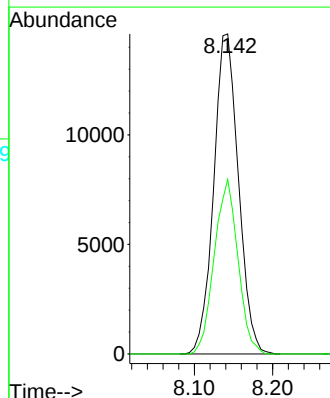
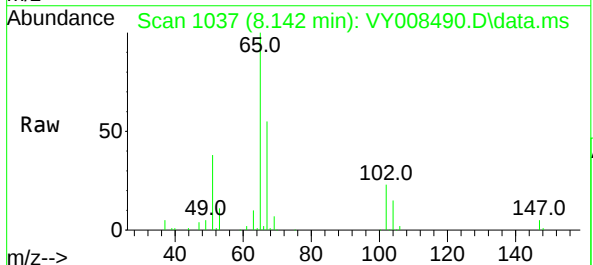
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

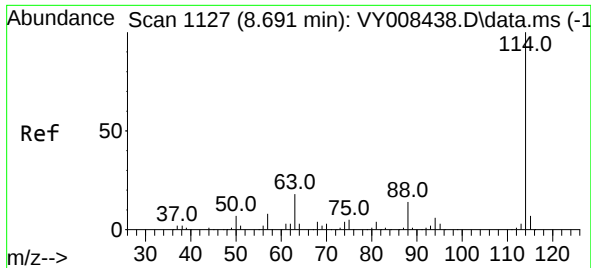
Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
69 155.6 26.7 40.1#
84 148.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 65 Resp: 32060
Ion Ratio Lower Upper
65 100
67 52.1 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: VY008490.D

Acq: 25 Apr 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

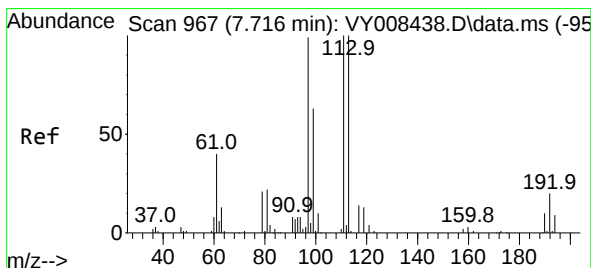
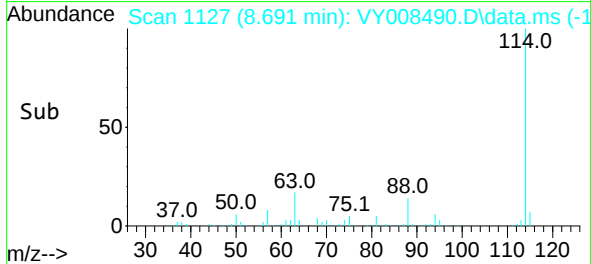
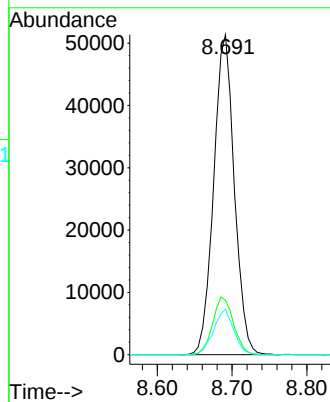
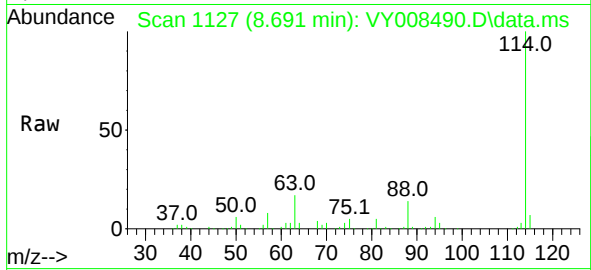
Tgt Ion:114 Resp: 98356

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

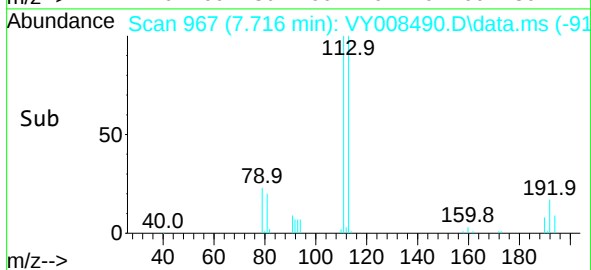
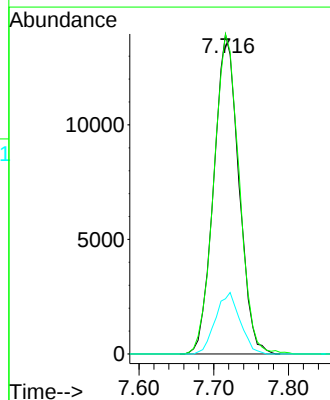
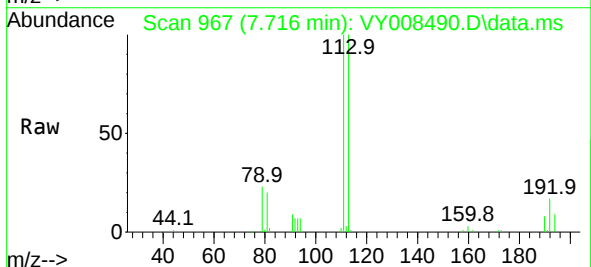
Tgt Ion:113 Resp: 32447

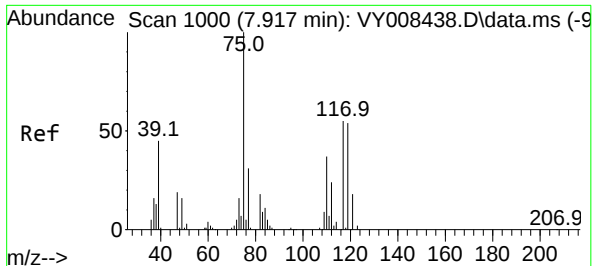
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

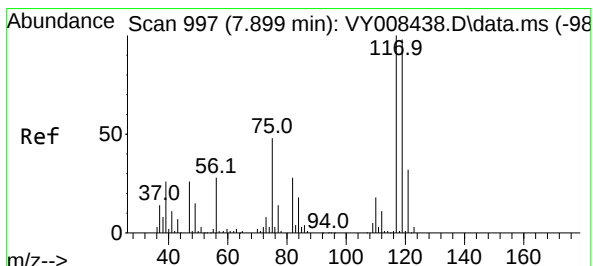
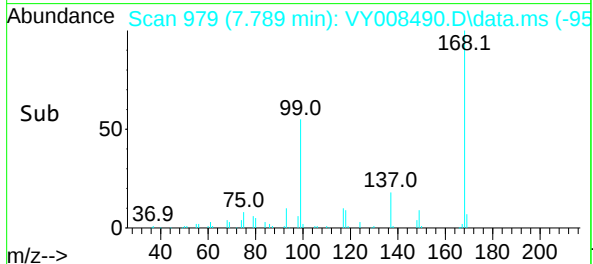
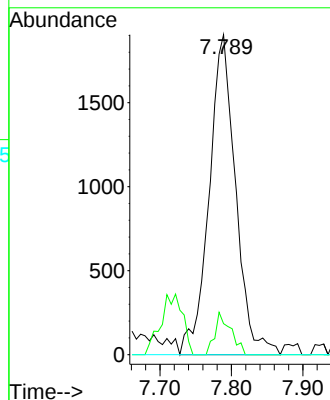
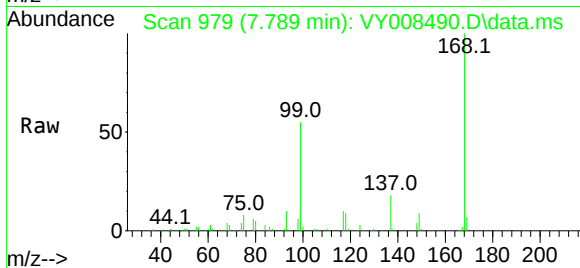
Tgt Ion: 75 Resp: 4903

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.554 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008490.D

Acq: 25 Apr 2022 18:24

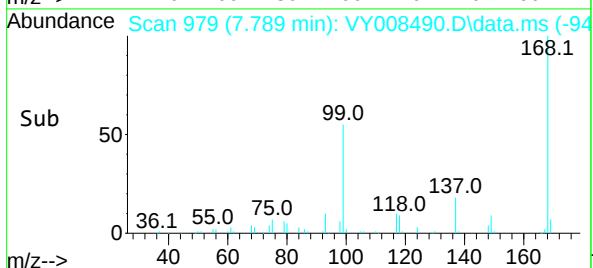
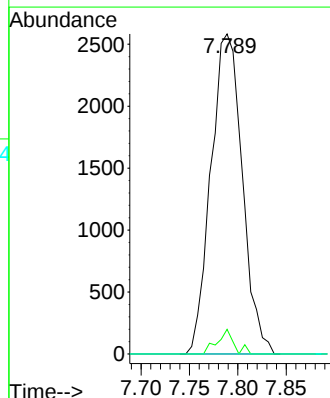
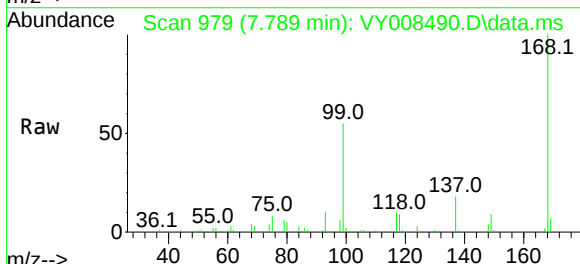
Tgt Ion: 117 Resp: 5827

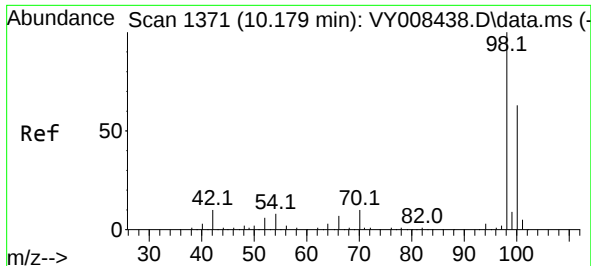
Ion Ratio Lower Upper

117 100

119 7.7 77.9 116.9#

121 0.0 24.8 37.2#

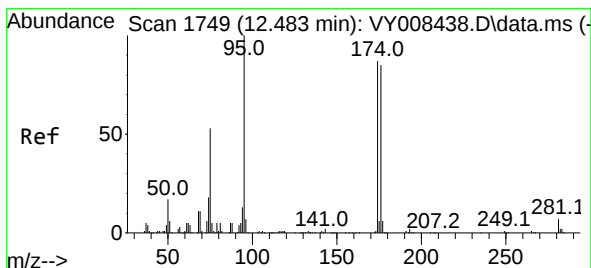
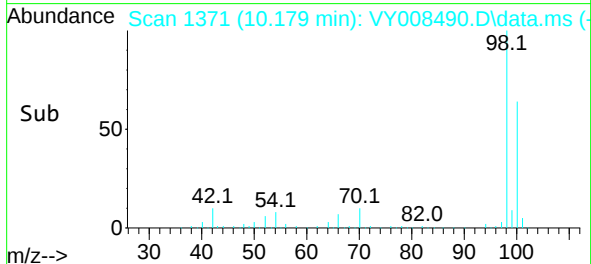
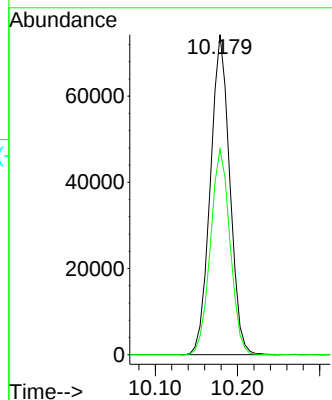
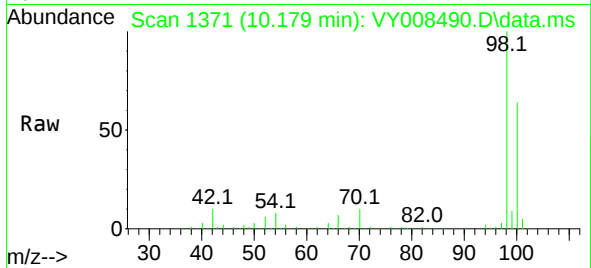




#50
Toluene-d8
Concen: 48.179 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

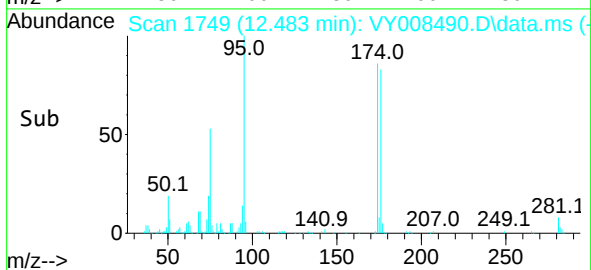
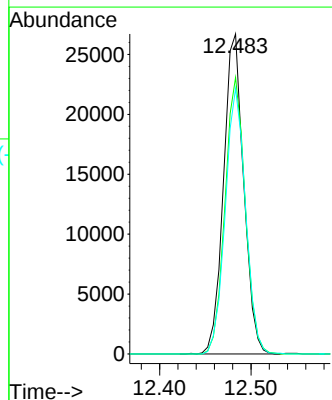
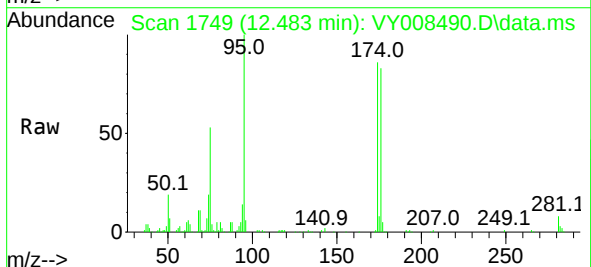
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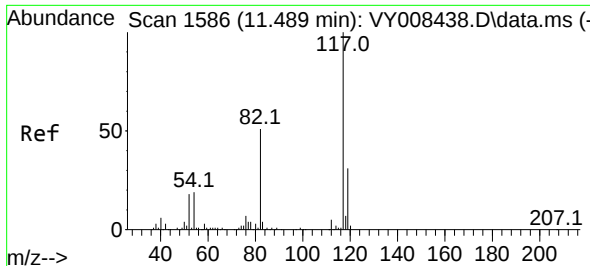
Tgt Ion: 98 Resp: 121669
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 95 Resp: 40898
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.8 0.0 175.8

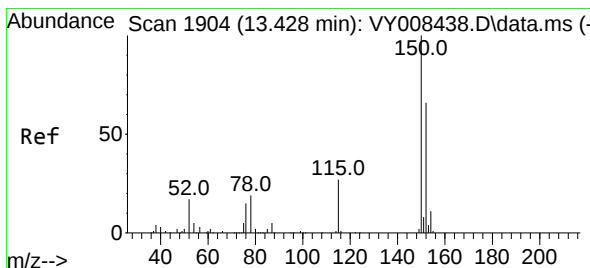
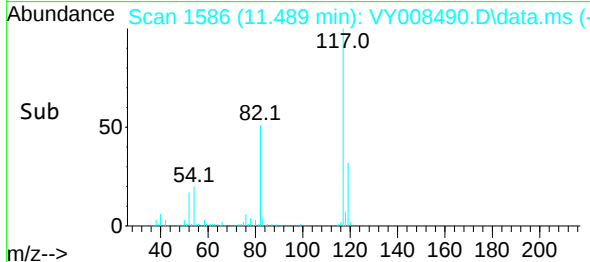
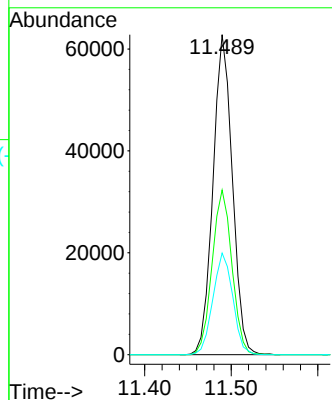
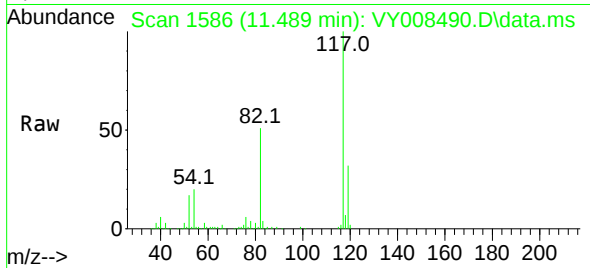




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

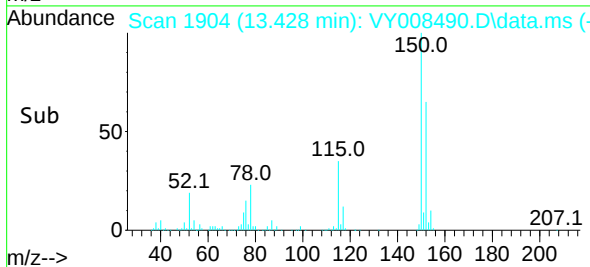
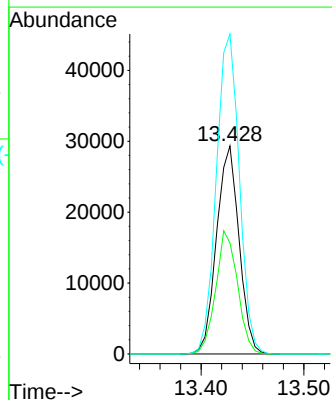
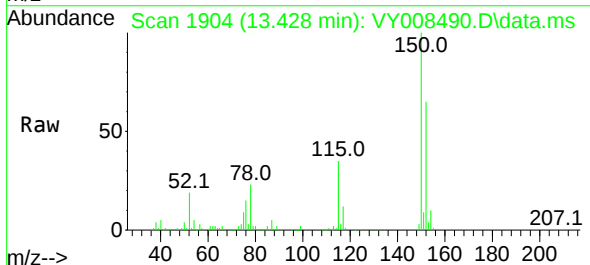
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

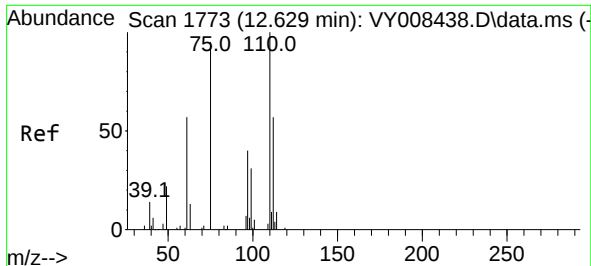
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	156.7	0.0	347.6

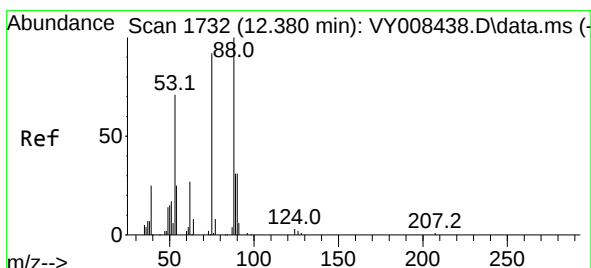
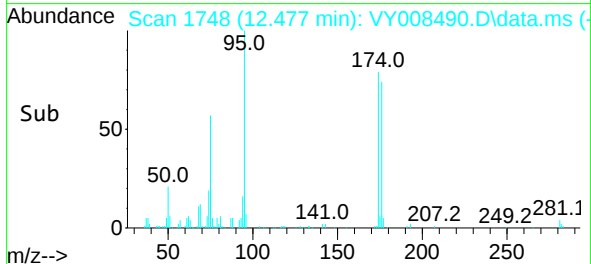
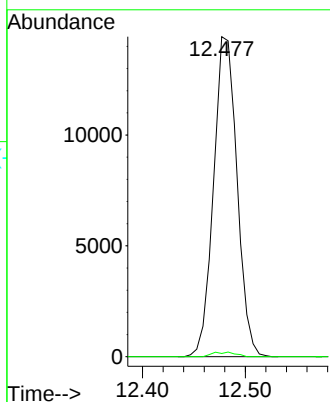
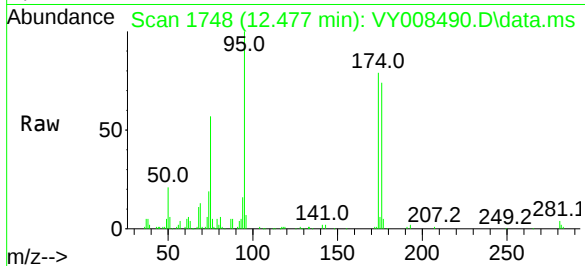




#76
1,2,3-Trichloropropane
Concen: 39.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion: 75 Resp: 22882
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.888 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008490.D
Acq: 25 Apr 2022 18:24

Tgt Ion: 75 Resp: 22882
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

