

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012047.D
 Acq On : 03 Jan 2023 15:22
 Operator : KP/MD
 Sample : 01001-04
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C3

Quant Time: Jan 04 01:18:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

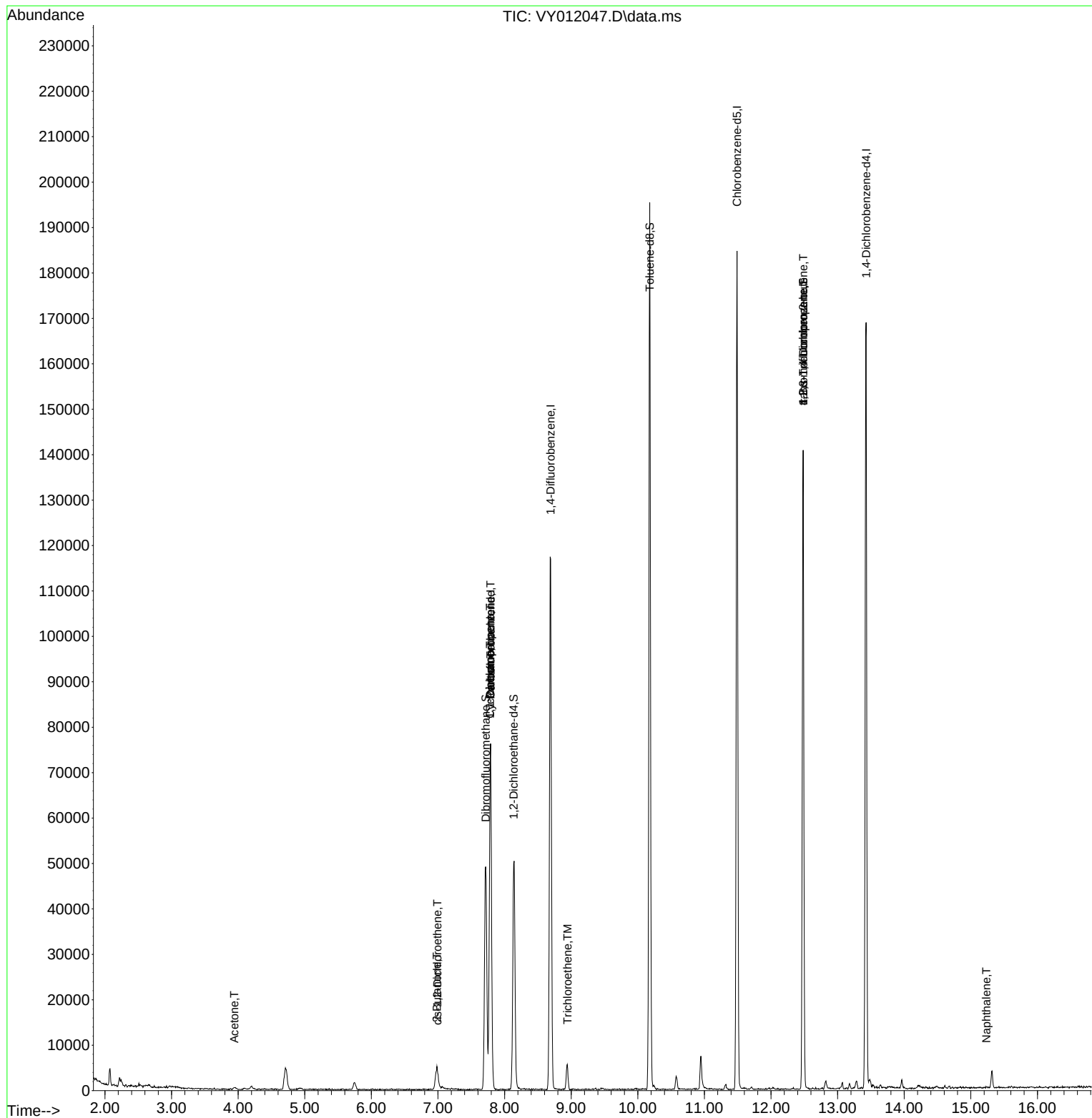
Internal Standards						
1) Pentafluorobenzene	7.789	168	60061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42509	70.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.500%			
35) Dibromofluoromethane	7.716	113	35324	55.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.540%			
50) Toluene-d8	10.179	98	126086	49.066	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.483	95	41544	48.070	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.140%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	494	Below Cal	#	74
16) Acetone	3.942	43	760	8.999	ug/l #	87
20) Methylene Chloride	4.716	84	4014	Below Cal	#	88
25) 2-Butanone	6.984	43	710	3.522	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	1266	1.813	ug/l	95
31) Cyclohexane	7.783	56	1209	1.187	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	4349	4.281	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6043	5.150	ug/l #	19
44) Trichloroethene	8.947	130	2169	2.647	ug/l	67
76) 1,2,3-Trichloropropane	12.483	75	21634	36.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21634	100.161	ug/l #	13
95) Naphthalene	15.233	128	194	2.883	ug/l #	69

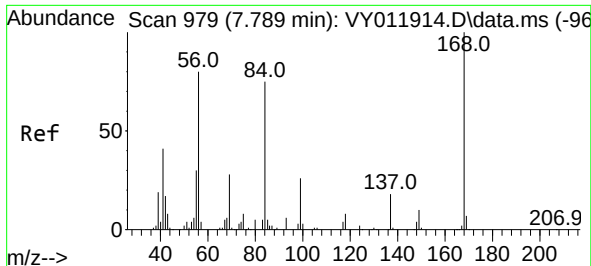
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
Data File : VY012047.D
Acq On : 03 Jan 2023 15:22
Operator : KP/MD
Sample : 01001-04
Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

Quant Time: Jan 04 01:18:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

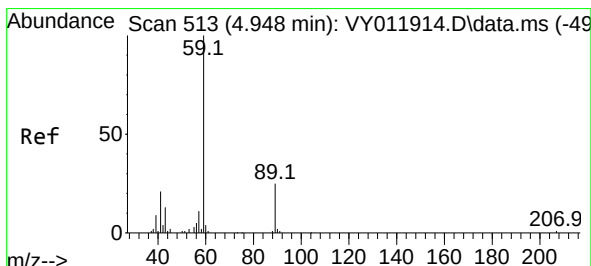
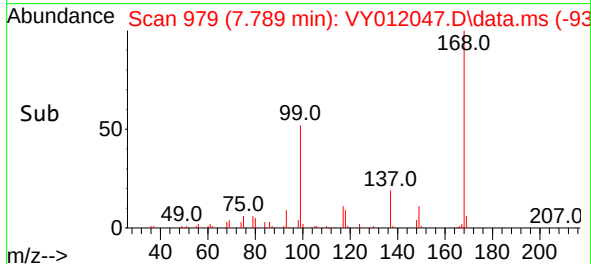
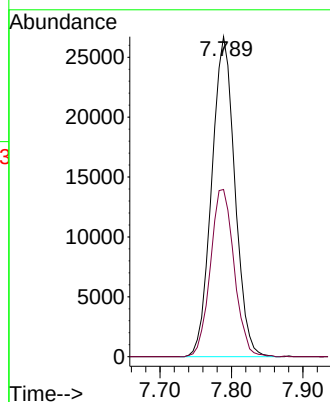
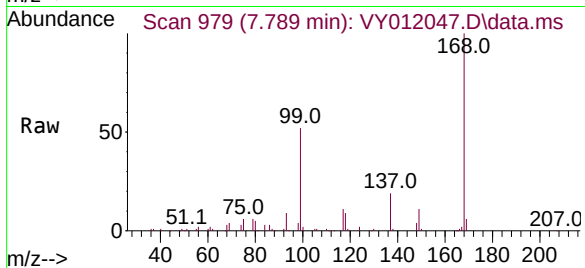




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

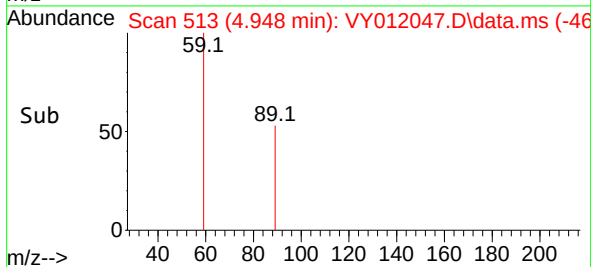
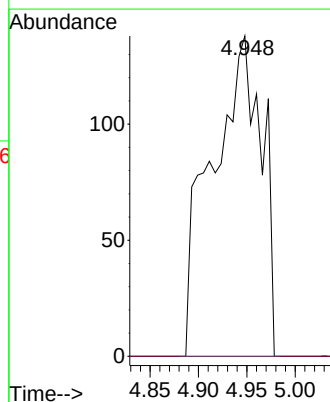
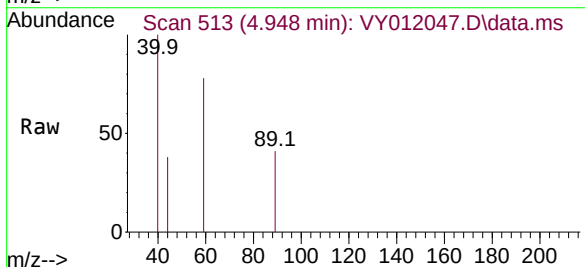
Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

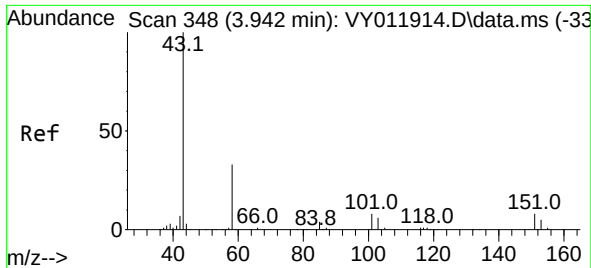
Tgt Ion:168 Resp: 60061
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

Tgt Ion: 59 Resp: 494
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 8.999 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

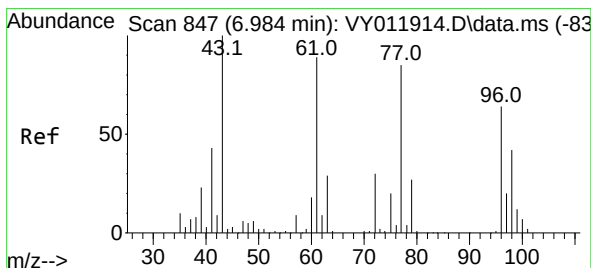
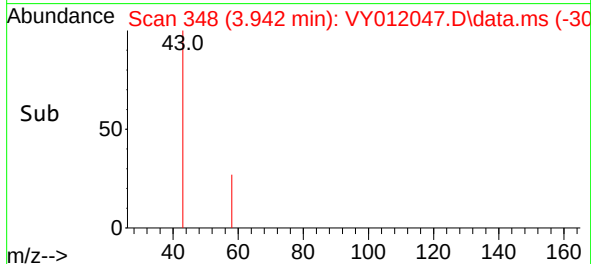
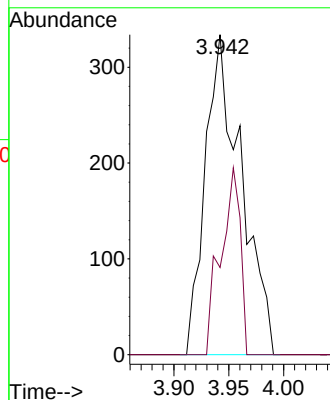
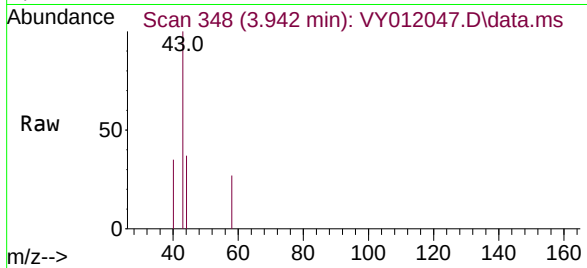
TP-C3

Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 27.2 27.9 41.9#



#25

2-Butanone

Concen: 3.522 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012047.D

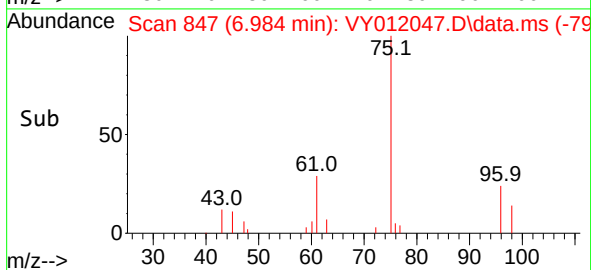
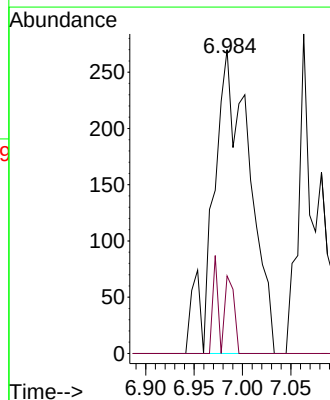
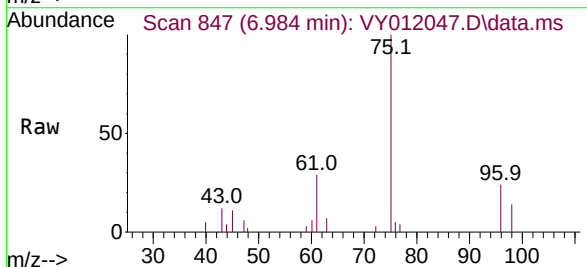
Acq: 03 Jan 2023 15:22

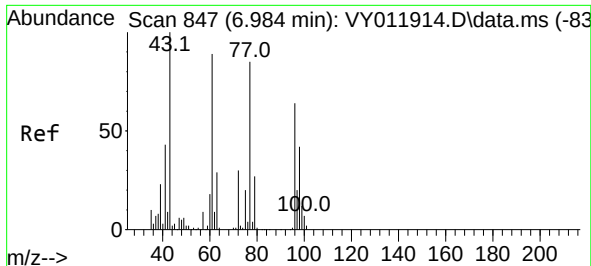
Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

72 25.6 22.6 34.0





#27

cis-1,2-Dichloroethene

Concen: 1.813 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-C3

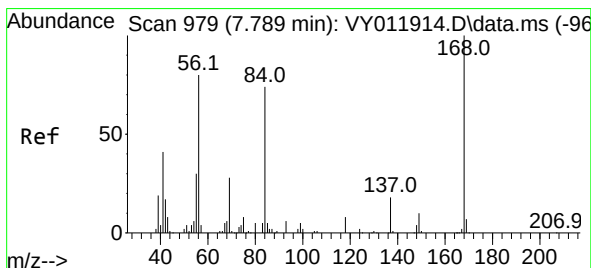
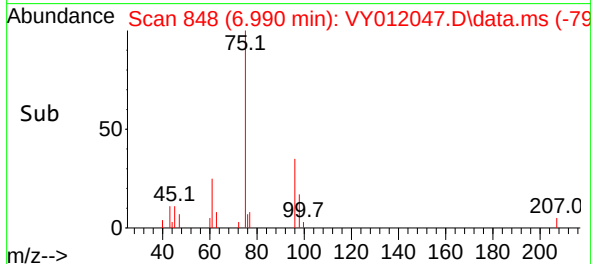
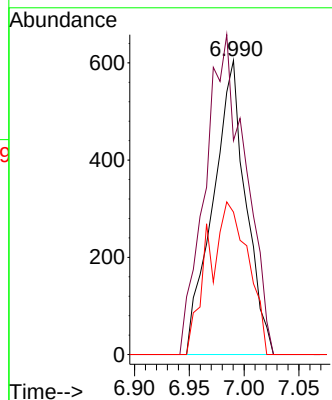
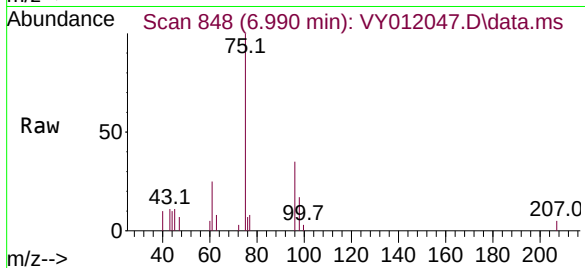
Tgt Ion: 96 Resp: 1266

Ion Ratio Lower Upper

96 100

61 132.9 0.0 283.4

98 62.9 0.0 127.6



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

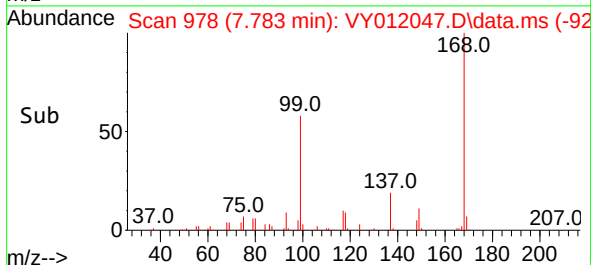
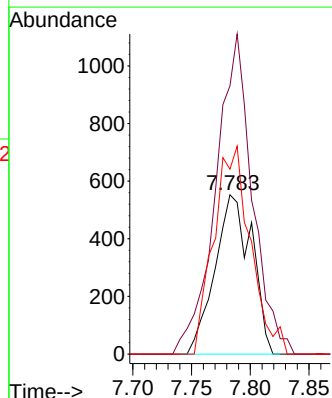
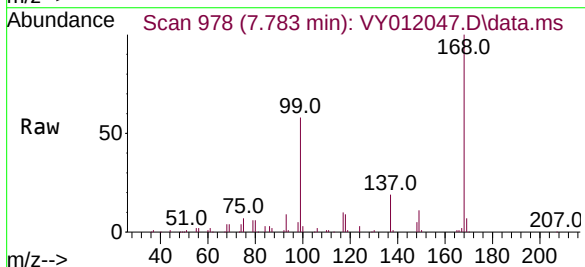
Tgt Ion: 56 Resp: 1209

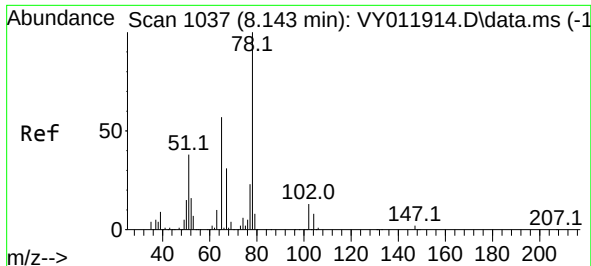
Ion Ratio Lower Upper

56 100

69 159.1 29.2 43.8#

84 116.1 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 70.251 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

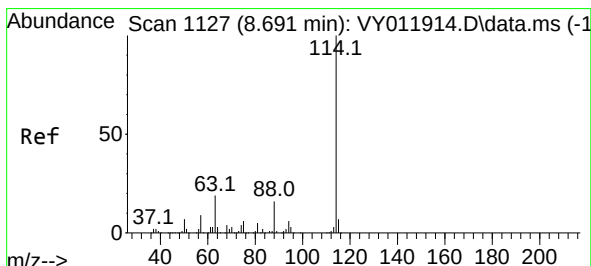
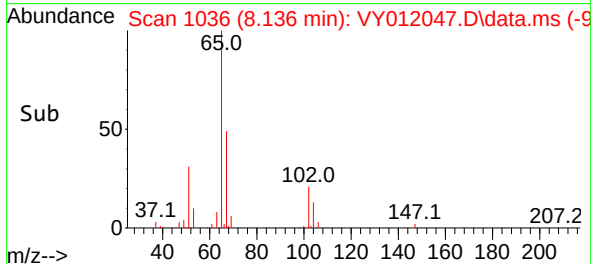
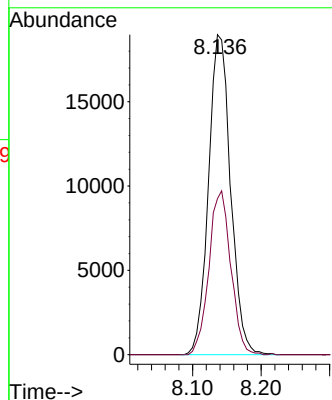
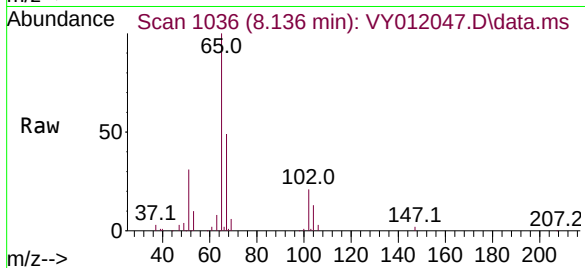
TP-C3

Tgt Ion: 65 Resp: 42509

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

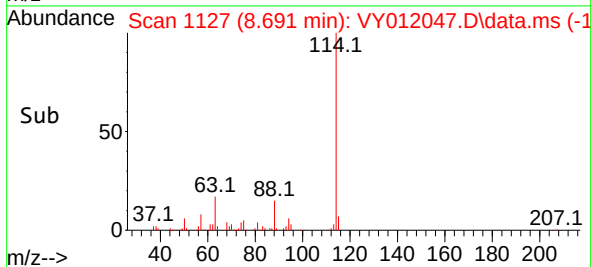
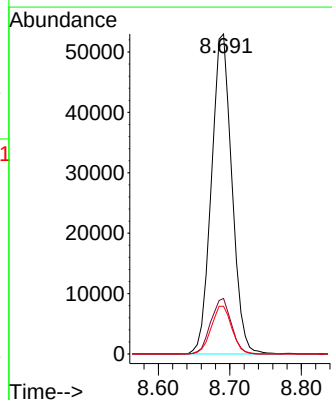
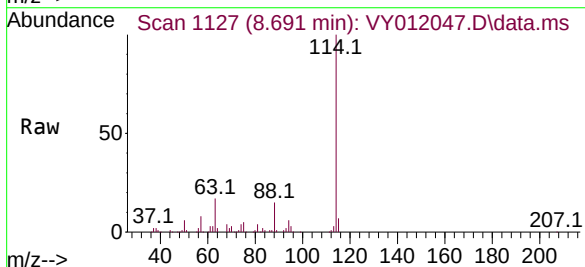
Tgt Ion: 114 Resp: 105205

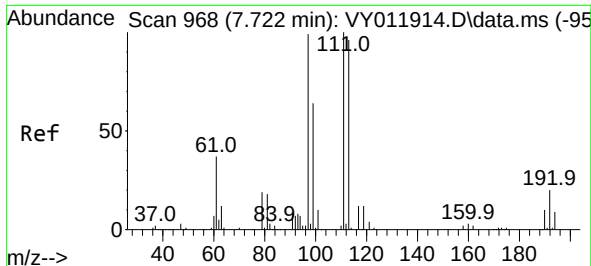
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.9 0.0 32.2

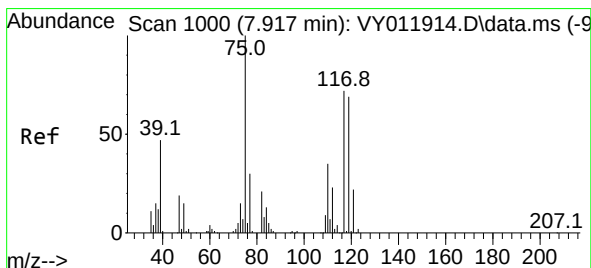
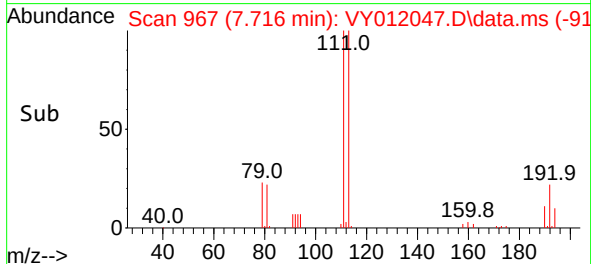
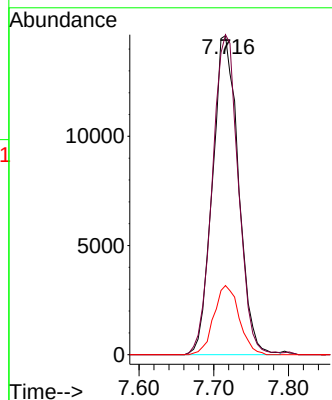
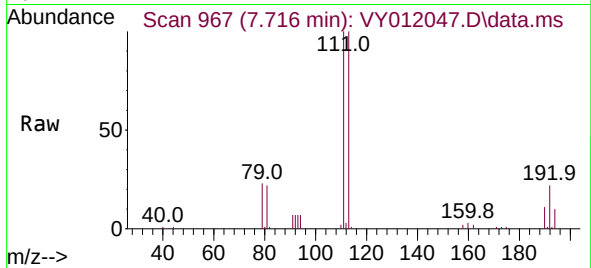




#35
Dibromofluoromethane
Concen: 55.772 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

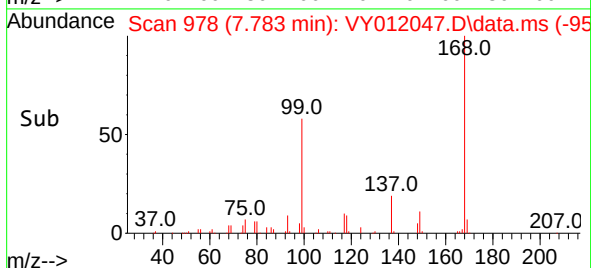
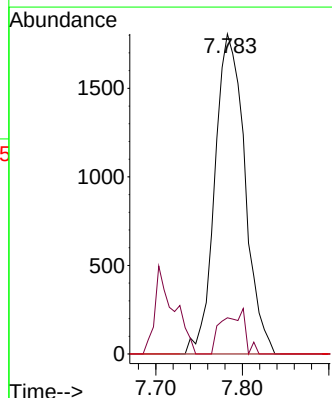
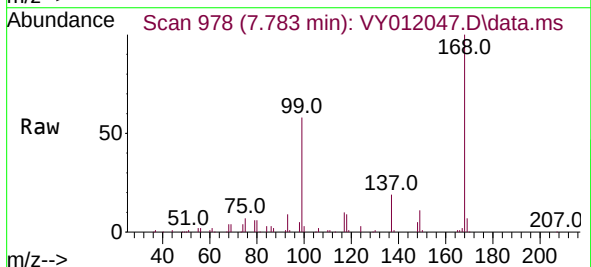
Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

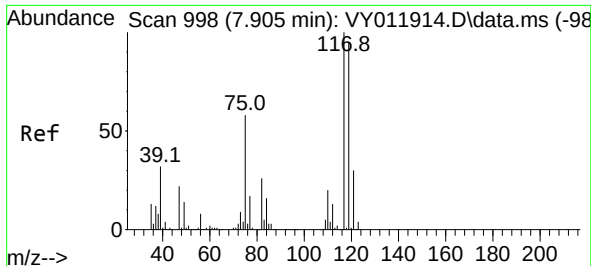
Tgt Ion:113 Resp: 35324
Ion Ratio Lower Upper
113 100
111 100.4 83.0 124.4
192 21.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

Tgt Ion: 75 Resp: 4349
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#

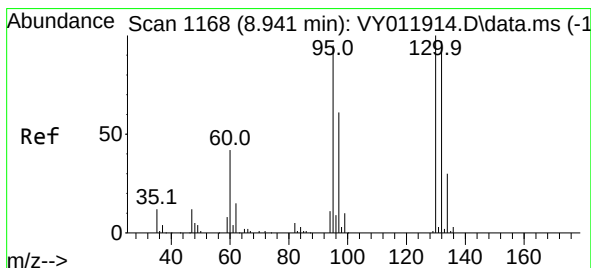
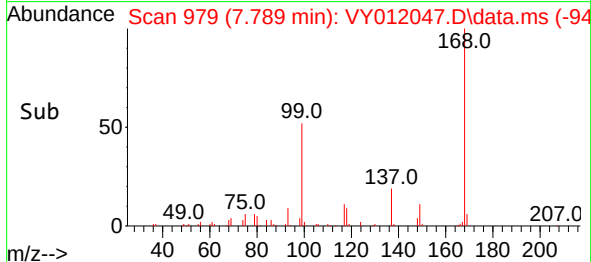
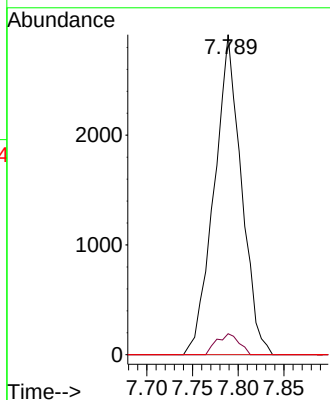
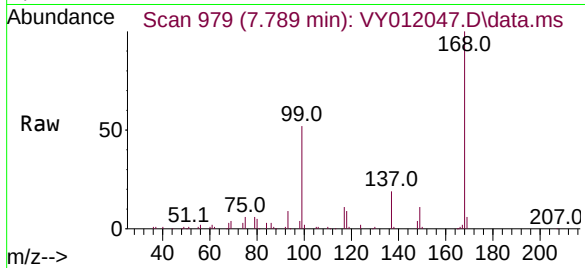




#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

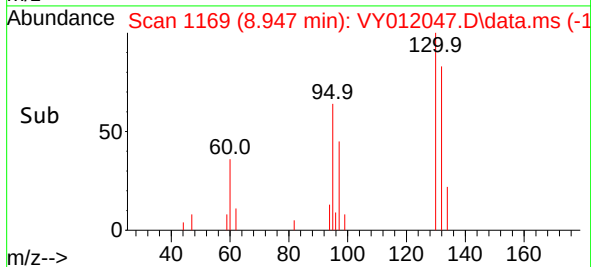
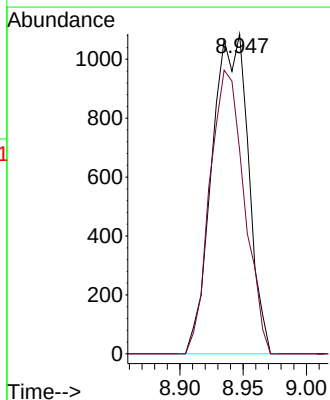
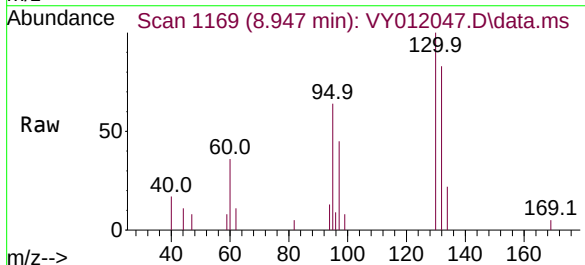
Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

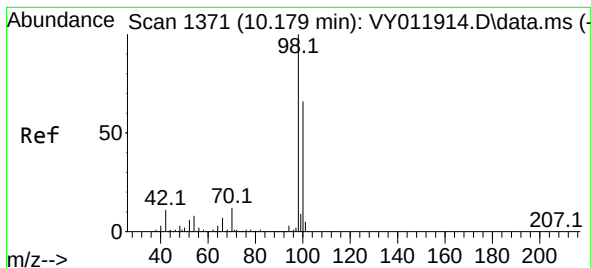
Tgt Ion:117 Resp: 6043
Ion Ratio Lower Upper
117 100
119 6.6 73.8 110.8#
121 0.0 25.2 37.8#



#44
Trichloroethene
Concen: 2.647 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

Tgt Ion:130 Resp: 2169
Ion Ratio Lower Upper
130 100
95 63.6 0.0 190.6





#50

Toluene-d8

Concen: 49.066 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

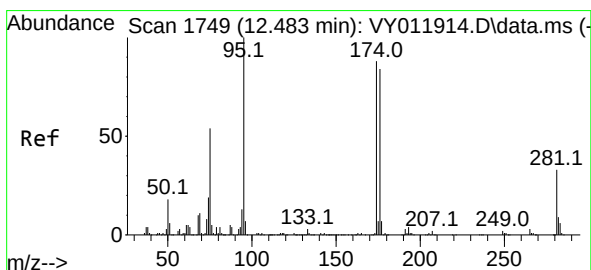
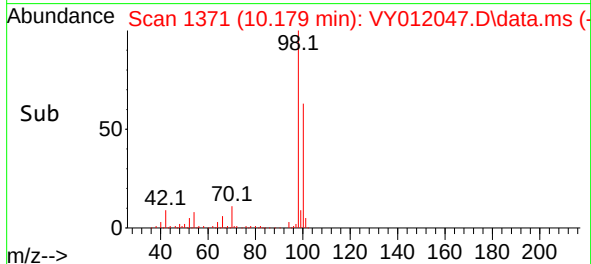
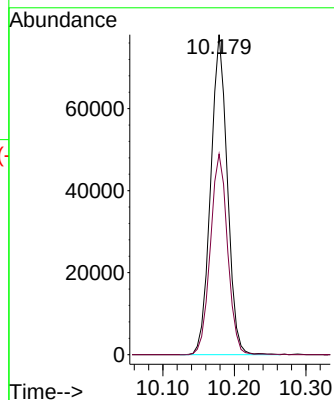
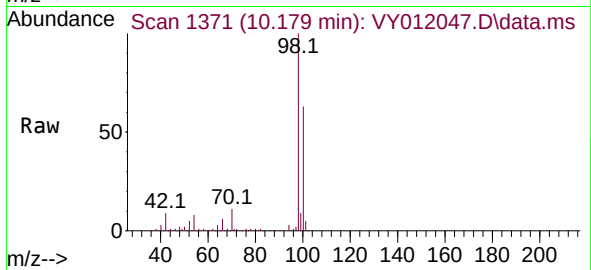
TP-C3

Tgt Ion: 98 Resp: 126086

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.070 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

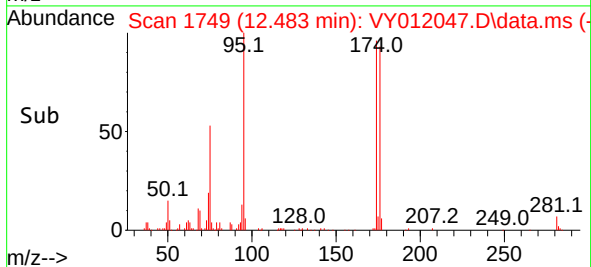
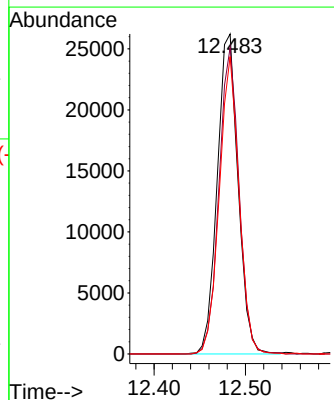
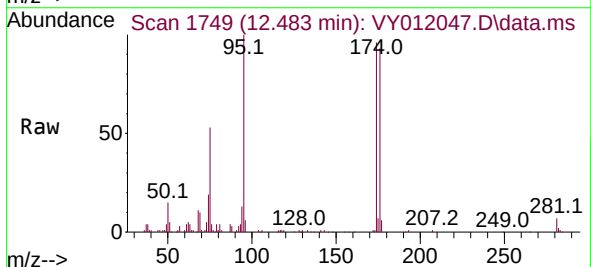
Tgt Ion: 95 Resp: 41544

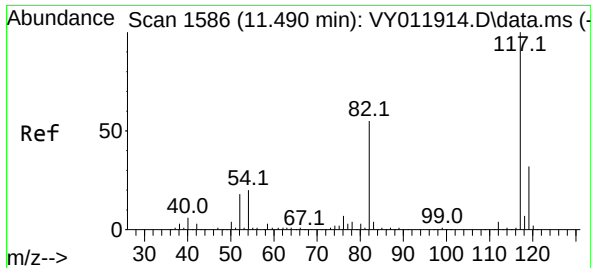
Ion Ratio Lower Upper

95 100

174 92.2 0.0 172.0

176 88.2 0.0 167.6

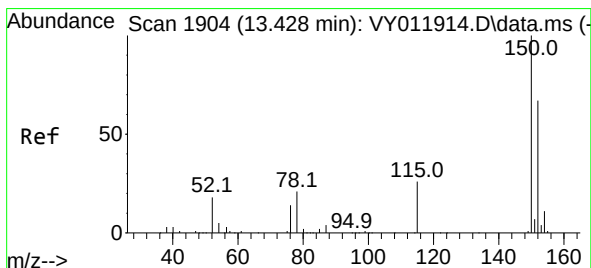
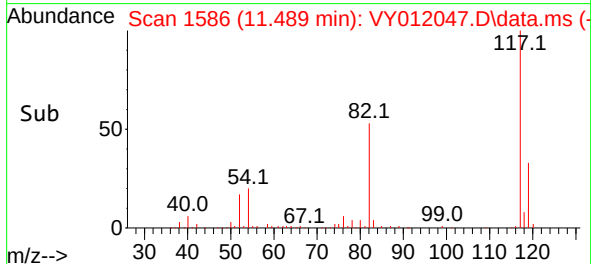
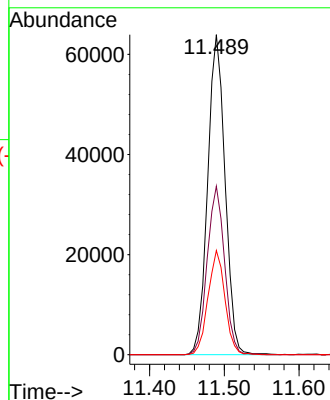
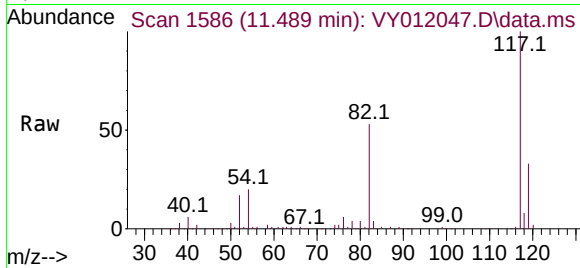




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

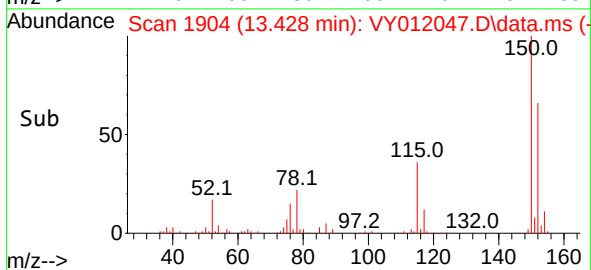
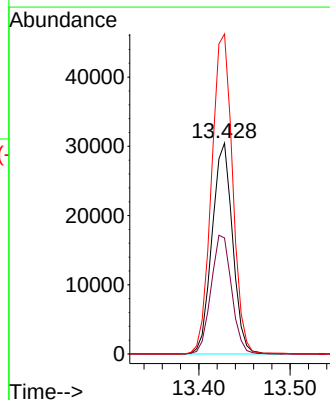
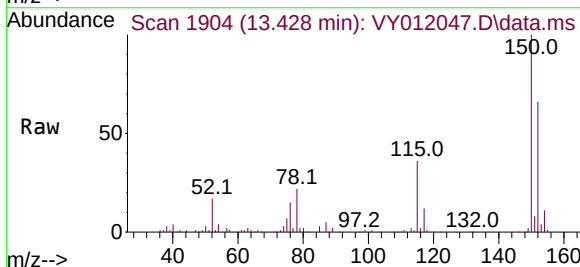
Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

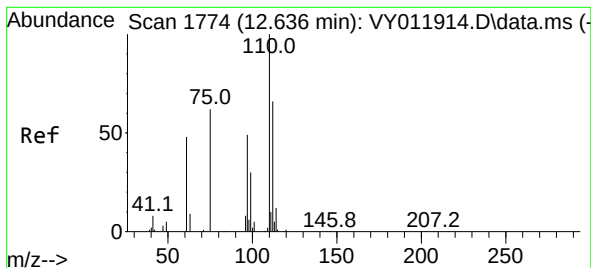
Tgt Ion:117 Resp: 103131
Ion Ratio Lower Upper
117 100
82 52.6 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012047.D
Acq: 03 Jan 2023 15:22

Tgt Ion:152 Resp: 47535
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 155.2 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 36.575 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

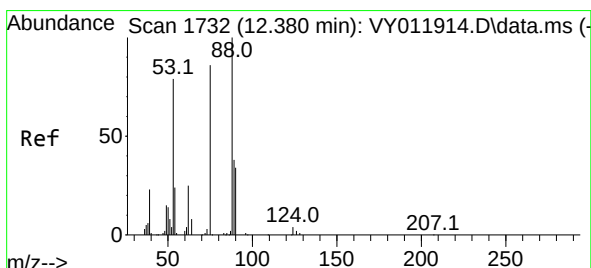
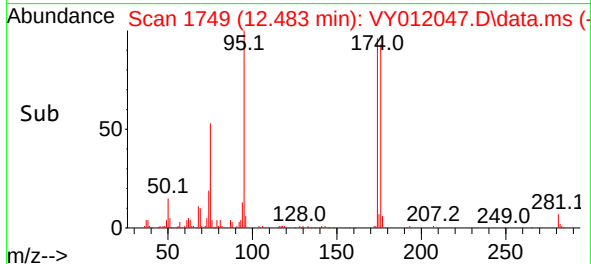
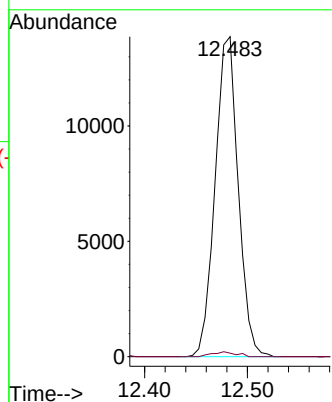
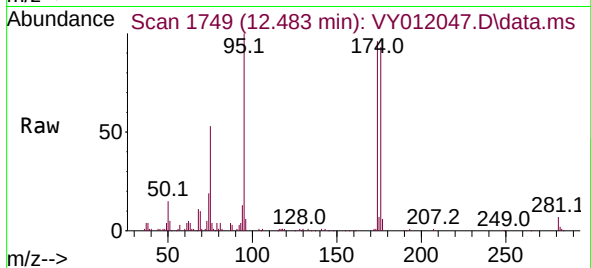
TP-C3

Tgt Ion: 75 Resp: 21634

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 100.161 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY012047.D

Acq: 03 Jan 2023 15:22

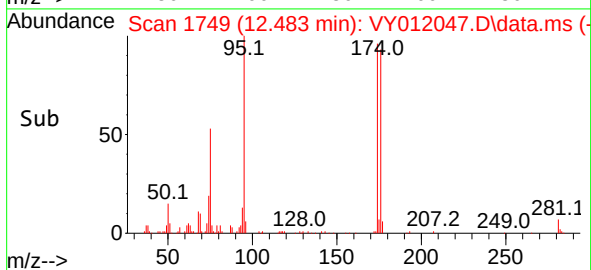
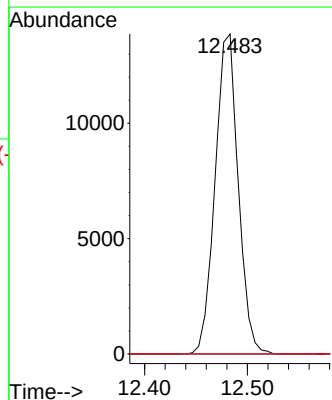
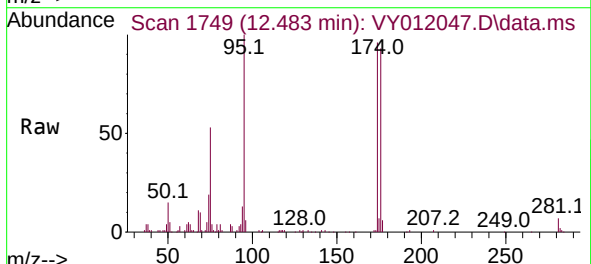
Tgt Ion: 75 Resp: 21634

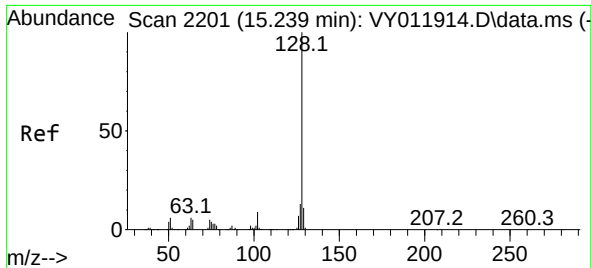
Ion Ratio Lower Upper

75 100

53 0.0 72.5 108.7#

89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.883 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012047.D

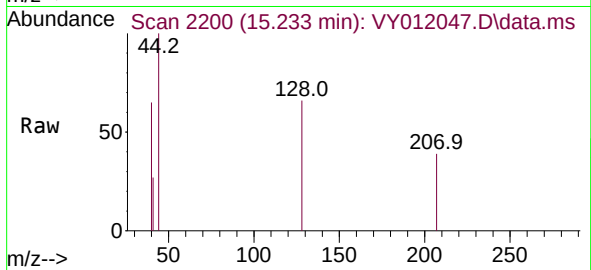
Acq: 03 Jan 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-C3



Tgt Ion:128 Resp: 194

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

