

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009027.D
 Acq On : 24 May 2022 00:03
 Operator : KP/MD
 Sample : N2948-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0612-01

Quant Time: May 24 01:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

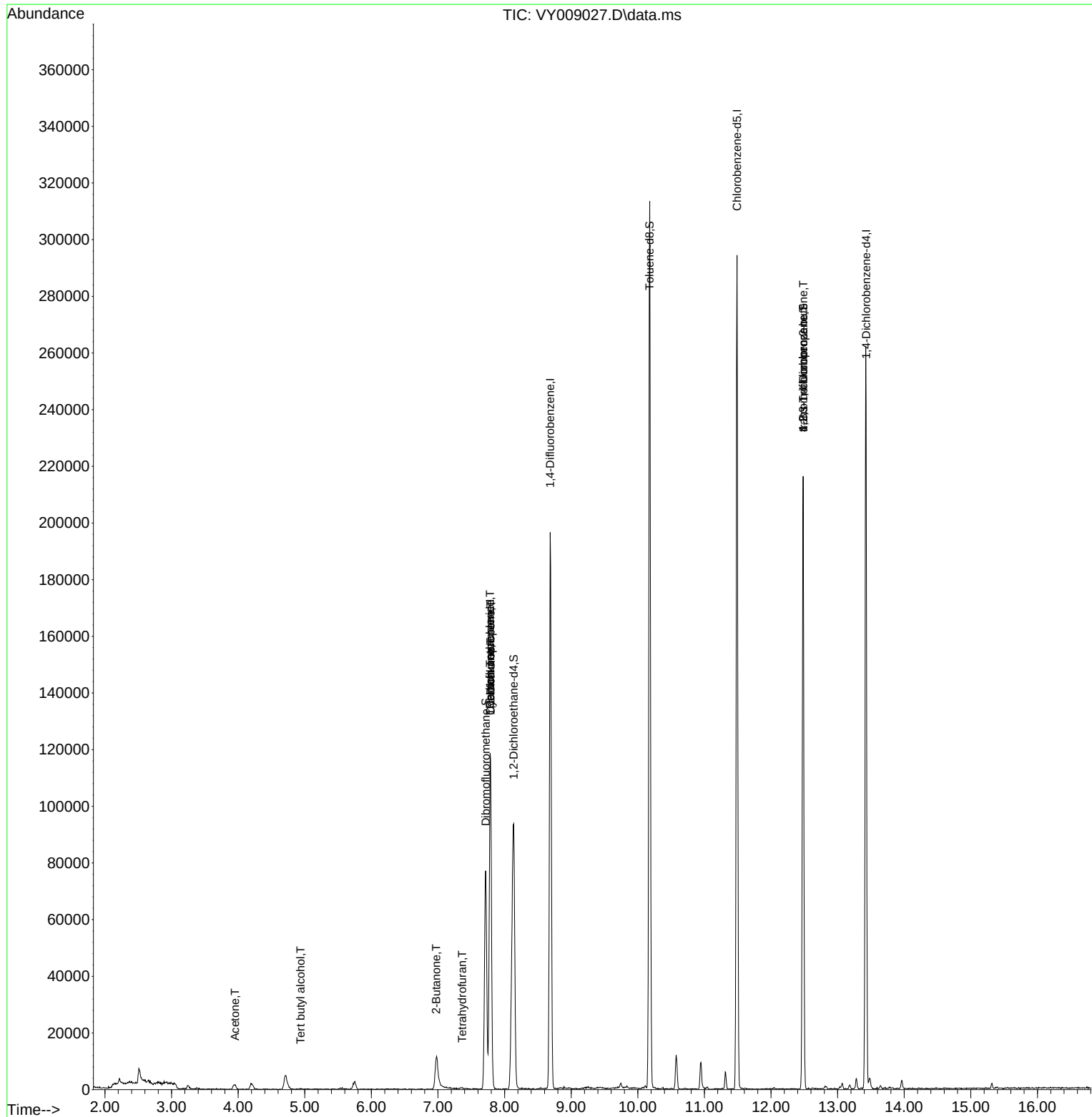
Internal Standards						
1) Pentafluorobenzene	7.783	168	90449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	163866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55884	60.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.060%	
35) Dibromofluoromethane	7.716	113	51867	50.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.179	98	199515	53.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	56062	36.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	319	3.378	ug/l #	77
16) Acetone	3.954	43	3133	16.169	ug/l	90
20) Methylene Chloride	4.710	84	3736	Below Cal	#	68
25) 2-Butanone	6.972	43	363	1.049	ug/l #	54
29) Tetrahydrofuran	7.362	42	285	1.212	ug/l #	53
31) Cyclohexane	7.789	56	2325	1.277	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	7453	4.298	ug/l #	52
38) Carbon Tetrachloride	7.783	117	8679	4.784	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	32335	48.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32335	99.658	ug/l #	7

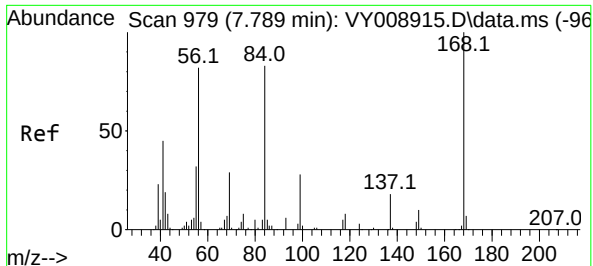
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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P035-SS001-0612-01

Quant Time: May 24 01:53:34 2022
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

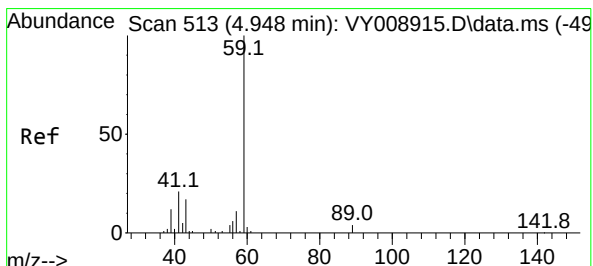
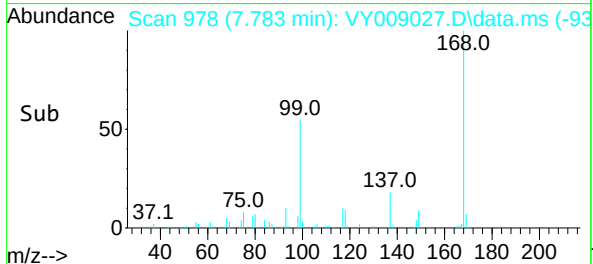
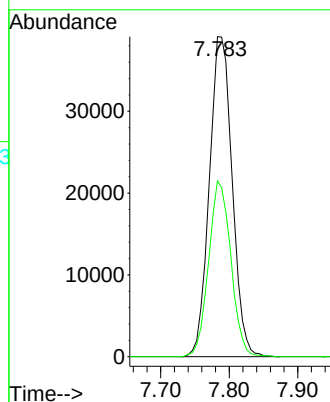
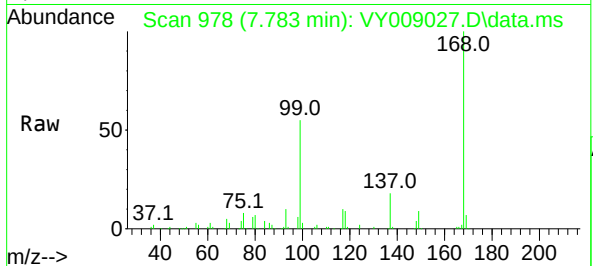




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

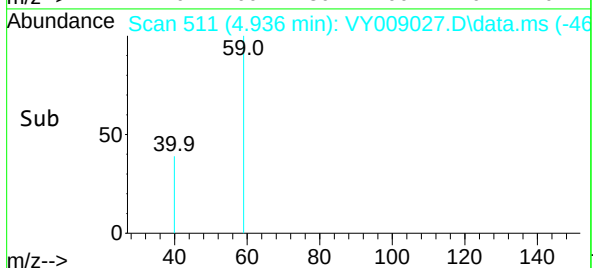
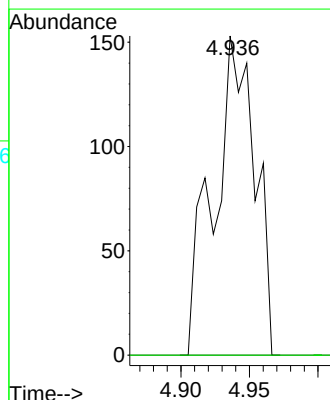
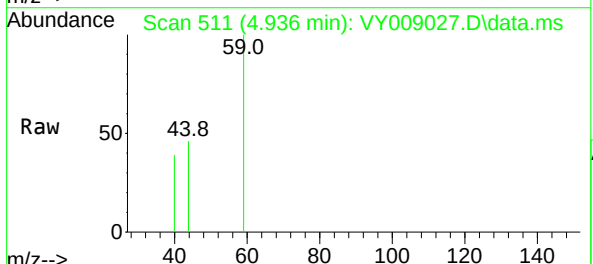
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

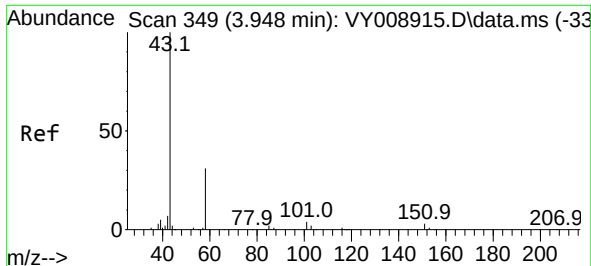
Tgt Ion:168 Resp: 90449
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.378 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

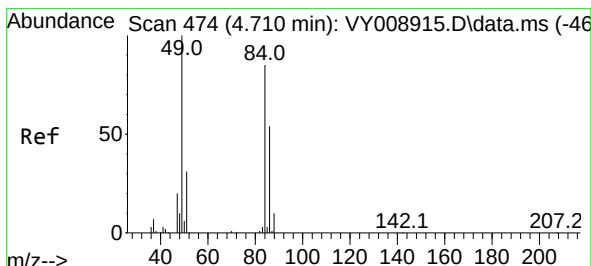
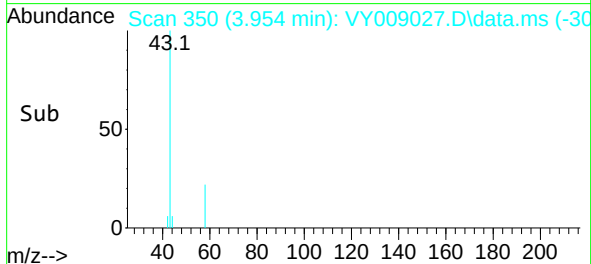
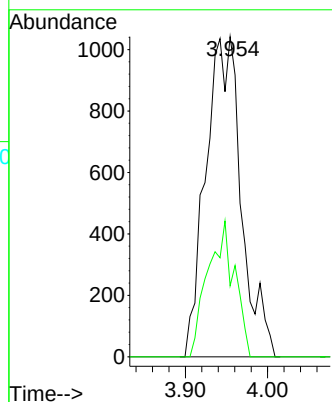
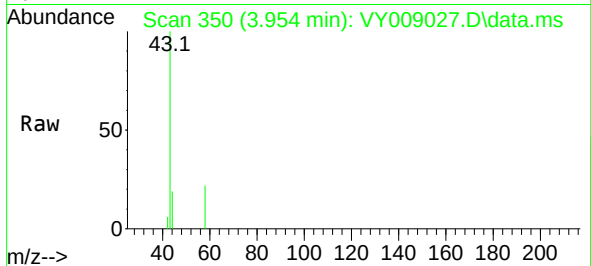




#16
Acetone
Concen: 16.169 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

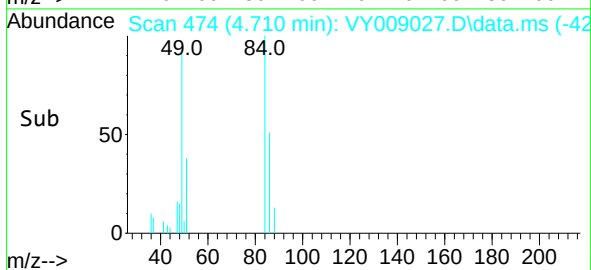
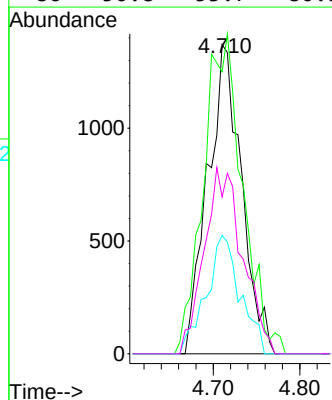
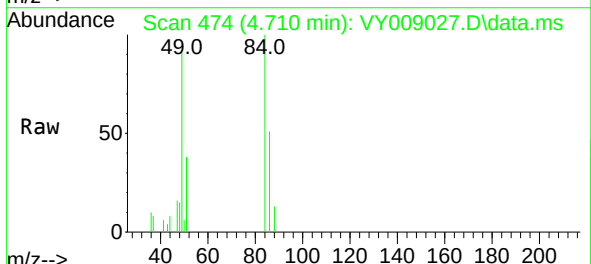
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

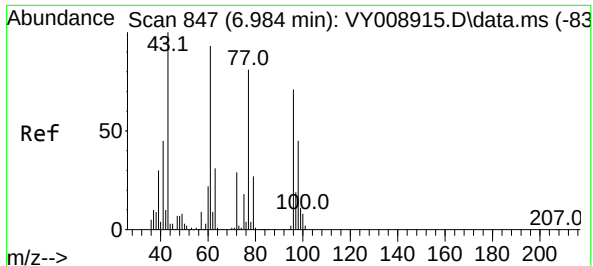
Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
58 22.2 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 84 Resp: 3736
Ion Ratio Lower Upper
84 100
49 87.4 114.4 171.6#
51 38.3 35.3 52.9
86 50.8 53.7 80.5#

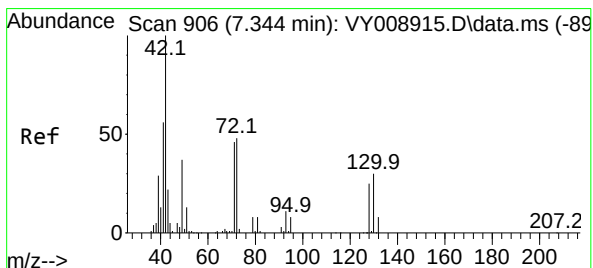
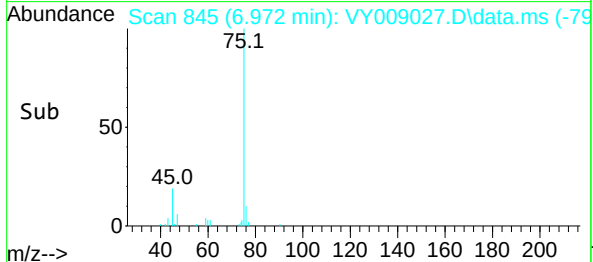
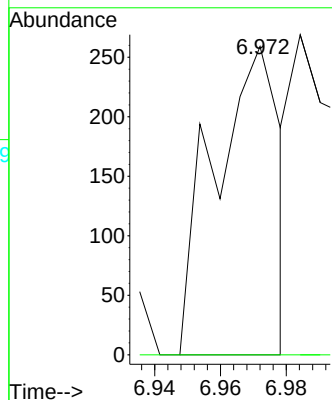
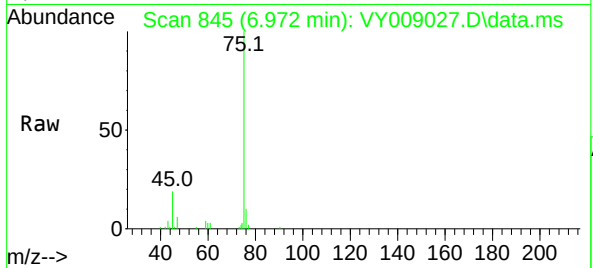




#25
2-Butanone
Concen: 1.049 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

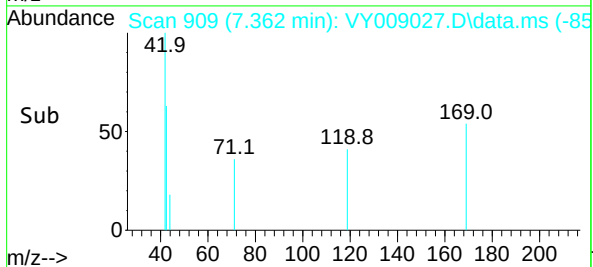
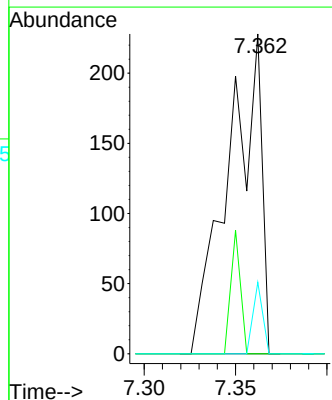
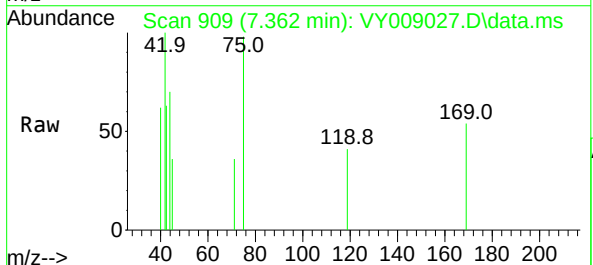
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

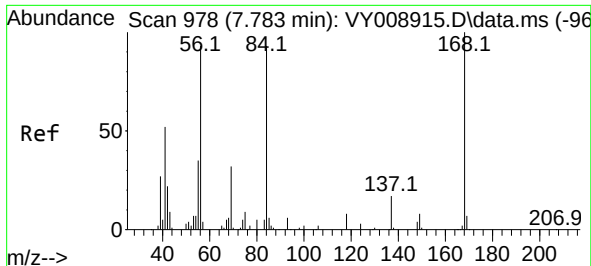
Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.212 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 42 Resp: 285
Ion Ratio Lower Upper
42 100
72 11.2 30.3 45.5#
71 6.7 29.0 43.4#

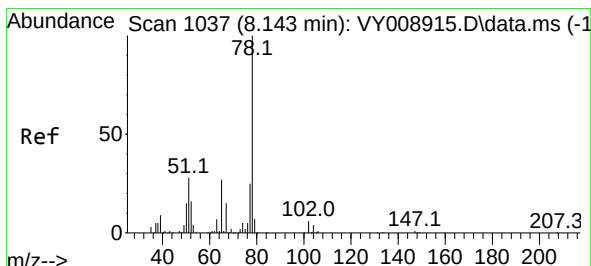
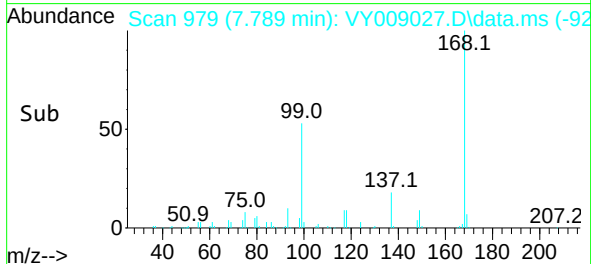
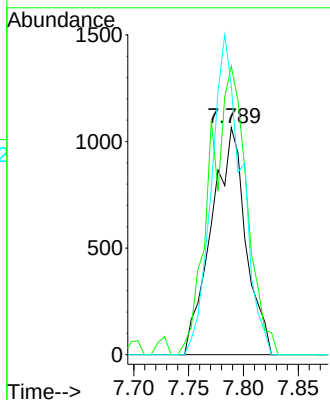
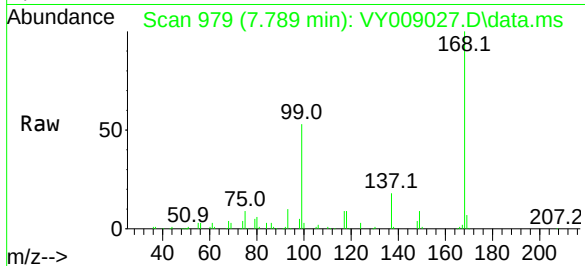




#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

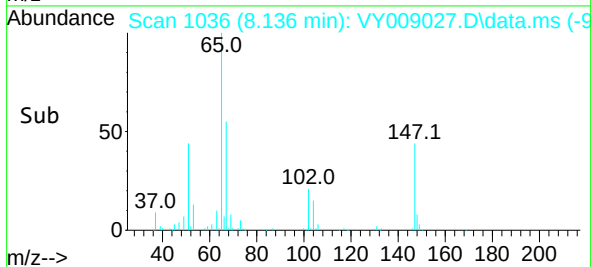
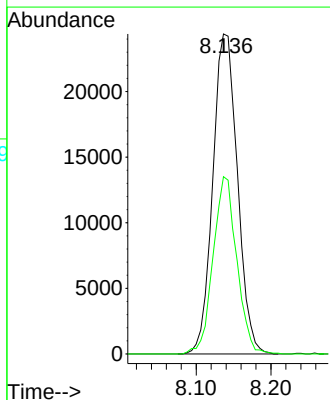
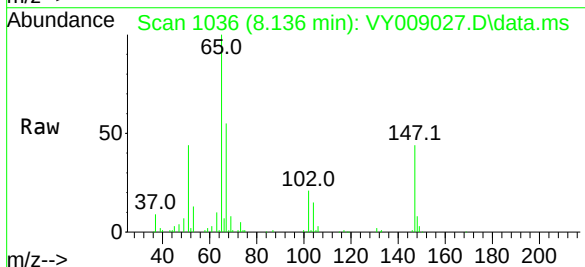
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

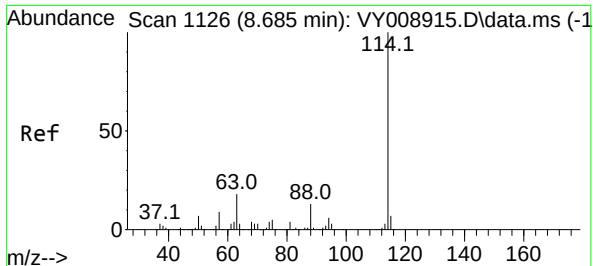
Tgt Ion: 56 Resp: 2325
Ion Ratio Lower Upper
56 100
69 127.0 26.7 40.1#
84 118.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.033 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 65 Resp: 55884
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0612-01

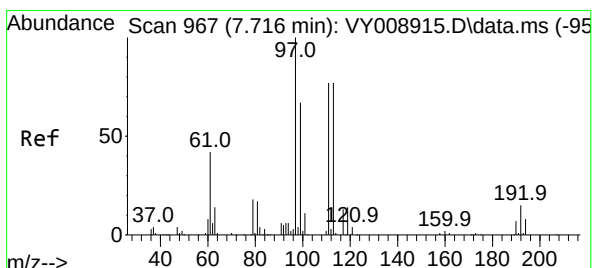
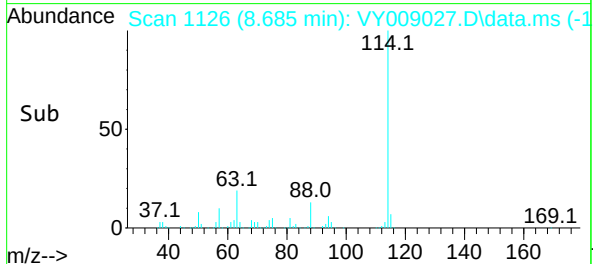
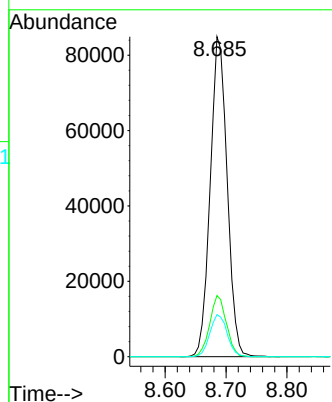
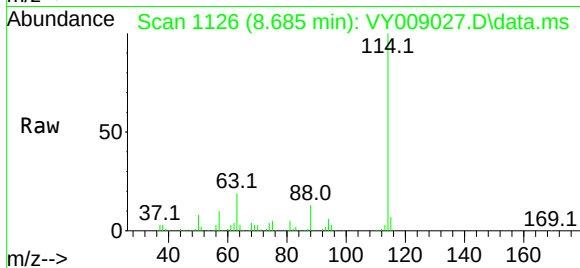
Tgt Ion:114 Resp: 163866

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

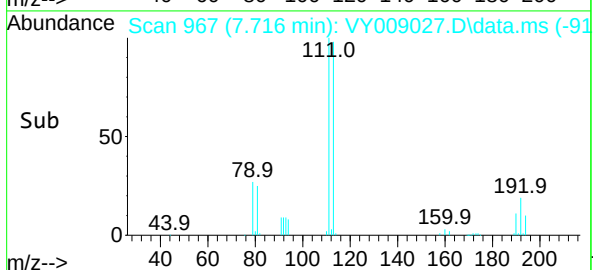
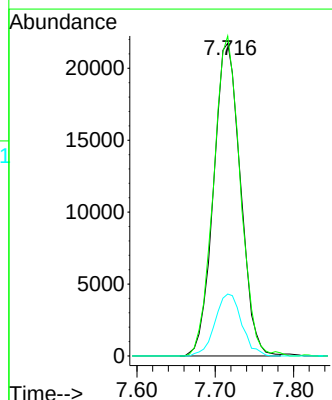
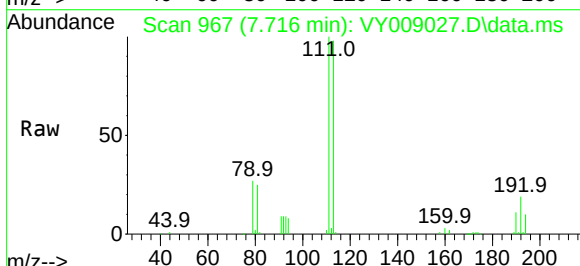
Tgt Ion:113 Resp: 51867

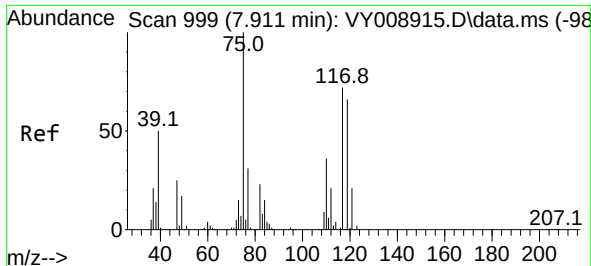
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.298 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0612-01

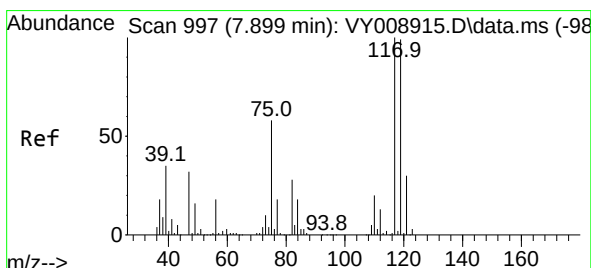
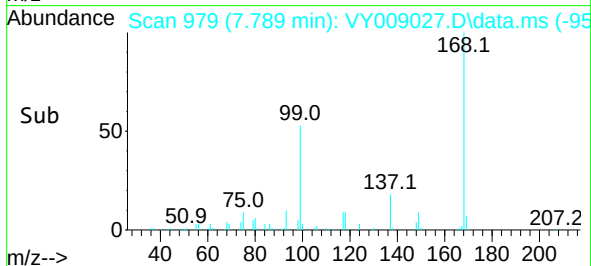
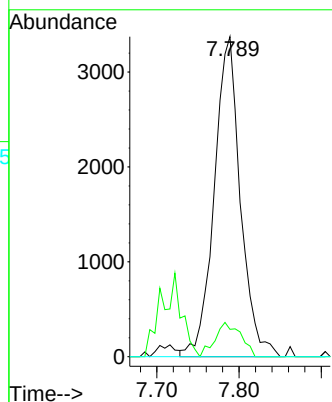
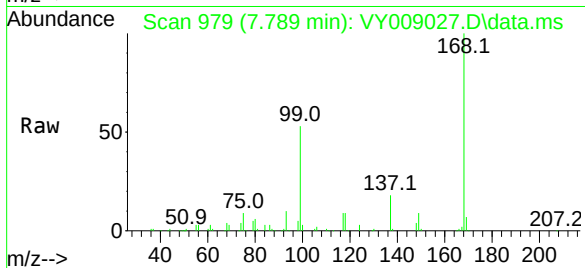
Tgt Ion: 75 Resp: 7453

Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.784 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

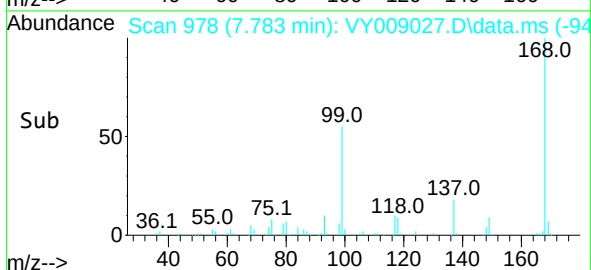
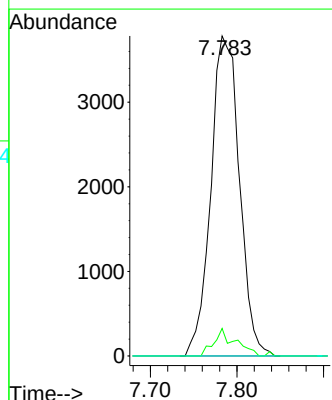
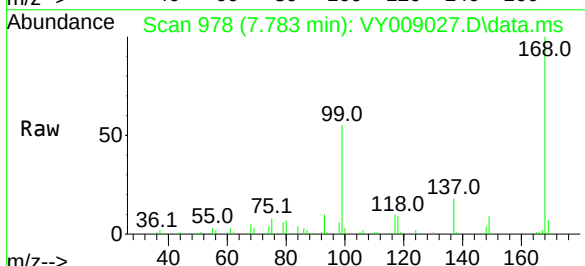
Tgt Ion: 117 Resp: 8679

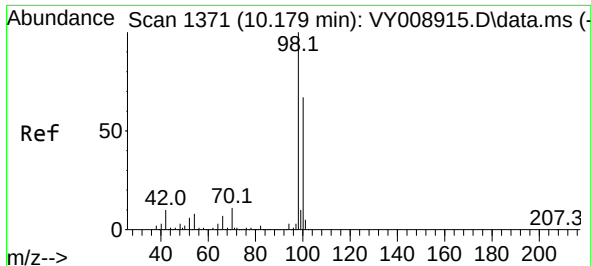
Ion Ratio Lower Upper

117 100

119 8.6 77.9 116.9#

121 0.0 24.8 37.2#

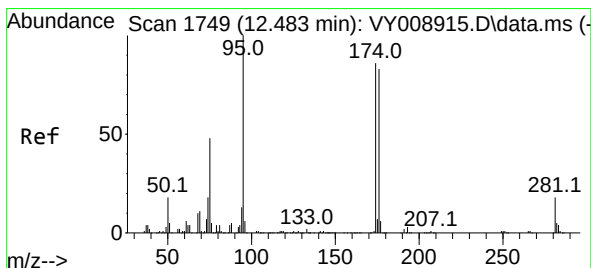
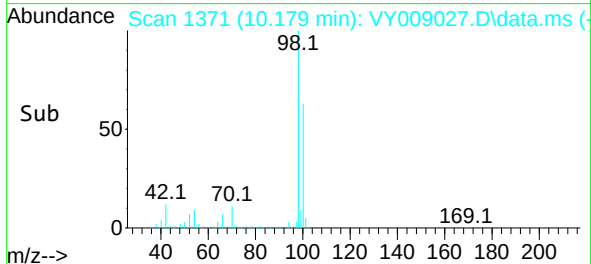
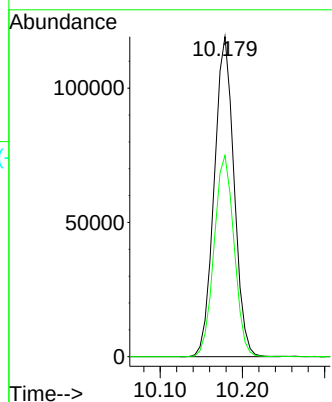
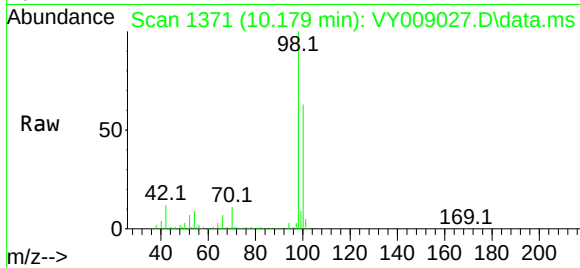




#50
Toluene-d8
Concen: 53.074 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

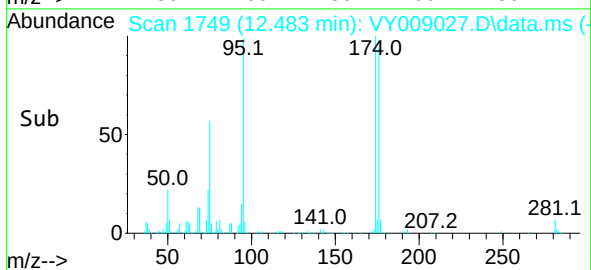
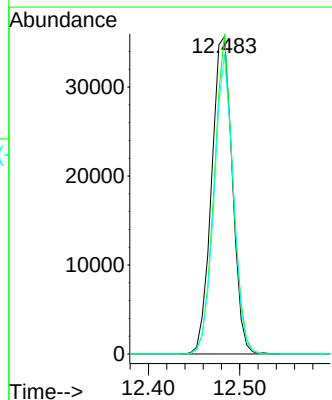
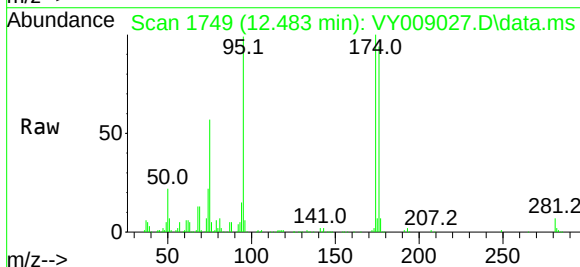
Instrument :
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P035-SS001-0612-01

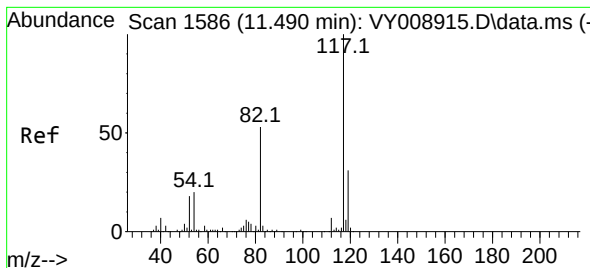
Tgt Ion: 98 Resp: 199515
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 95 Resp: 56062
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 87.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0612-01

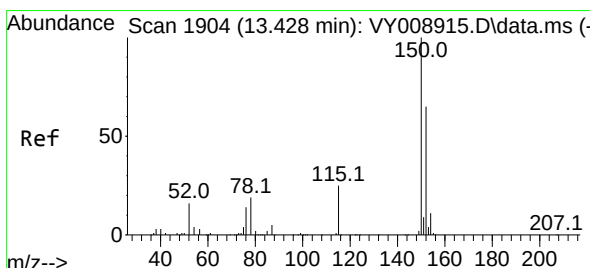
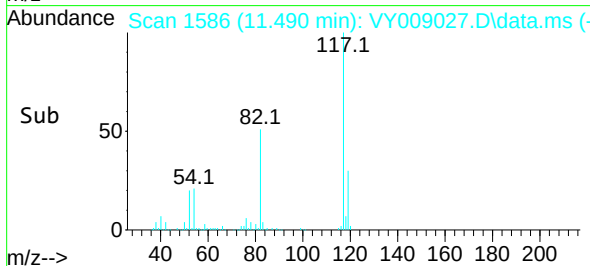
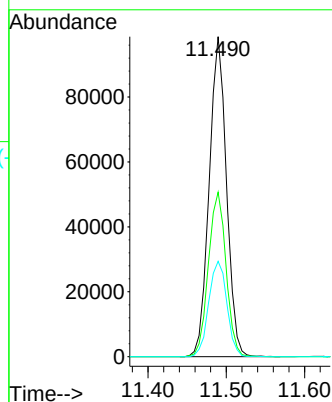
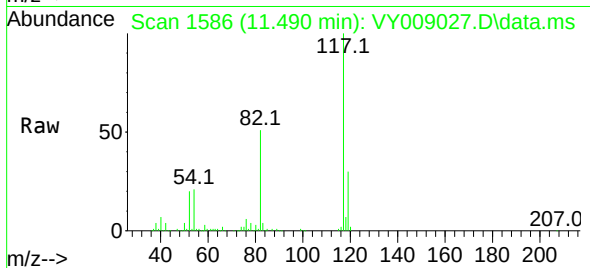
Tgt Ion:117 Resp: 151020

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 29.8 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: VY009027.D

Acq: 24 May 2022 00:03

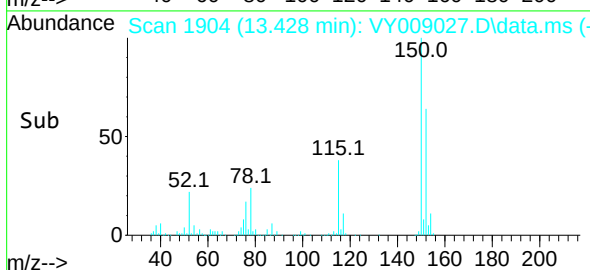
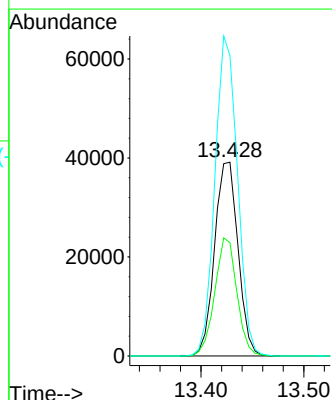
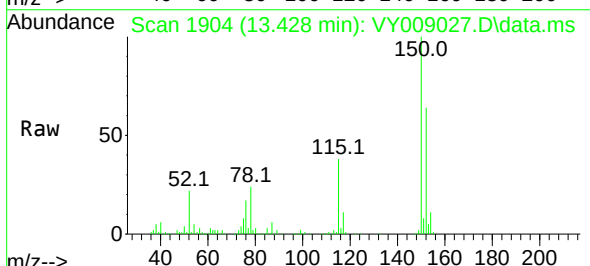
Tgt Ion:152 Resp: 62014

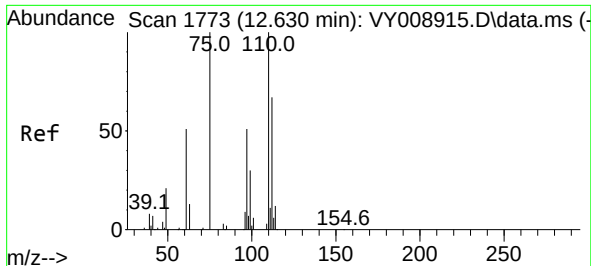
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 159.1 0.0 347.6

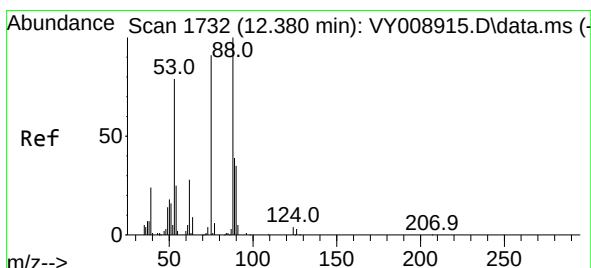
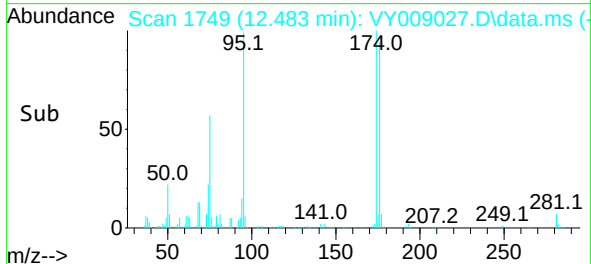
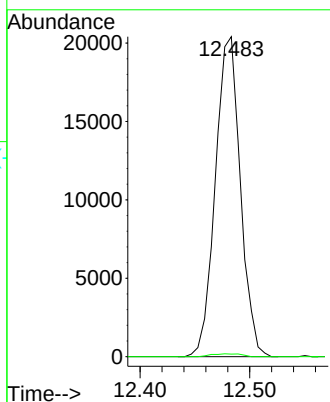
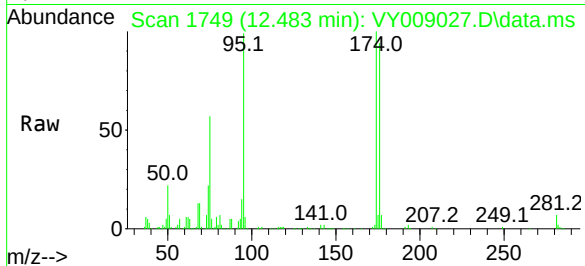




#76
1,2,3-Trichloropropane
Concen: 48.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

Tgt Ion: 75 Resp: 32335
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.658 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 75 Resp: 32335
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

