

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007645.D
 Acq On : 25 Feb 2022 18:32
 Operator : SY/MD
 Sample : N1664-22
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Feb 27 23:59:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

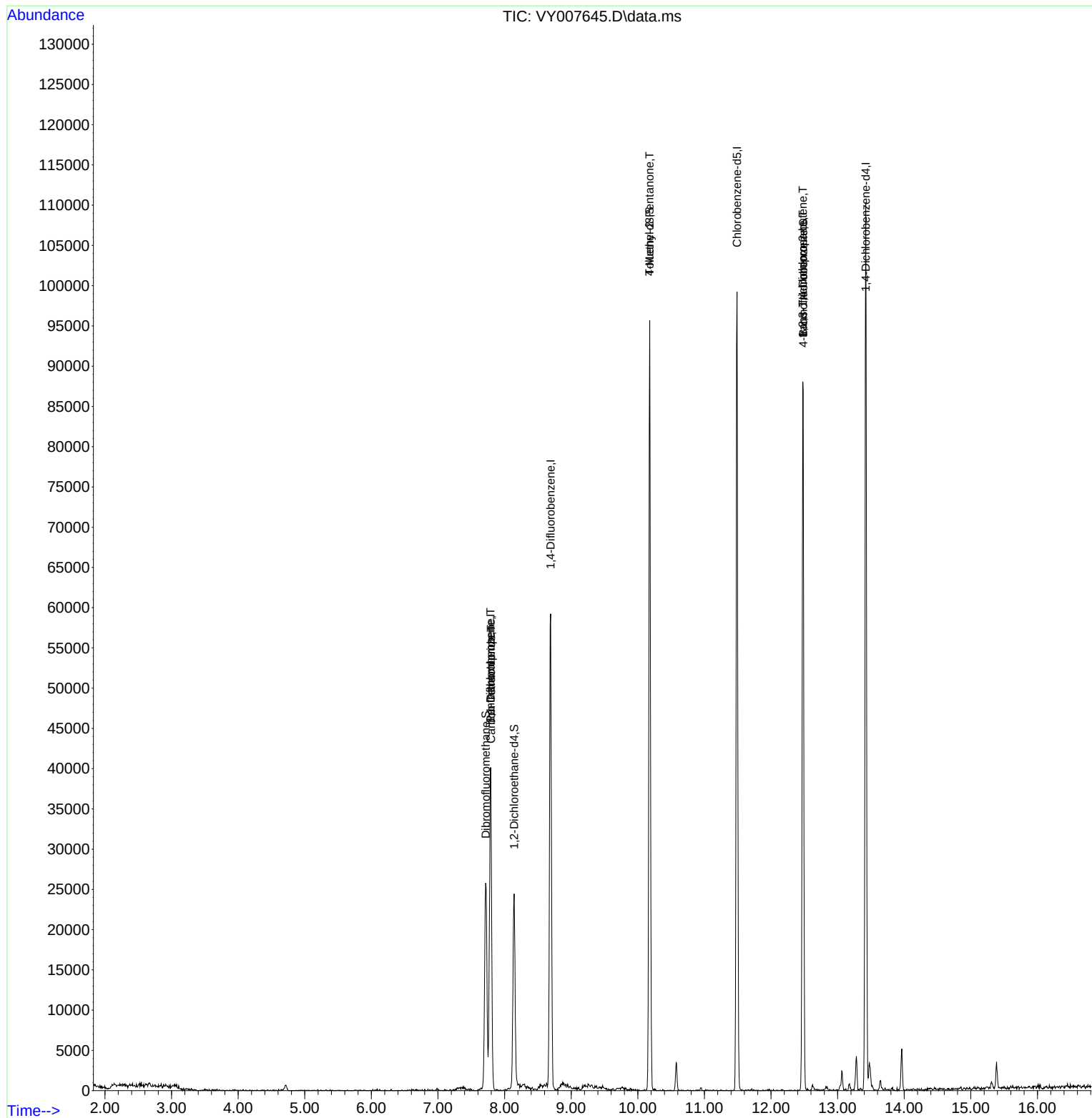
Internal Standards						
1) Pentafluorobenzene	7.789	168	29443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	51441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	53568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19423	59.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.600%	
35) Dibromofluoromethane	7.716	113	16714	51.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.980%	
50) Toluene-d8	10.179	98	59250	49.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.483	95	22737	55.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	140	Below Cal	#	65
20) Methylene Chloride	4.704	84	518	Below Cal	#	58
31) Cyclohexane	7.789	56	649	Below Cal	#	67
36) 1,1-Dichloropropene	7.789	75	2075	4.436	ug/l #	53
38) Carbon Tetrachloride	7.795	117	3522	5.142	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	308	1.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	14437	52.431	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14437	112.736	ug/l #	7

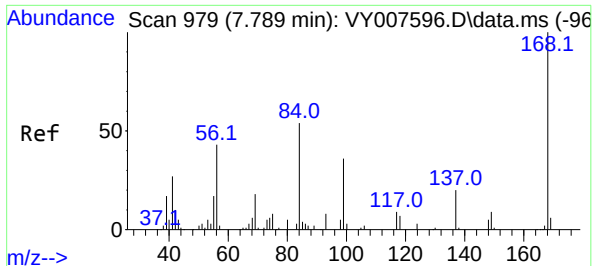
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-8

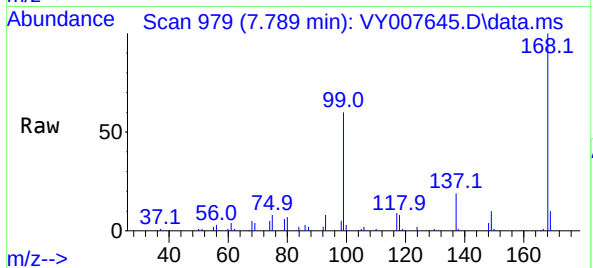
Quant Time: Feb 27 23:59:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
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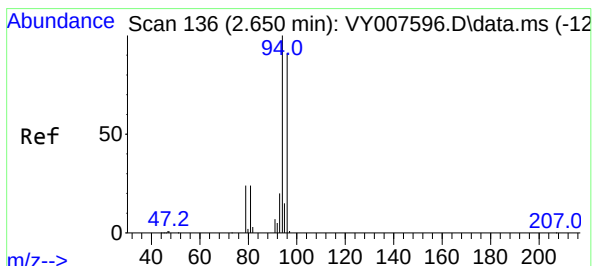
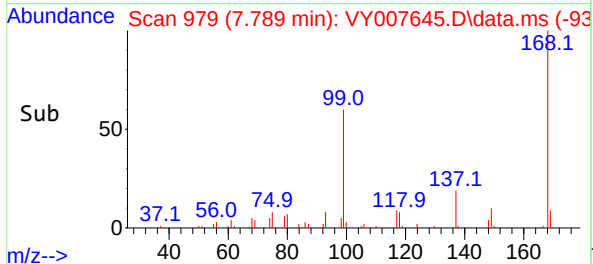
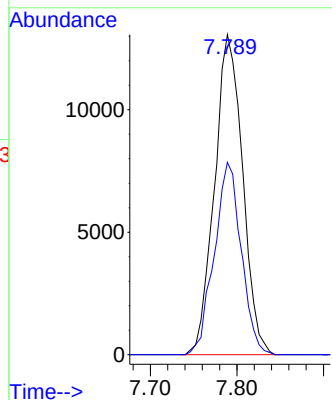


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

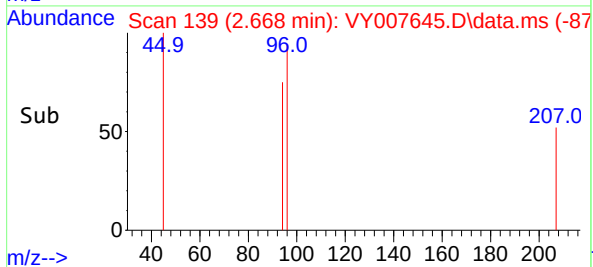
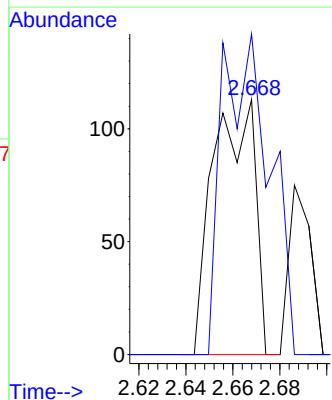
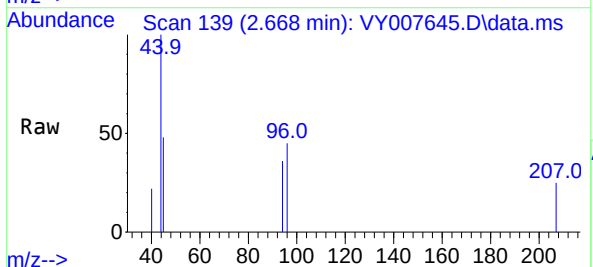


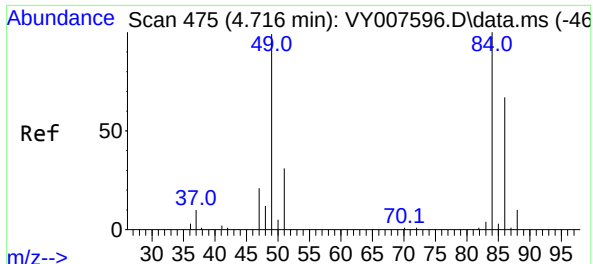
Tgt Ion:168 Resp: 29443
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 125.7 73.5 110.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY007645.D

Acq: 25 Feb 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

Tgt Ion: 84 Resp: 518

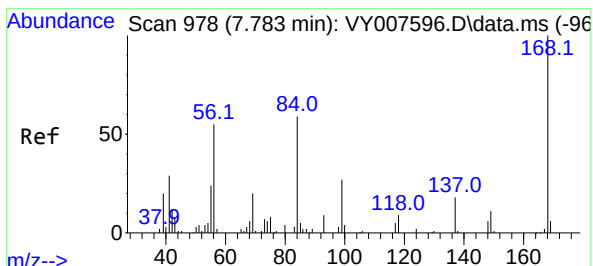
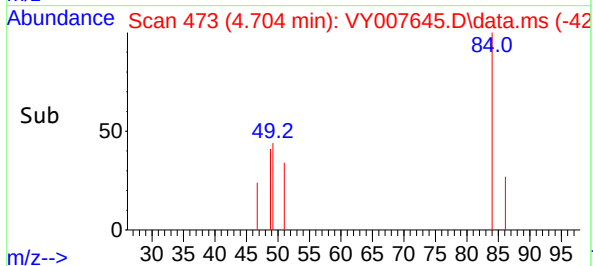
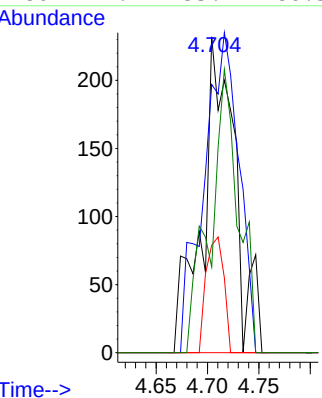
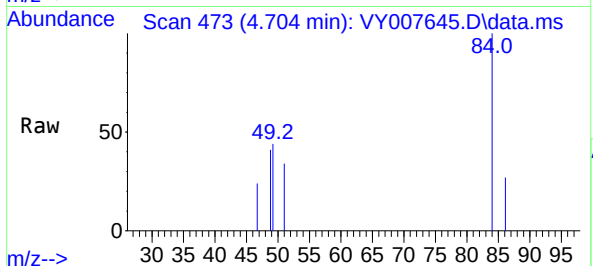
Ion Ratio Lower Upper

84 100

49 84.9 114.4 171.6#

51 34.1 35.3 52.9#

86 27.2 53.7 80.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007645.D

Acq: 25 Feb 2022 18:32

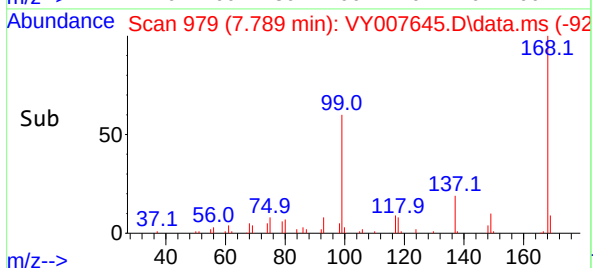
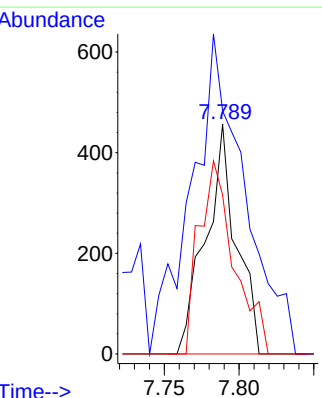
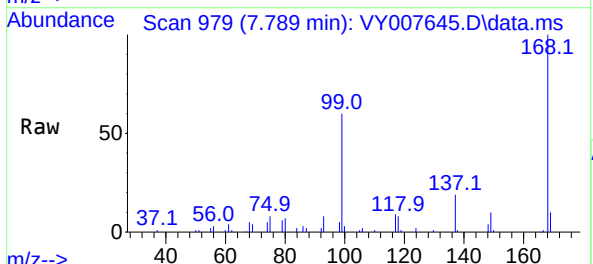
Tgt Ion: 56 Resp: 649

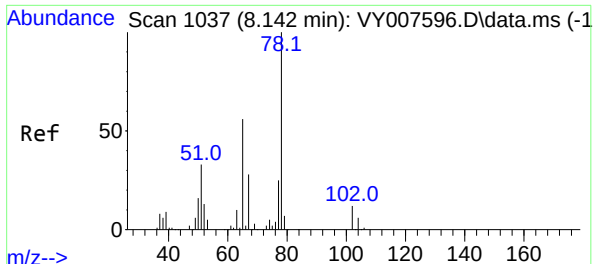
Ion Ratio Lower Upper

56 100

69 75.1 26.7 40.1#

84 69.1 67.2 100.8

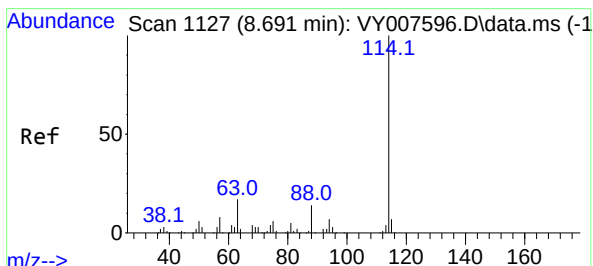
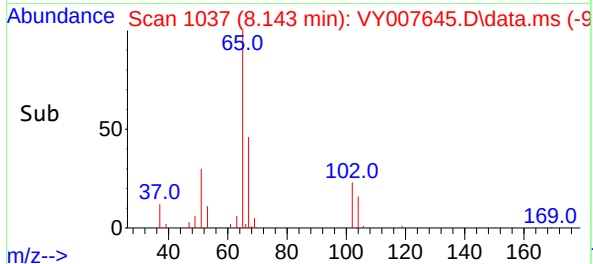
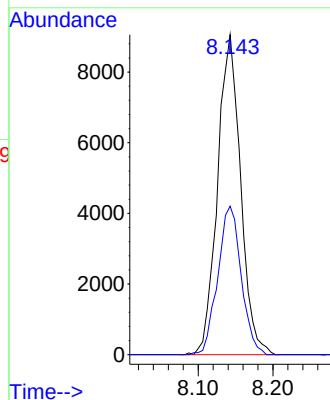
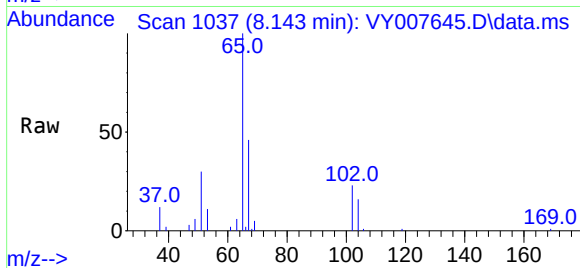




#33
1,2-Dichloroethane-d4
Concen: 59.300 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

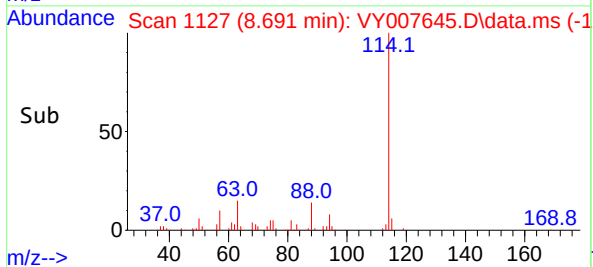
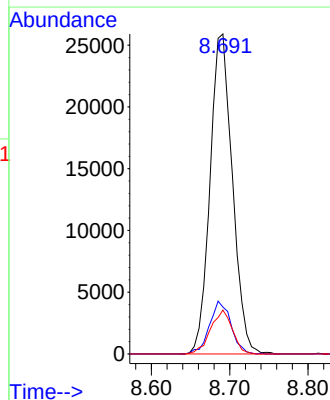
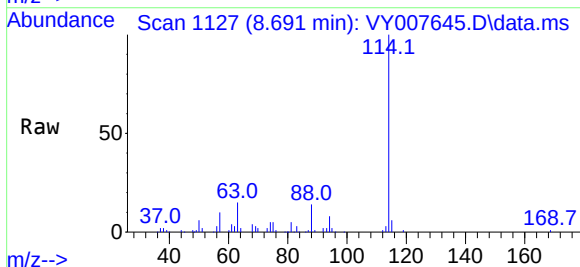
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

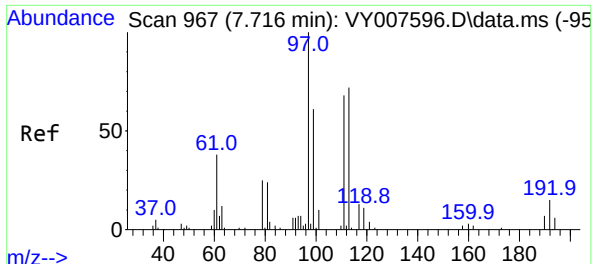
Tgt Ion: 65 Resp: 19423
Ion Ratio Lower Upper
65 100
67 47.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion: 114 Resp: 51441
Ion Ratio Lower Upper
114 100
63 14.7 0.0 43.2
88 13.7 0.0 31.8

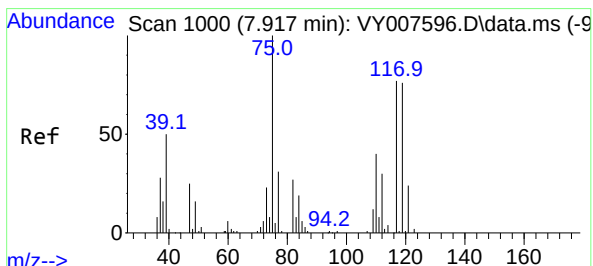
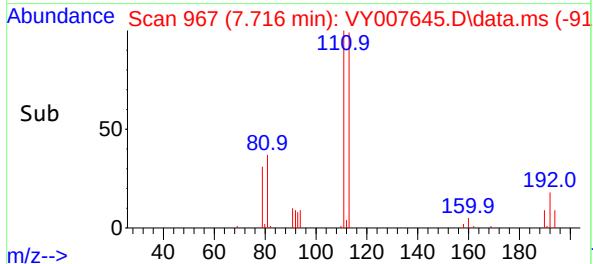
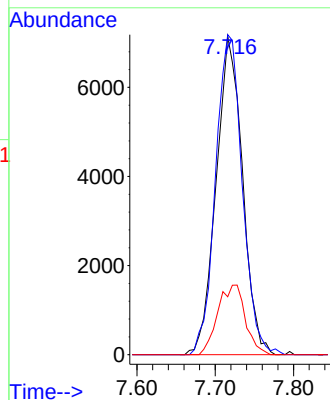
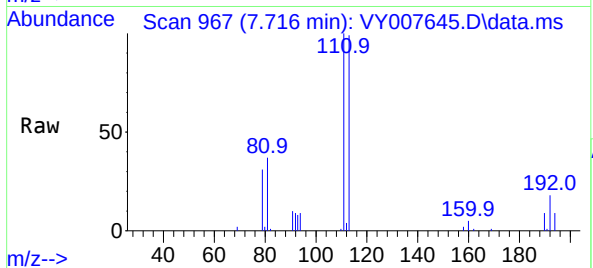




#35
Dibromofluoromethane
Concen: 51.493 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

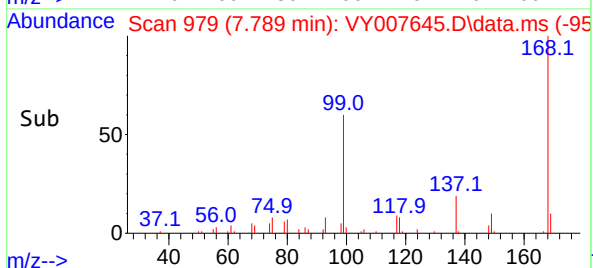
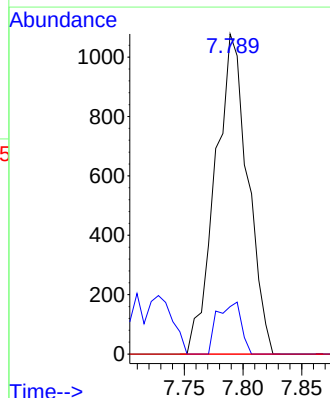
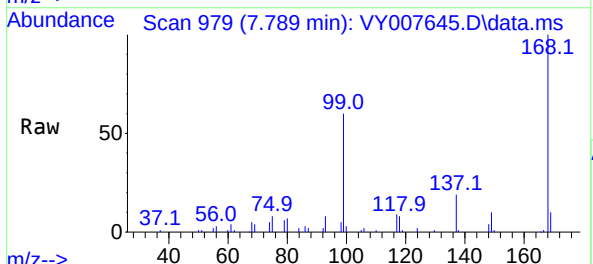
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

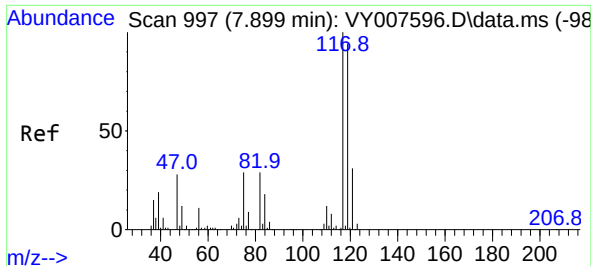
Tgt Ion:113 Resp: 16714
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion: 75 Resp: 2075
Ion Ratio Lower Upper
75 100
110 11.9 17.1 51.2#
77 0.0 24.4 36.6#

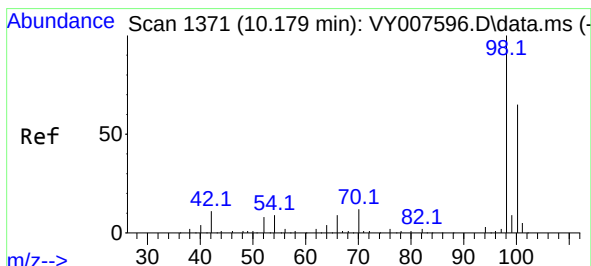
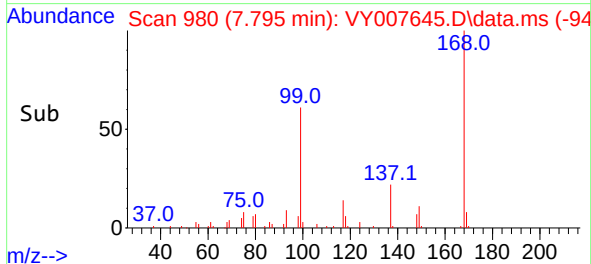
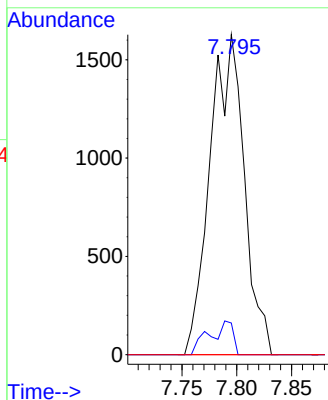
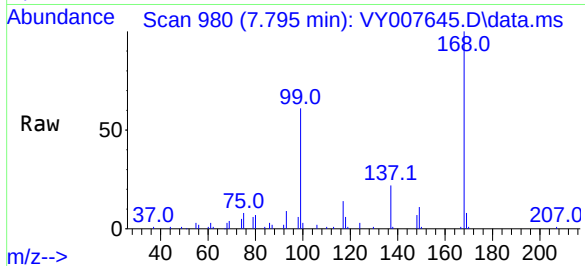




#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

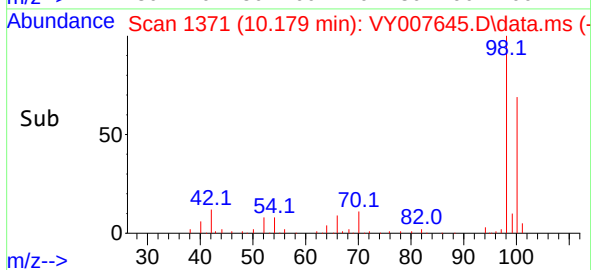
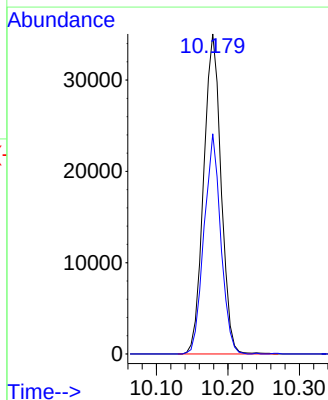
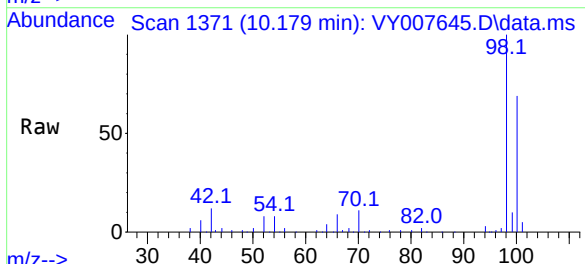
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

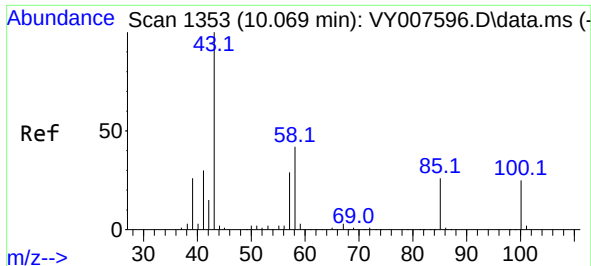
Tgt Ion:117 Resp: 3522
Ion Ratio Lower Upper
117 100
119 9.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion: 98 Resp: 59250
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.423 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY007645.D

Acq: 25 Feb 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

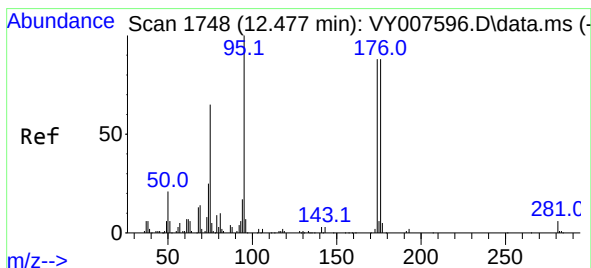
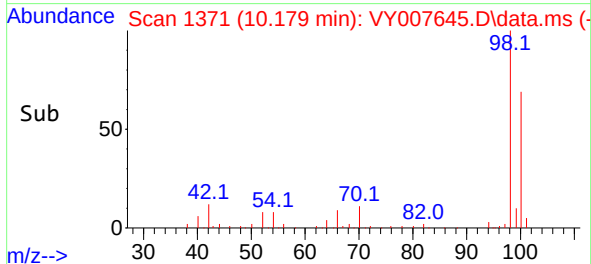
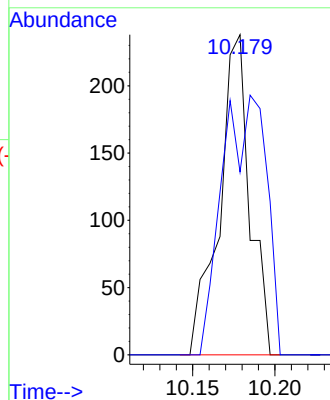
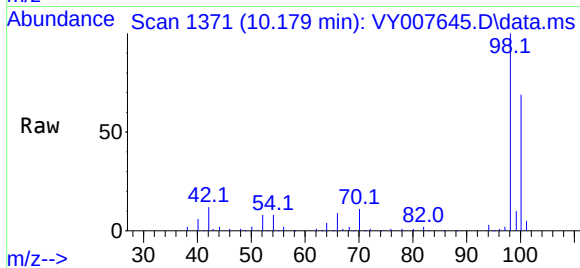
TP-8

Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

58 117.2 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 55.399 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY007645.D

Acq: 25 Feb 2022 18:32

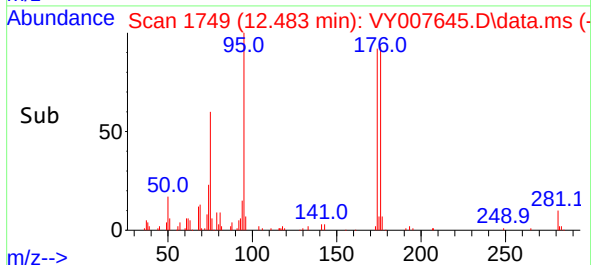
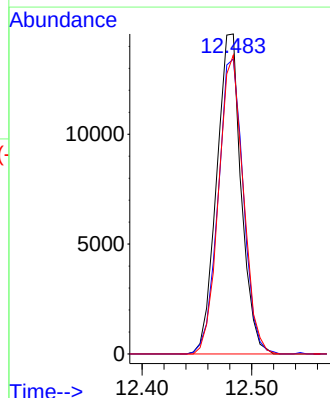
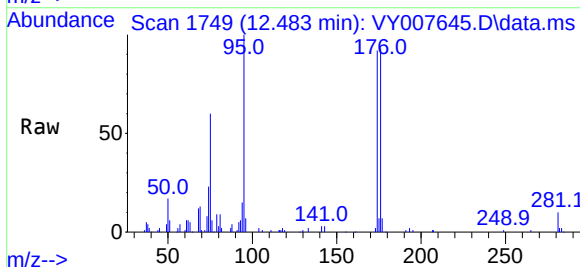
Tgt Ion: 95 Resp: 22737

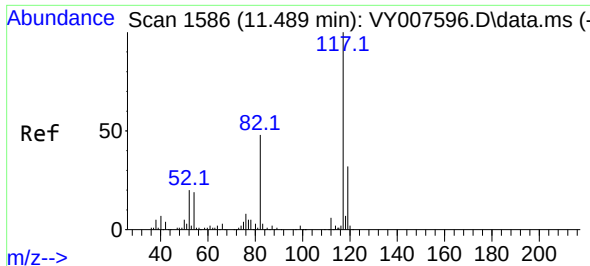
Ion Ratio Lower Upper

95 100

174 93.9 0.0 177.0

176 93.2 0.0 175.8

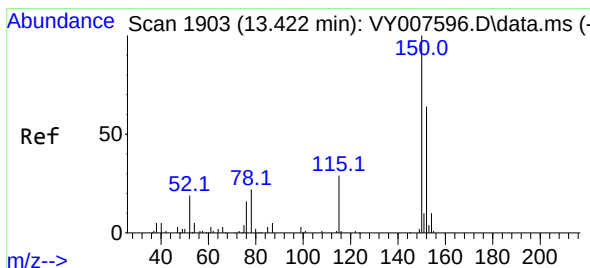
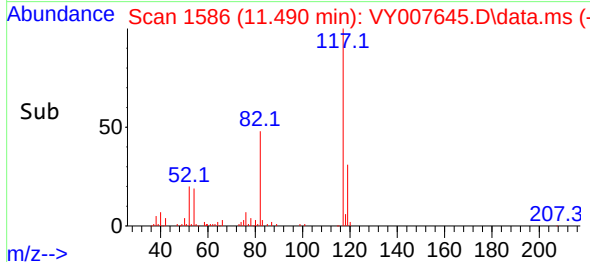
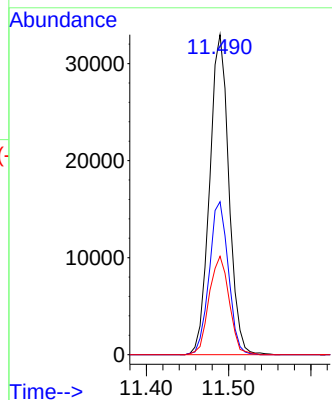
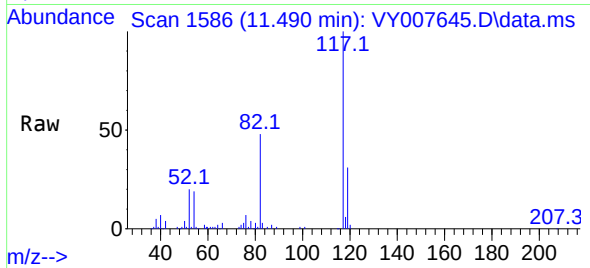




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

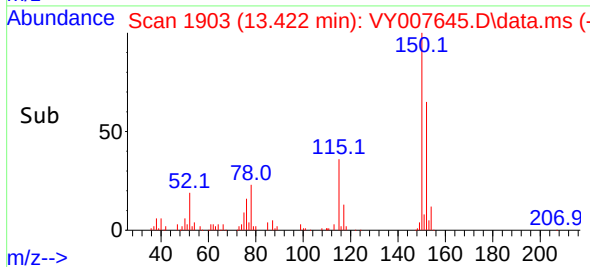
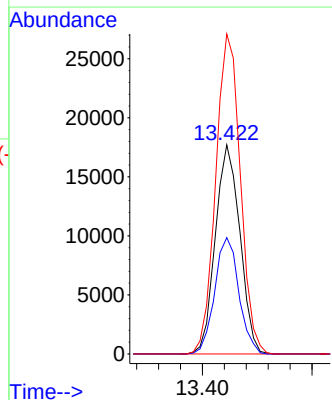
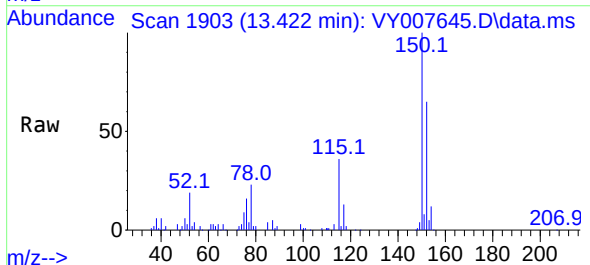
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

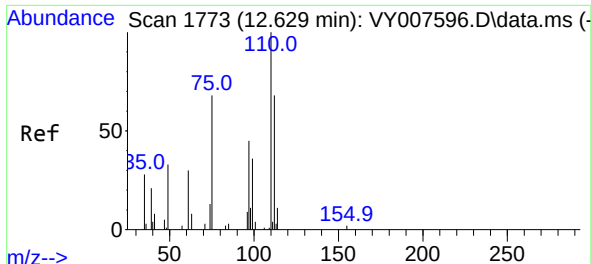
Tgt Ion:	117	Resp:	53568
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.0	64.4
119	30.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion:	152	Resp:	27531
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	153.4	0.0	347.6

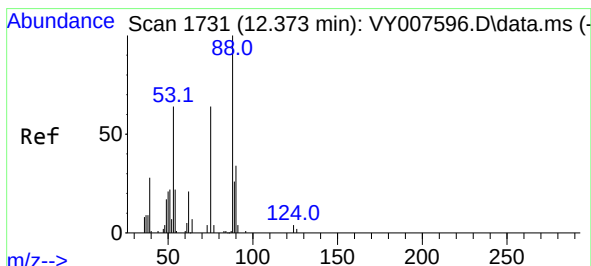
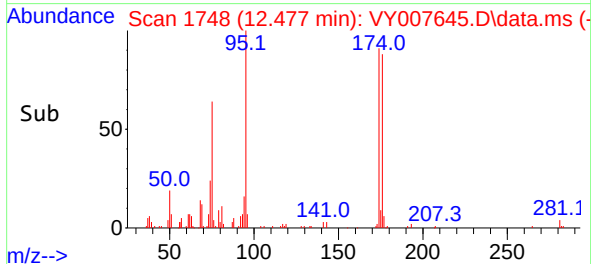
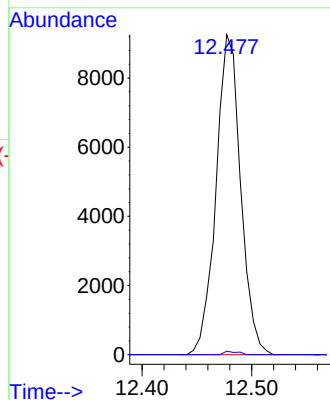
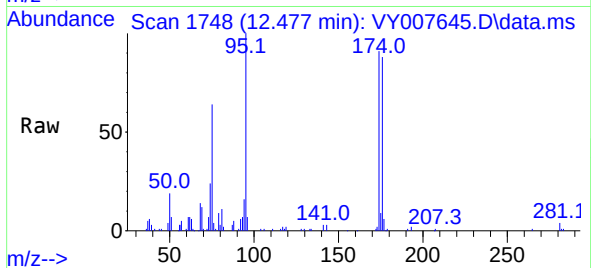




#76
1,2,3-Trichloropropane
Concen: 52.431 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tgt Ion: 75 Resp: 14437
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.736 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007645.D
Acq: 25 Feb 2022 18:32

Tgt Ion: 75 Resp: 14437
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

