

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007638.D
 Acq On : 25 Feb 2022 15:48
 Operator : SY/MD
 Sample : N1664-07
 Misc : 3.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 27 23:58:01 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)

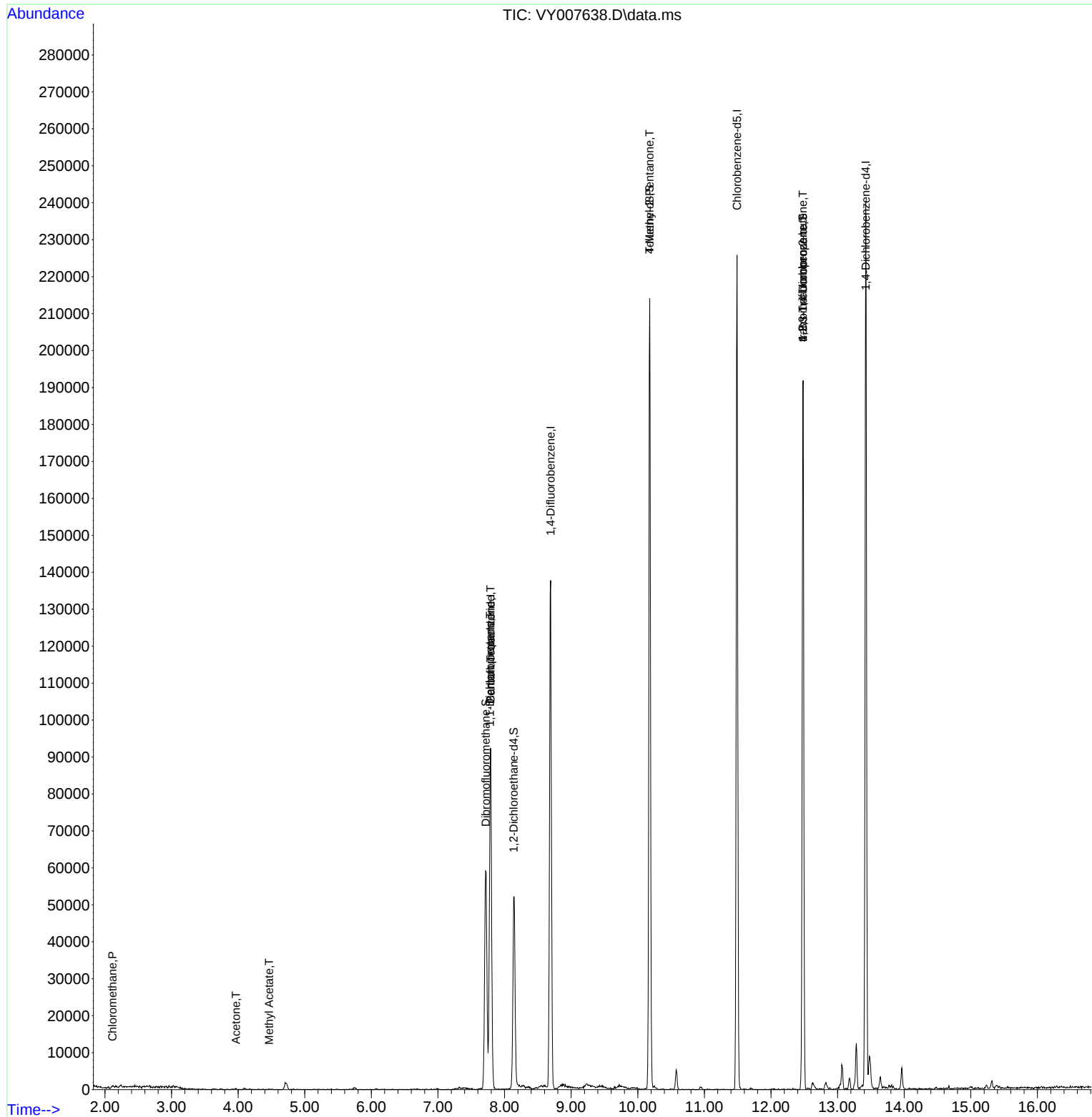
Internal Standards						
1) Pentafluorobenzene	7.789	168	69007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41001	53.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.820%			
35) Dibromofluoromethane	7.716	113	38943	52.828	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.179	98	140045	51.246	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.477	95	52310	56.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.240%			
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	318	1.125	ug/l #	44
5) Bromomethane	2.650	94	293	Below Cal	#	4
16) Acetone	3.967	43	421	2.408	ug/l #	47
18) Methyl Acetate	4.466	43	45	1.359	ug/l #	56
20) Methylene Chloride	4.729	84	1569	Below Cal	#	45
31) Cyclohexane	7.789	56	1637	Below Cal	#	23
36) 1,1-Dichloropropene	7.783	75	5177	4.873	ug/l #	55
38) Carbon Tetrachloride	7.789	117	7351	4.726	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	560	1.139	ug/l #	1
64) Tetrachloroethene	10.721	164	75	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.477	75	30927	53.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30927	114.106	ug/l #	7

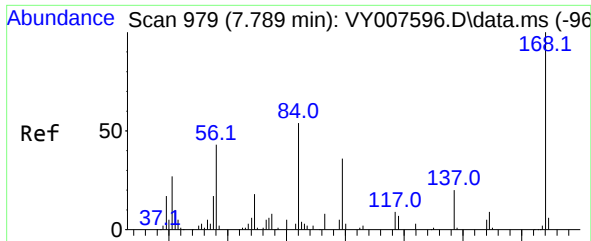
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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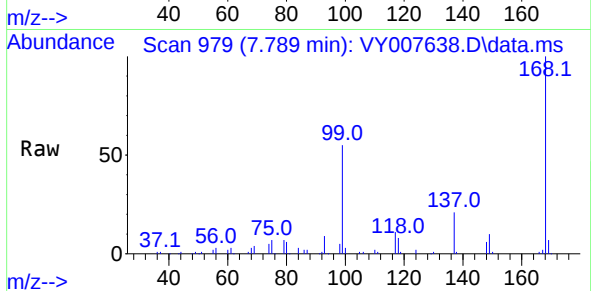
Quant Time: Feb 27 23:58:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 24 07:13:58 2022
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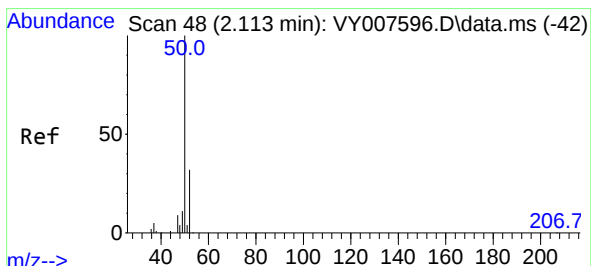
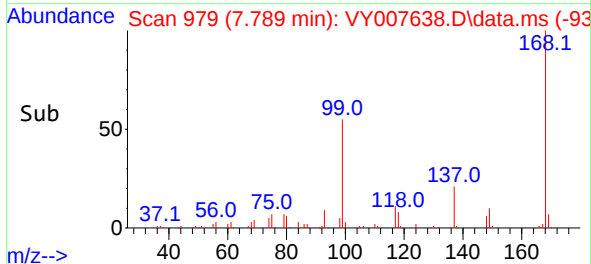
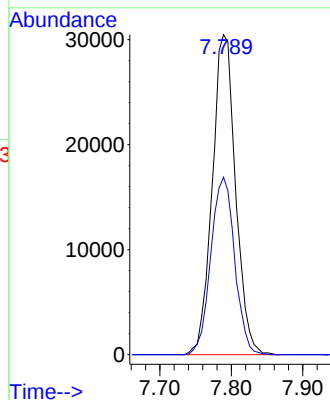


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

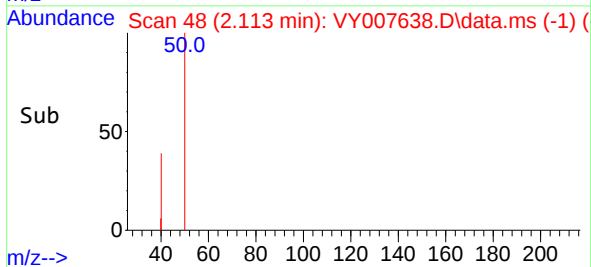
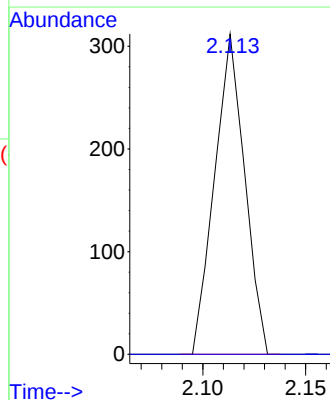
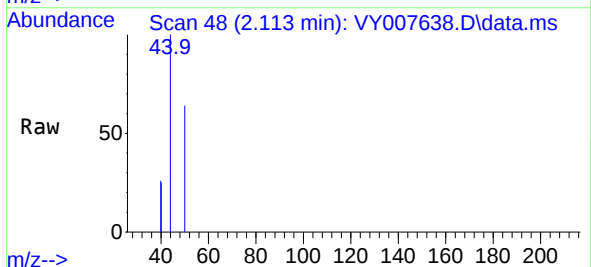


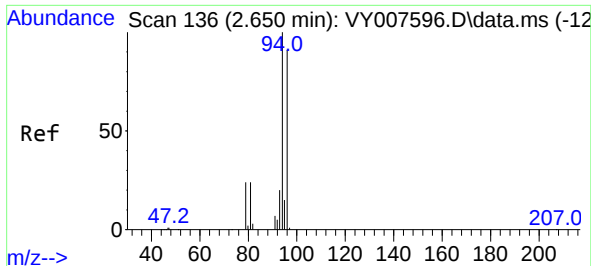
Tgt Ion:168 Resp: 69007
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#3
Chloromethane
Concen: 1.125 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

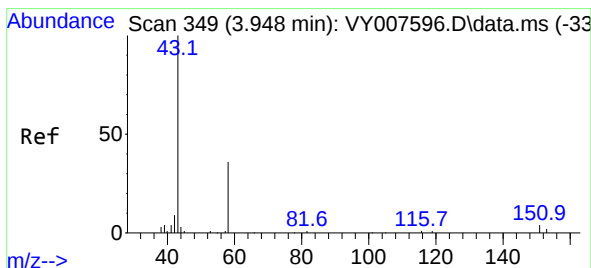
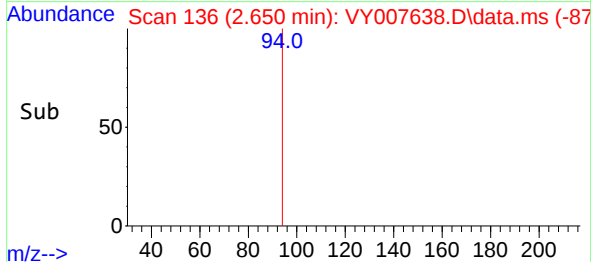
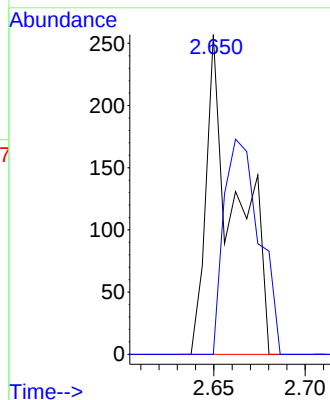
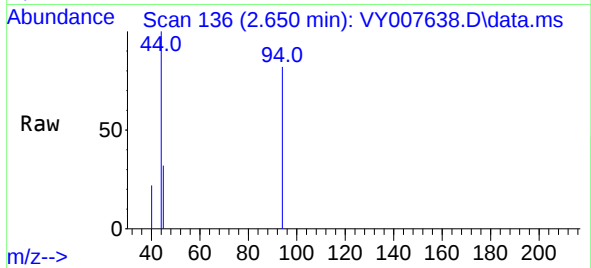




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

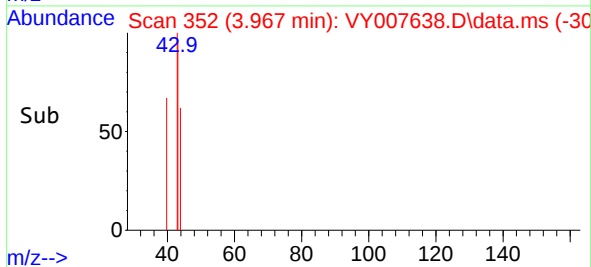
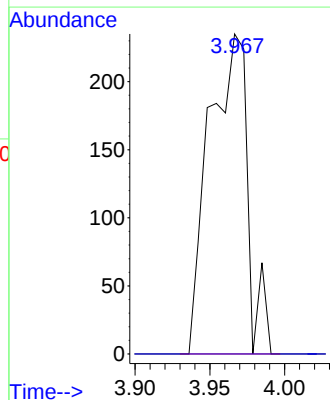
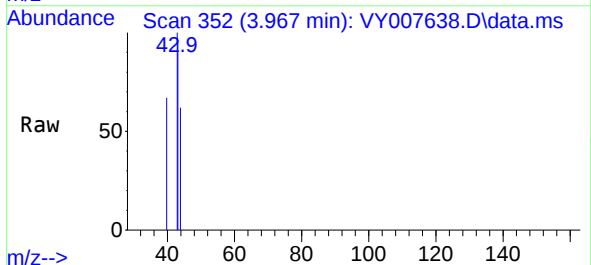
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

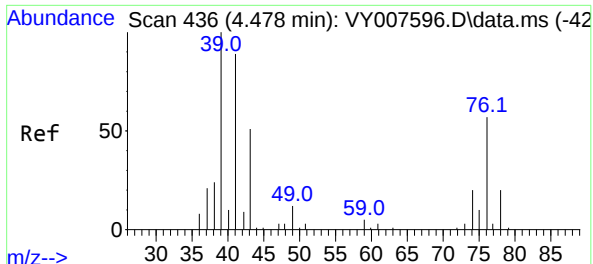
Tgt Ion: 94 Resp: 293
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#16
Acetone
Concen: 2.408 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.019 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

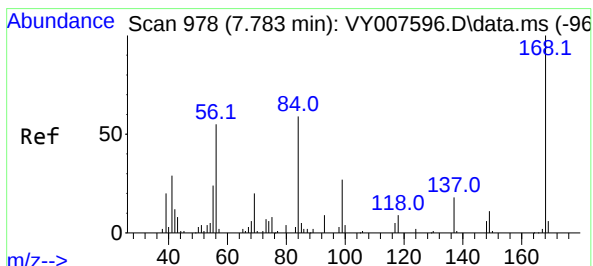
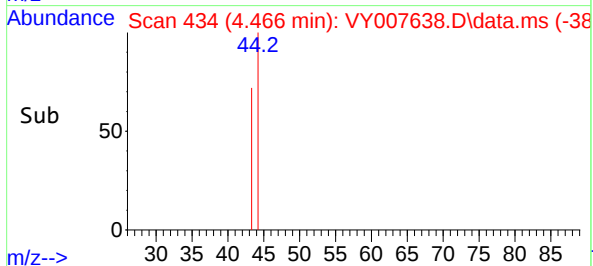
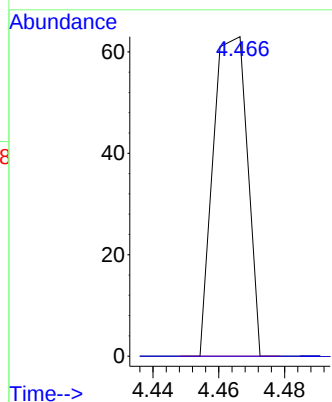
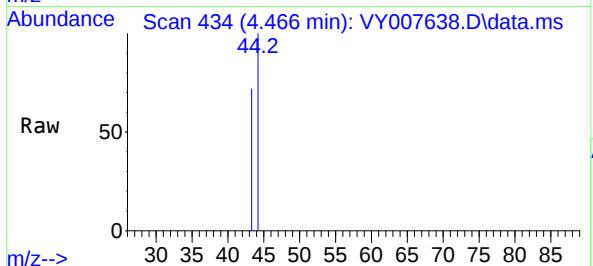




#18
Methyl Acetate
Concen: 1.359 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

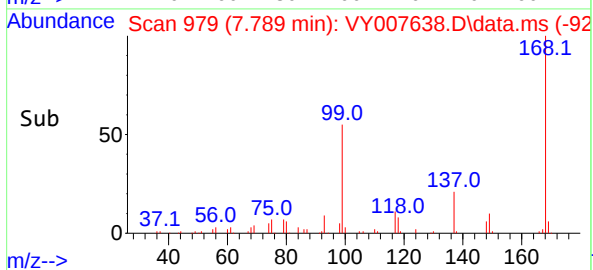
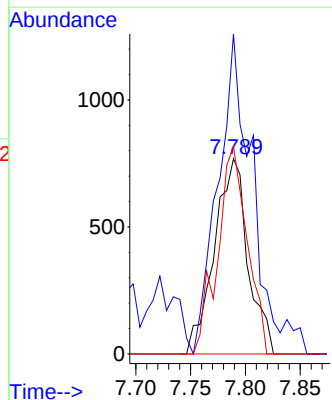
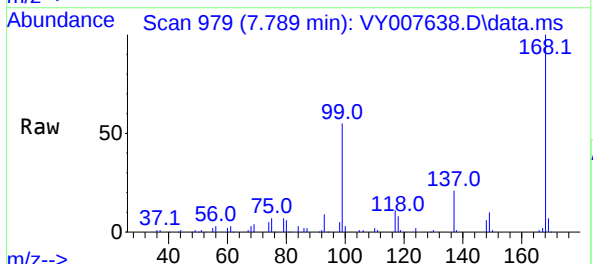
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

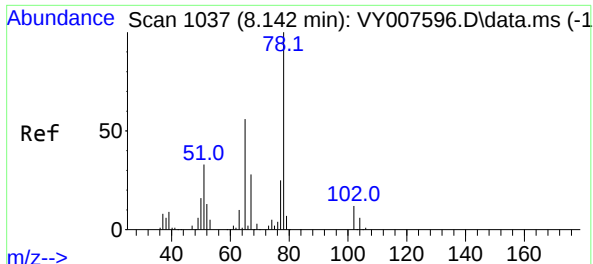
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 56 Resp: 1637
Ion Ratio Lower Upper
56 100
69 153.1 26.7 40.1#
84 106.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.409 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY007638.D

Acq: 25 Feb 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

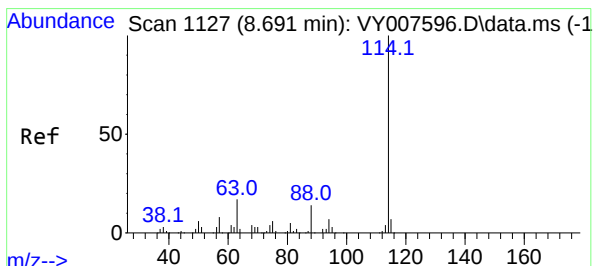
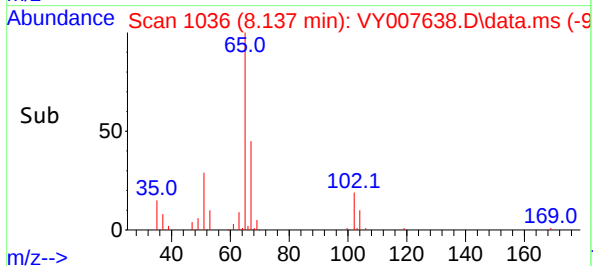
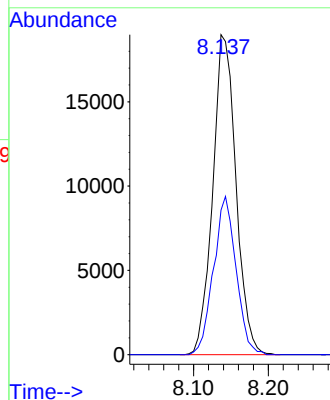
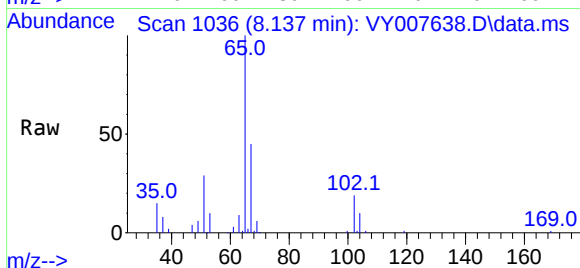
TP-3

Tgt Ion: 65 Resp: 41001

Ion Ratio Lower Upper

65 100

67 48.0 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: VY007638.D

Acq: 25 Feb 2022 15:48

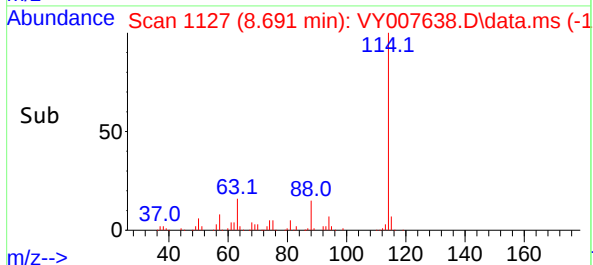
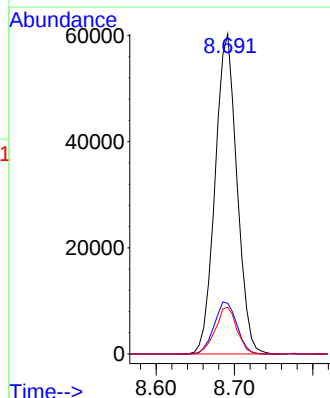
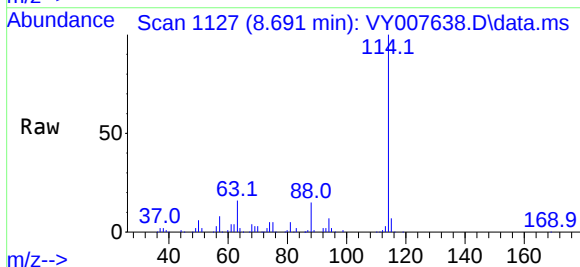
Tgt Ion: 114 Resp: 116827

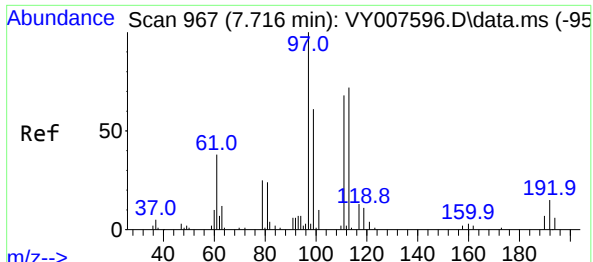
Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 14.6 0.0 31.8

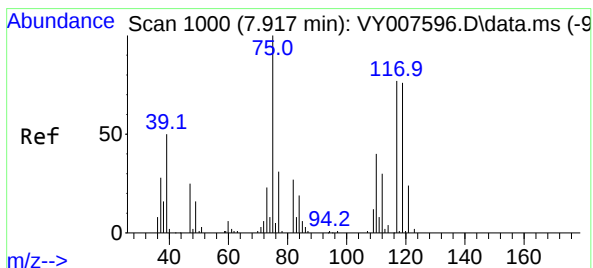
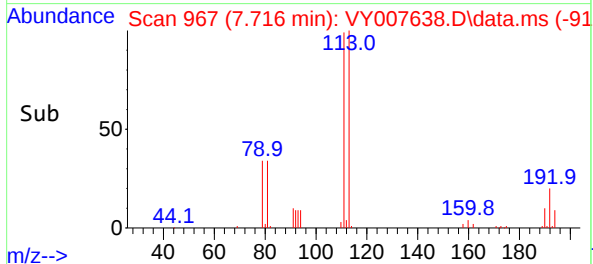
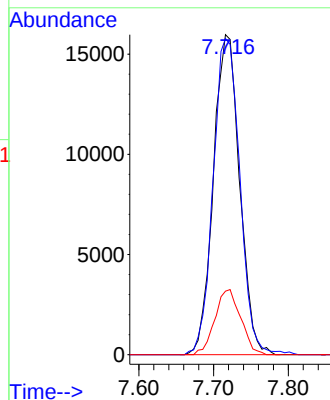
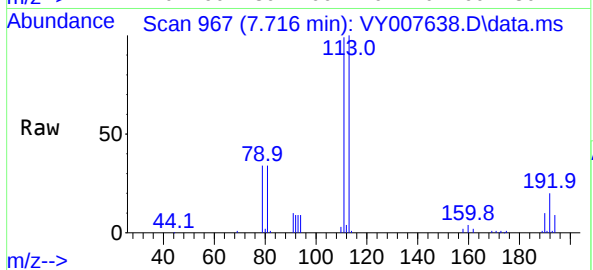




#35
Dibromofluoromethane
Concen: 52.828 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

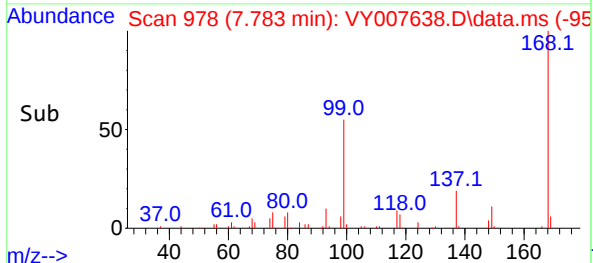
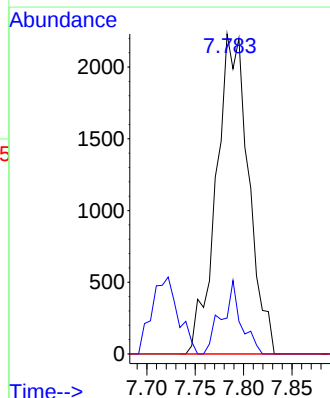
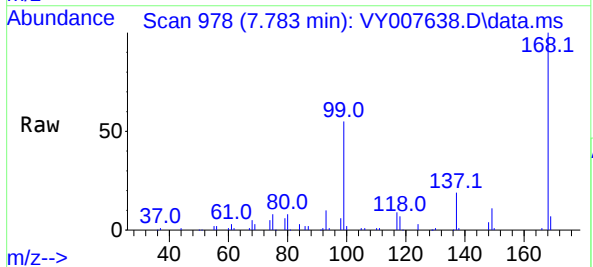
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

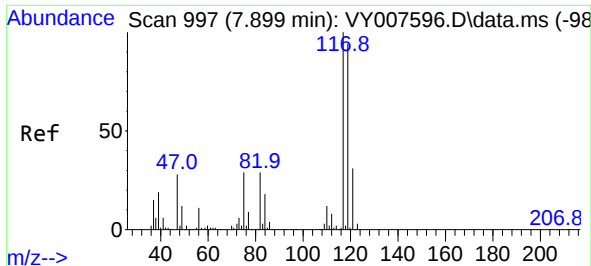
Tgt Ion:113 Resp: 38943
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.873 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

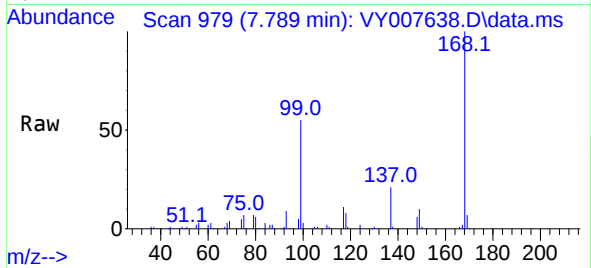
Tgt Ion: 75 Resp: 5177
Ion Ratio Lower Upper
75 100
110 13.6 17.1 51.2#
77 0.0 24.4 36.6#



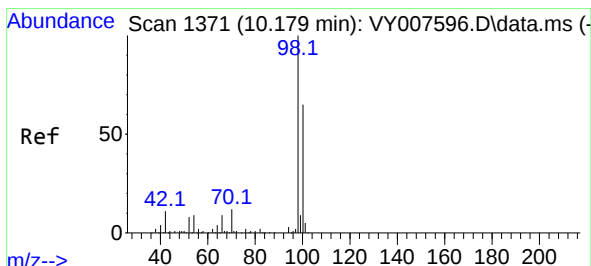
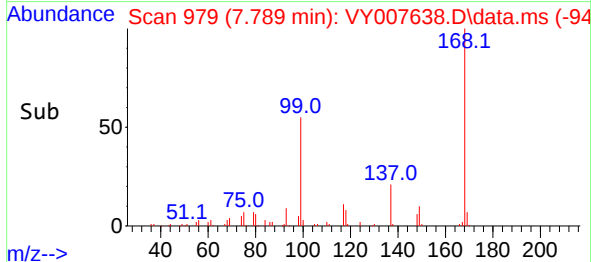
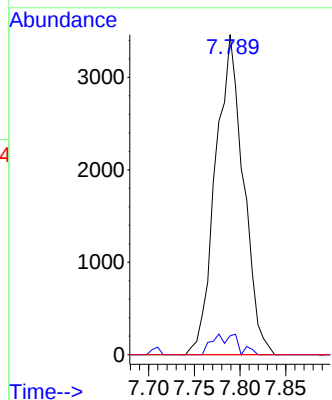


#38
Carbon Tetrachloride
Concen: 4.726 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

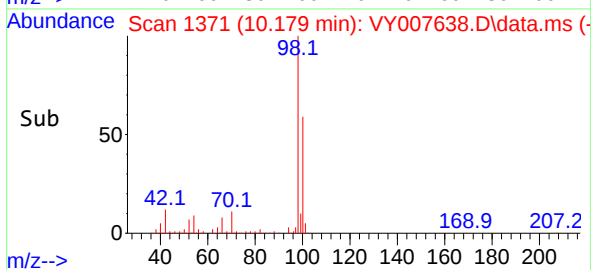
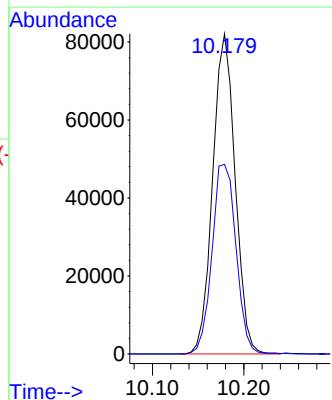
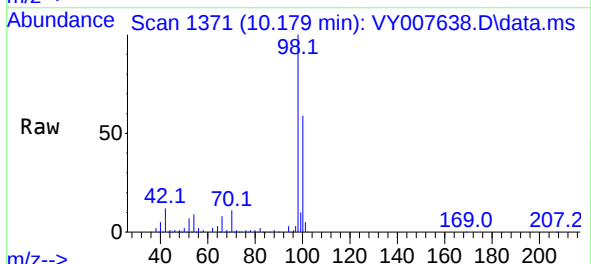


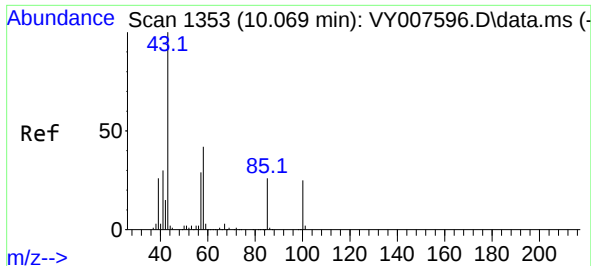
Tgt Ion:117 Resp: 7351
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 98 Resp: 140045
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.139 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY007638.D

Acq: 25 Feb 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

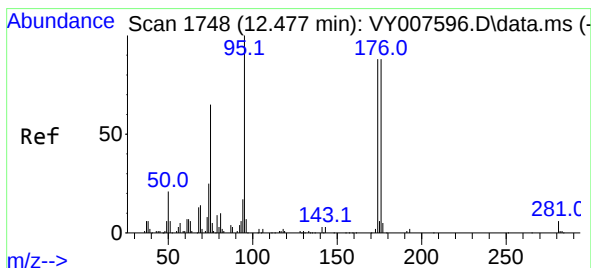
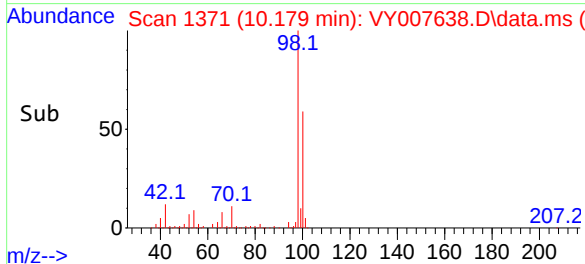
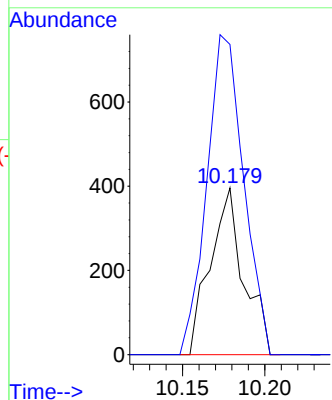
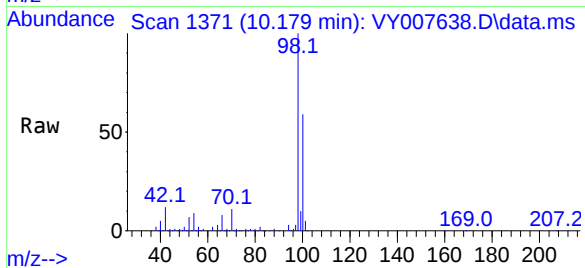
TP-3

Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

58 211.6 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 56.120 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY007638.D

Acq: 25 Feb 2022 15:48

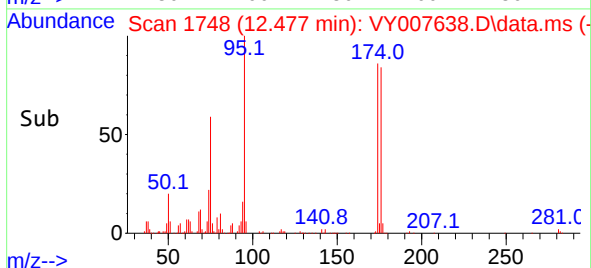
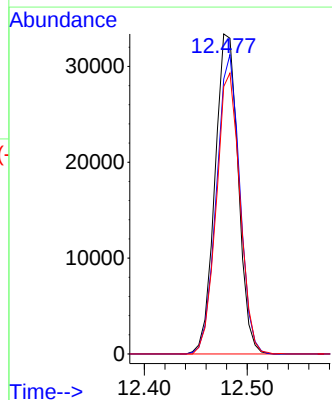
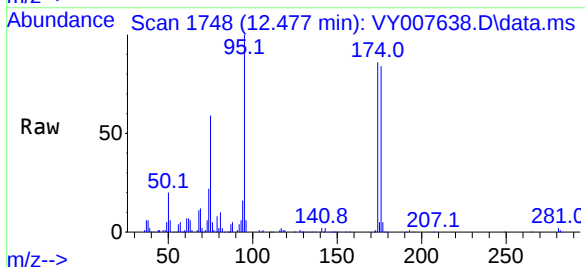
Tgt Ion: 95 Resp: 52310

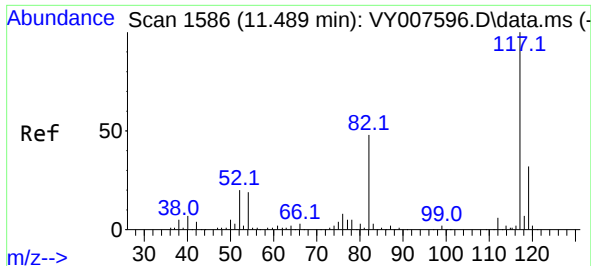
Ion Ratio Lower Upper

95 100

174 93.4 0.0 177.0

176 89.1 0.0 175.8

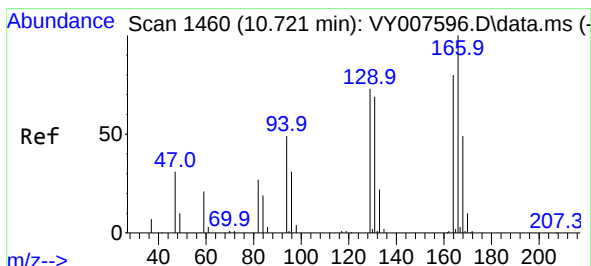
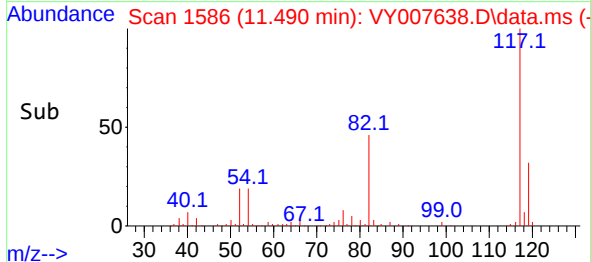
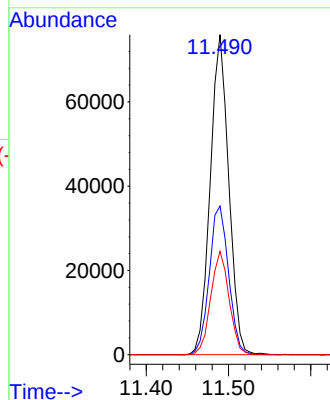
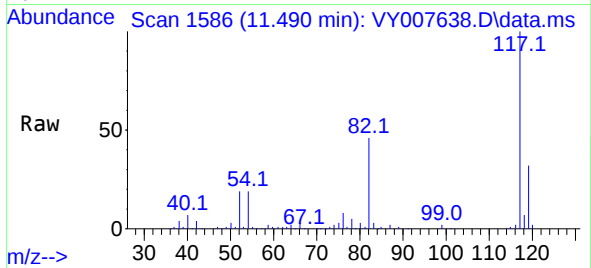




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

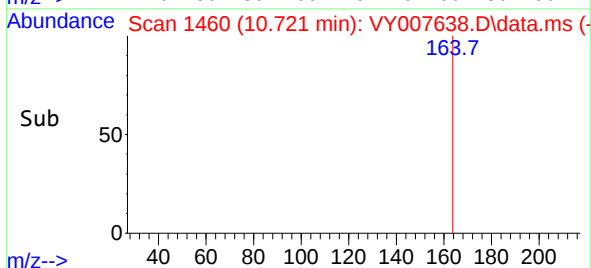
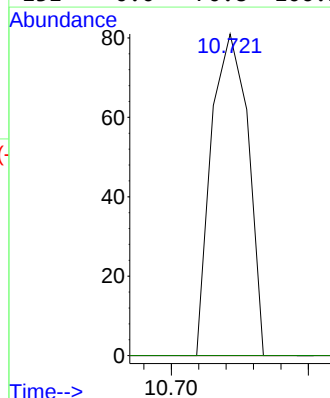
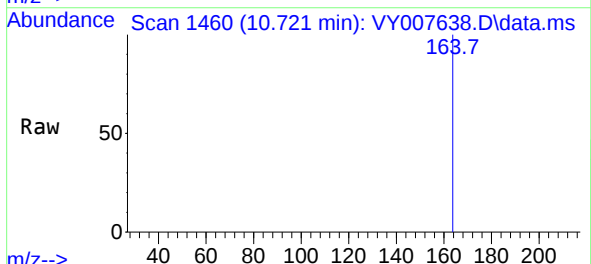
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

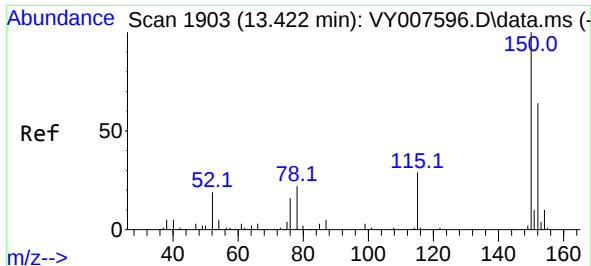
Tgt Ion:117 Resp: 118745
Ion Ratio Lower Upper
117 100
82 46.5 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: Below Cal
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion:164 Resp: 75
Ion Ratio Lower Upper
164 100
166 0.0 100.4 150.6#
129 0.0 71.4 107.0#
131 0.0 70.8 106.2#

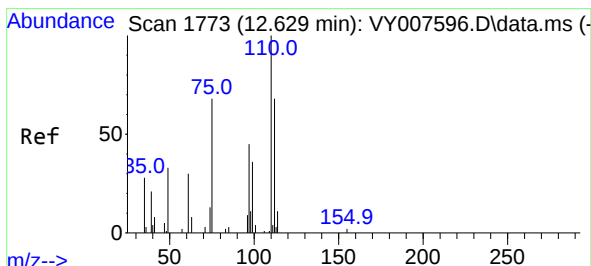
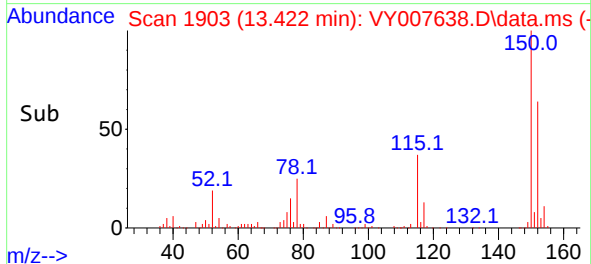
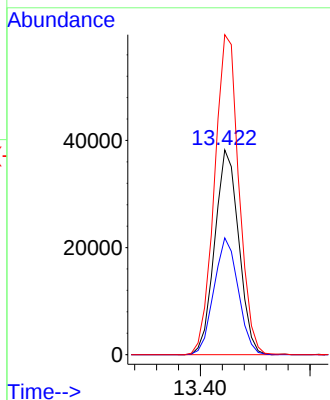
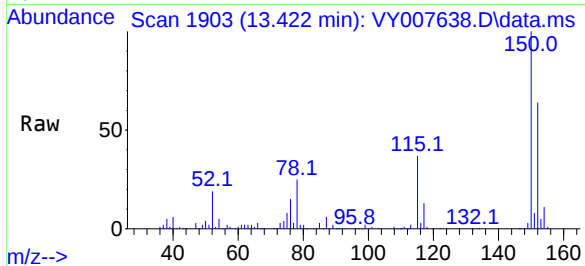




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

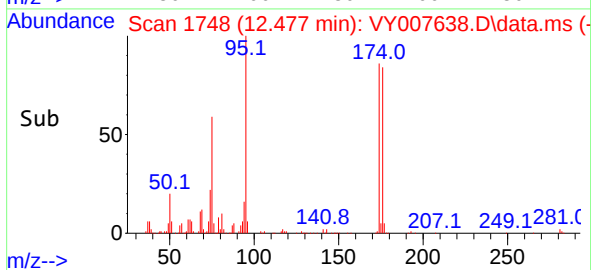
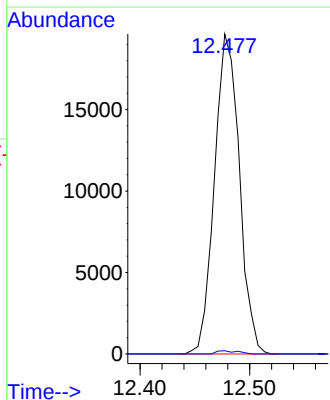
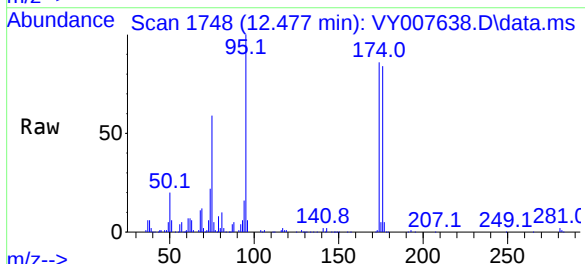
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

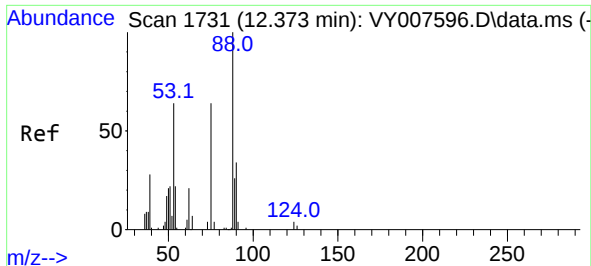
Tgt Ion:152 Resp: 58269
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

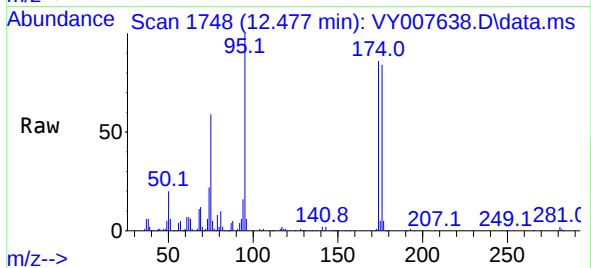
Tgt Ion: 75 Resp: 30927
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.106 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007638.D
 Acq: 25 Feb 2022 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



Tgt Ion:	75	Resp:	30927
Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.1	37.0	55.4#

