

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019667.D
 Acq On : 23 Sep 2024 15:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 24 01:46:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

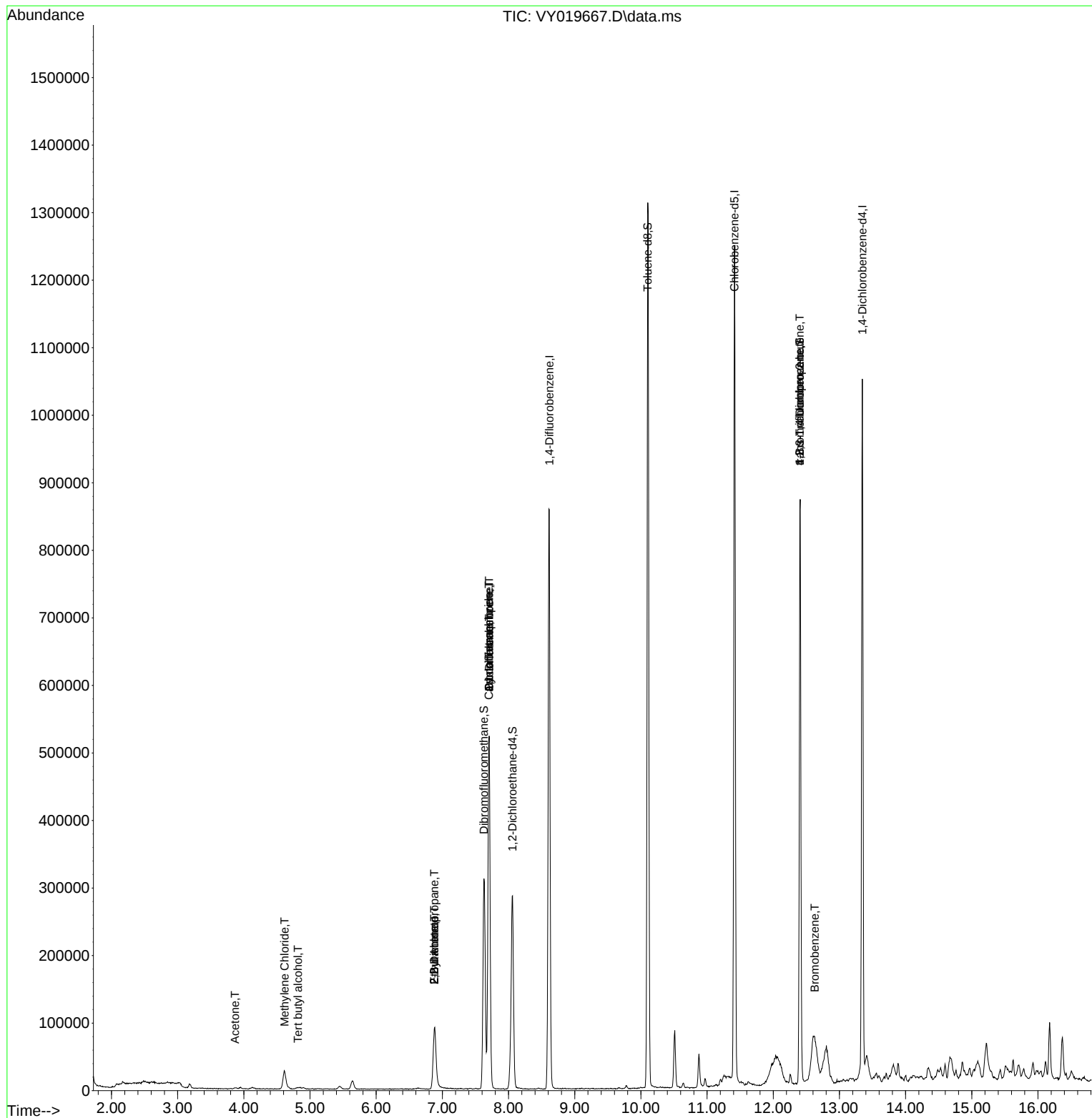
Internal Standards						
1) Pentafluorobenzene	7.707	168	396901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	733308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	645785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209487	57.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.000%
35) Dibromofluoromethane	7.628	113	228308	54.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.820%
50) Toluene-d8	10.103	98	864970	56.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.500%
62) 4-Bromofluorobenzene	12.402	95	279898	47.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	262	Below Cal	#	43
11) Tert butyl alcohol	4.818	59	602	2.028	ug/l #	52
13) Acrolein	3.665	56	25	Below Cal	#	15
16) Acetone	3.867	43	2669	3.048	ug/l	100
20) Methylene Chloride	4.616	84	18252	4.571	ug/l	90
25) 2-Butanone	6.878	43	6370	5.115	ug/l #	69
26) 2,2-Dichloropropane	6.878	77	7257	1.106	ug/l #	51
31) Cyclohexane	7.707	56	9224	1.402	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	33108	5.852	ug/l #	49
37) Ethyl Acetate	6.878	43	6370	2.198	ug/l #	9
38) Carbon Tetrachloride	7.701	117	41265	6.468	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	148041	63.094	ug/l #	100
77) Bromobenzene	12.627	156	88569	21.989	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.402	75	148041	121.122	ug/l #	16

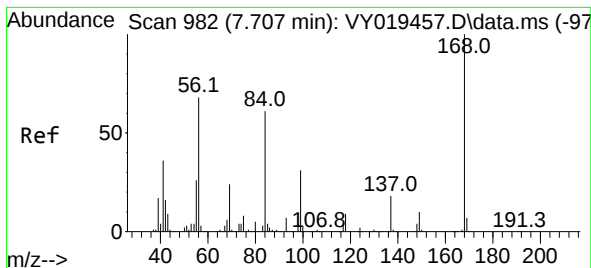
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

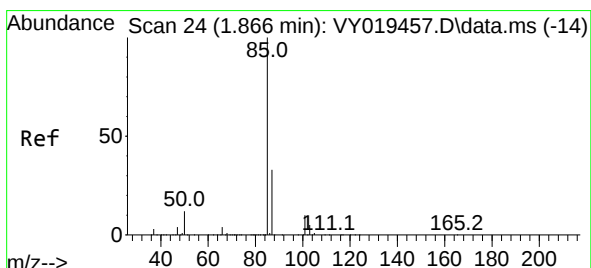
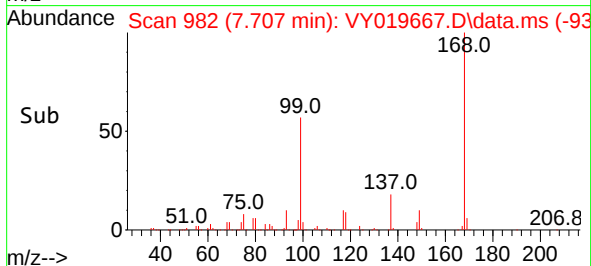
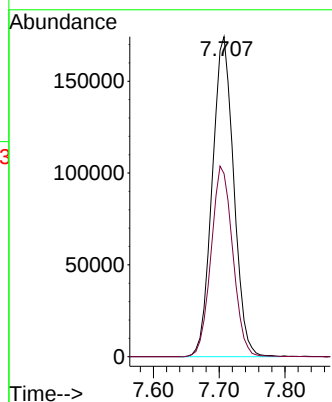
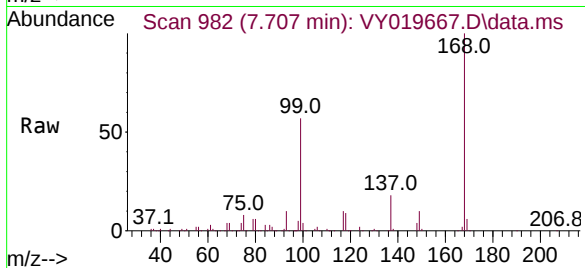
ClientSampleId :

Tgt Ion:168 Resp: 396901

Ion Ratio Lower Upper

168 100

99 57.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019667.D

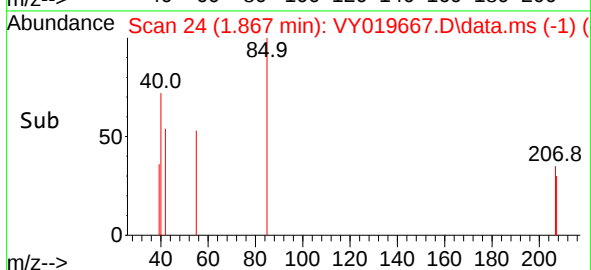
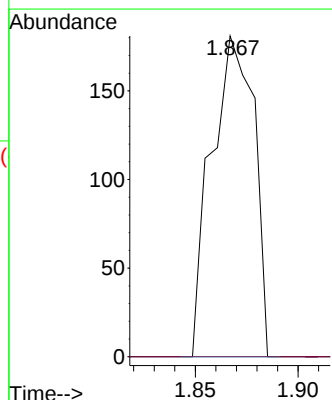
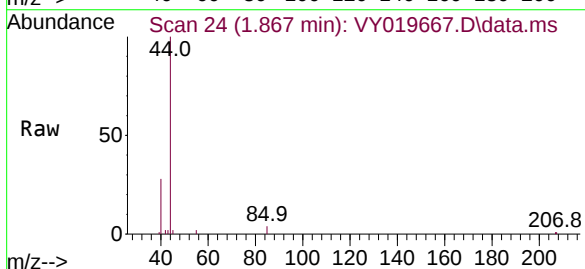
Acq: 23 Sep 2024 15:15

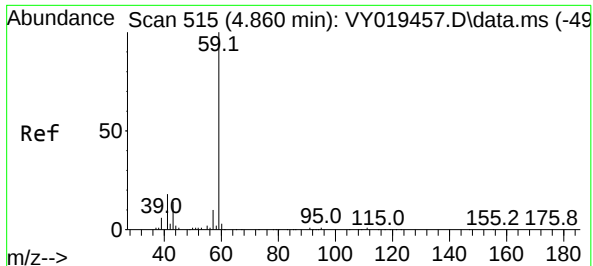
Tgt Ion: 85 Resp: 262

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 2.028 ug/l

RT: 4.818 min Scan# 50

Delta R.T. -0.042 min

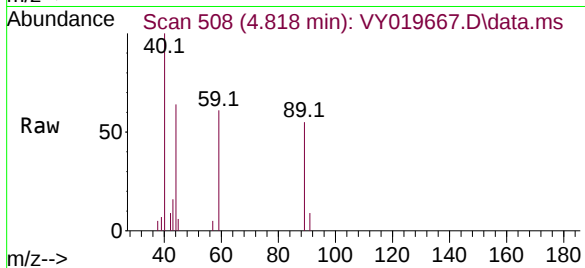
Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

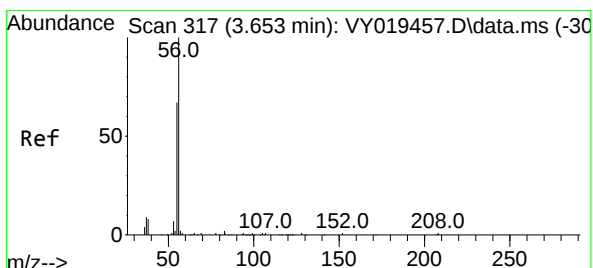
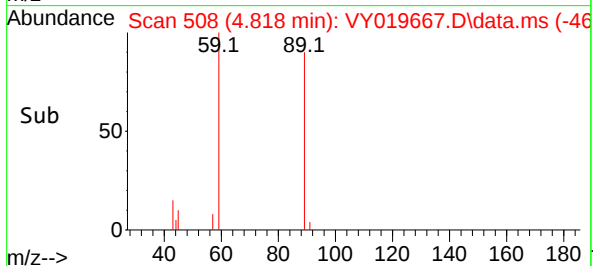
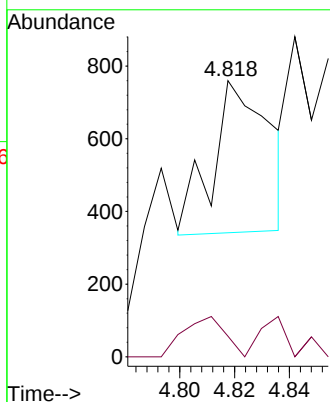


Tgt Ion: 59 Resp: 602

Ion Ratio Lower Upper

59 100

57 19.4 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.665 min Scan# 319

Delta R.T. 0.012 min

Lab File: VY019667.D

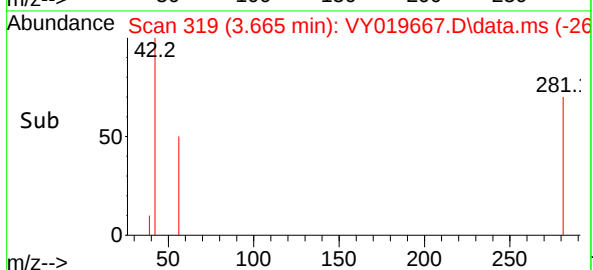
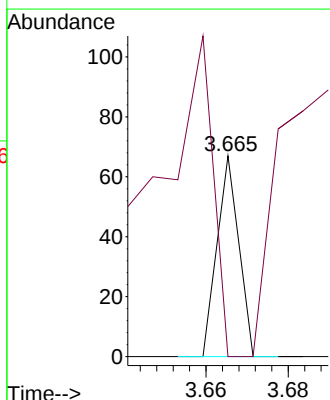
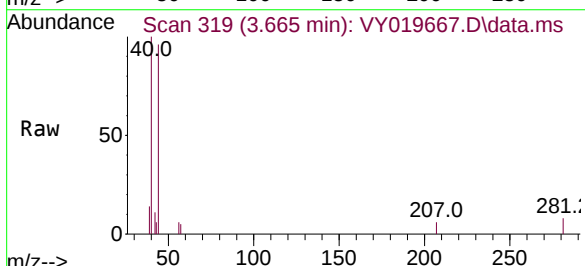
Acq: 23 Sep 2024 15:15

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

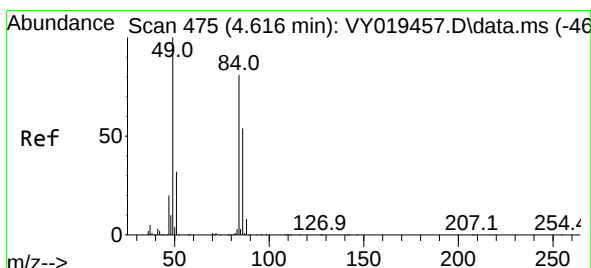
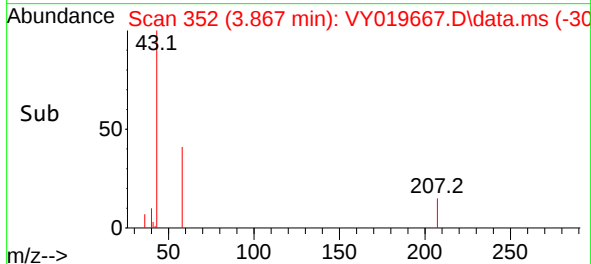
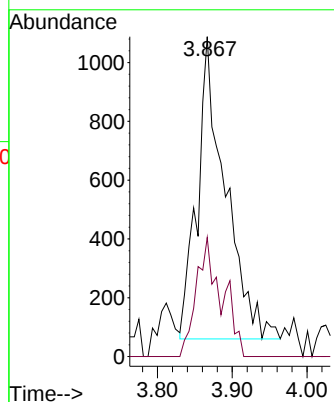
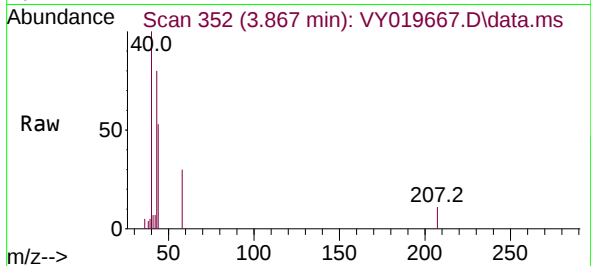




#16
Acetone
Concen: 3.048 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

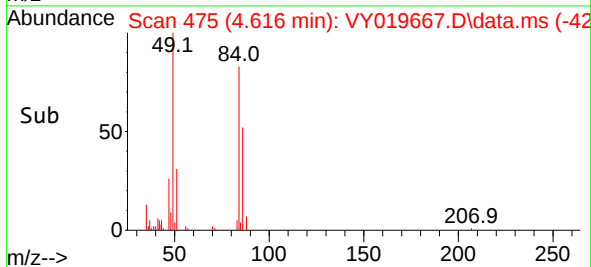
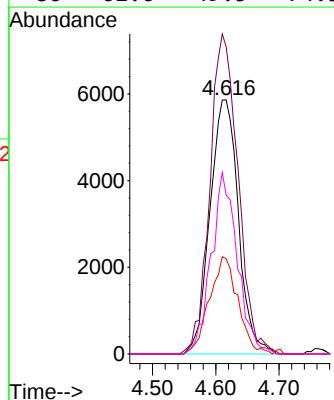
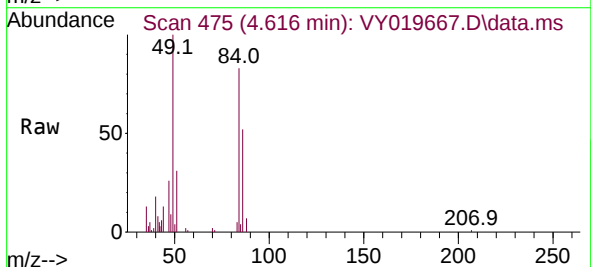
Instrument :
MSVOA_Y
ClientSampleId :

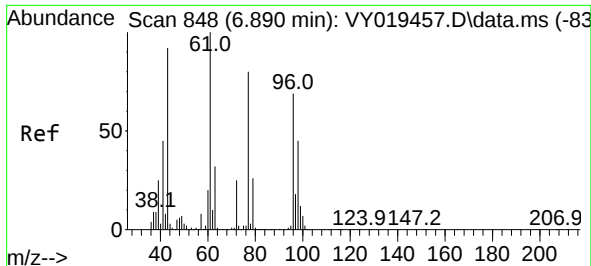
Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
58 39.4 31.7 47.5



#20
Methylene Chloride
Concen: 4.571 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

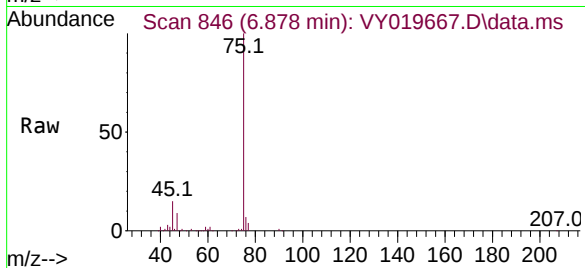
Tgt Ion: 84 Resp: 18252
Ion Ratio Lower Upper
84 100
49 121.0 84.4 126.6
51 37.4 26.0 39.0
86 62.6 49.5 74.3



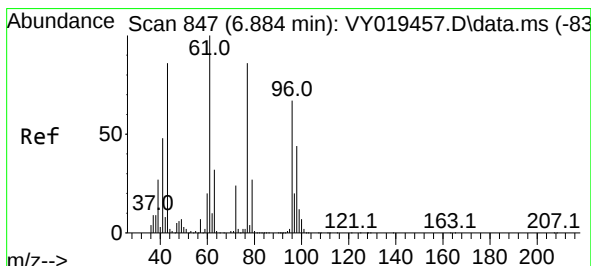
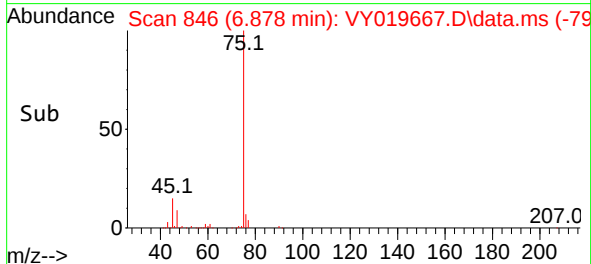
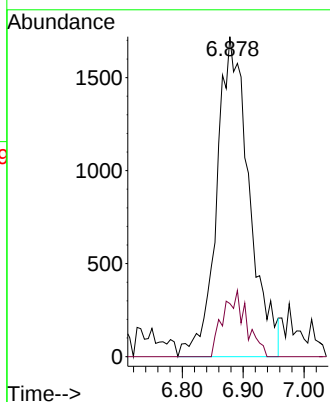


#25
2-Butanone
Concen: 5.115 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :

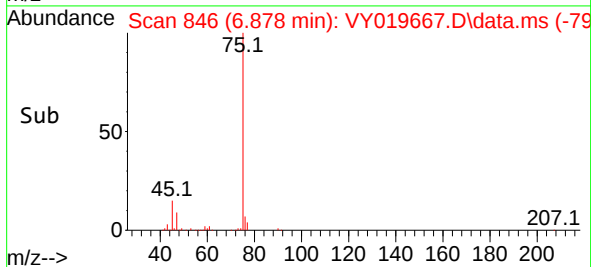
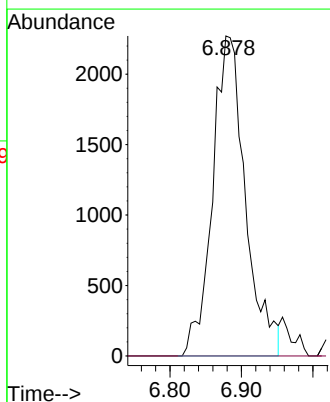
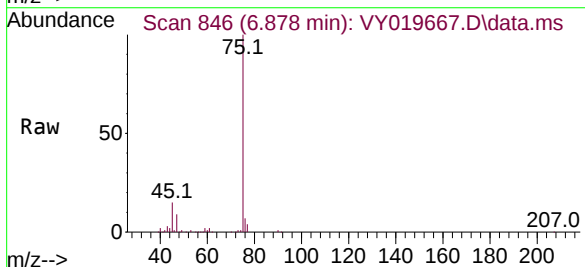


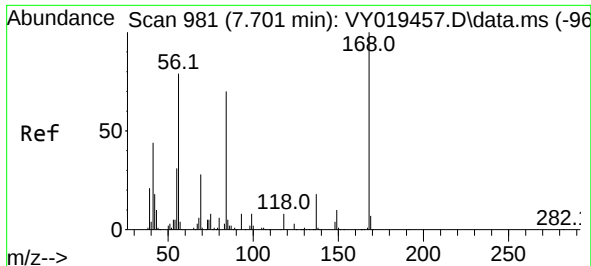
Tgt Ion: 43 Resp: 6370
Ion Ratio Lower Upper
43 100
72 16.6 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.106 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

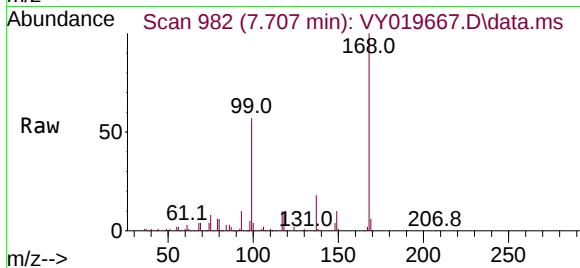
Tgt Ion: 77 Resp: 7257
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



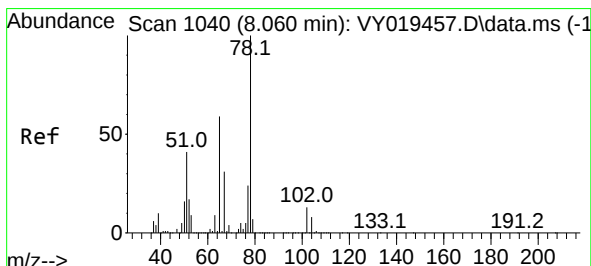
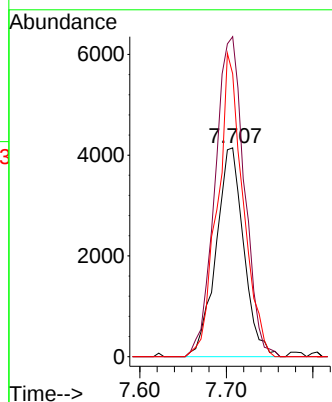
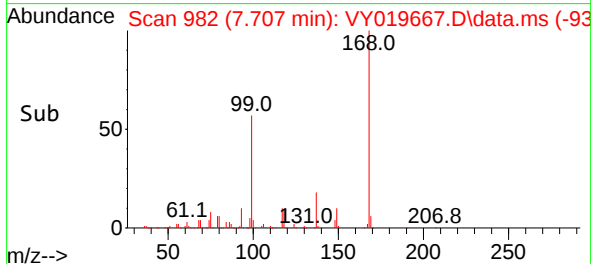


#31
Cyclohexane
Concen: 1.402 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :

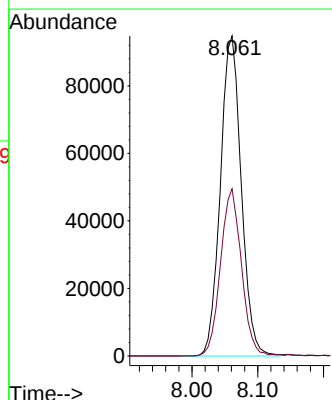
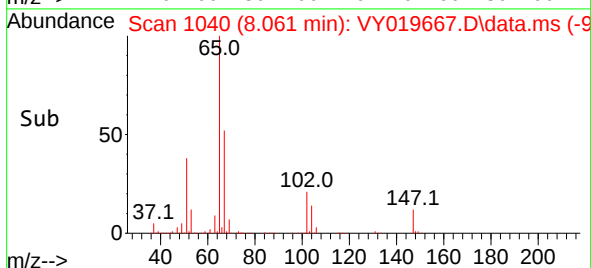
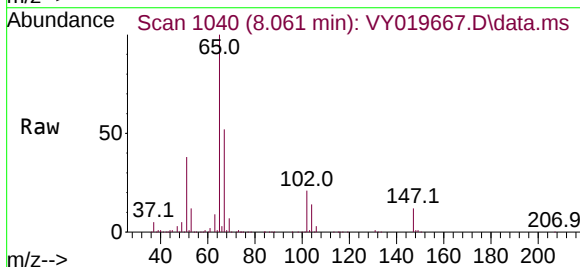


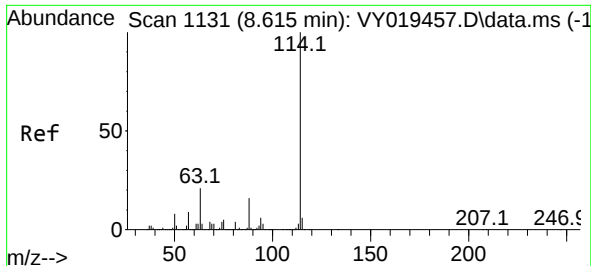
Tgt Ion: 56 Resp: 9224
Ion Ratio Lower Upper
56 100
69 153.2 28.7 43.1#
84 135.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.000 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

Tgt Ion: 65 Resp: 209487
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

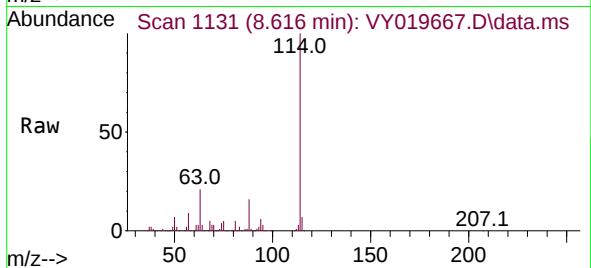
Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :



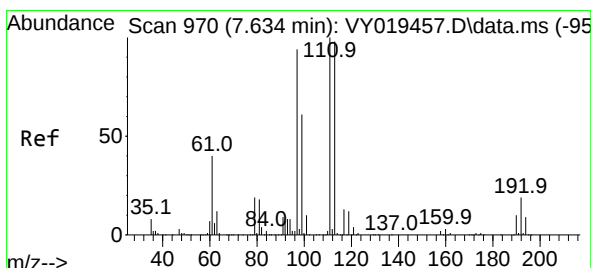
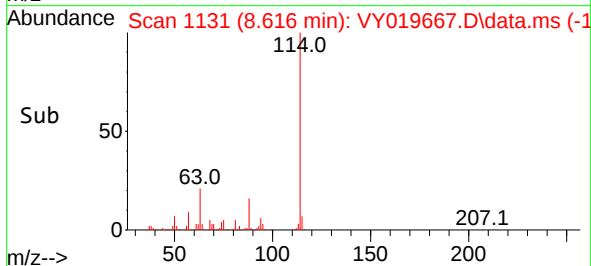
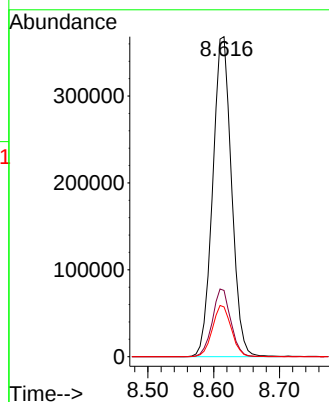
Tgt Ion:114 Resp: 733308

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.912 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

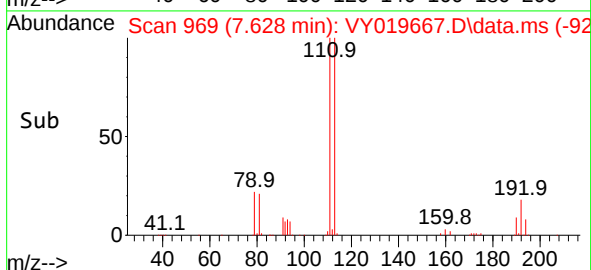
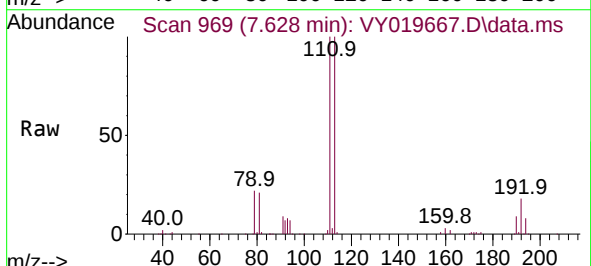
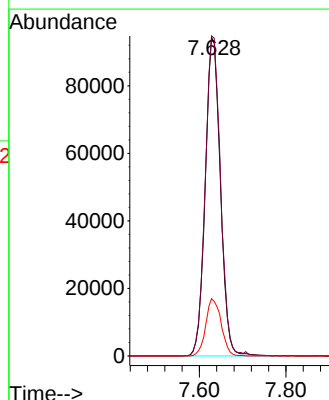
Tgt Ion:113 Resp: 228308

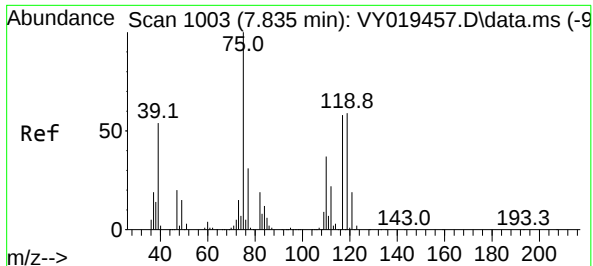
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 18.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.852 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

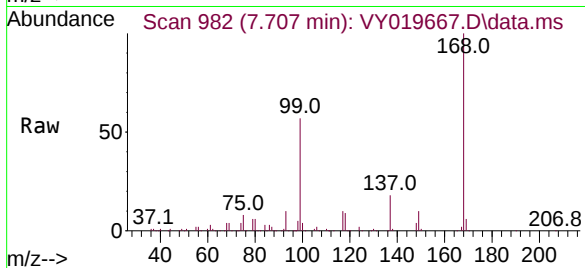
Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :



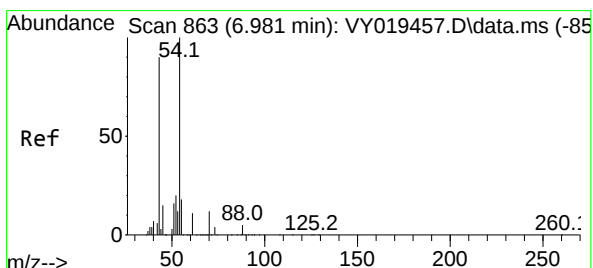
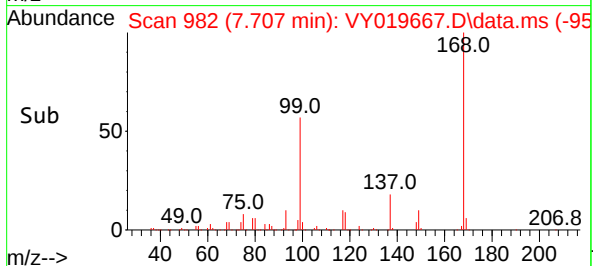
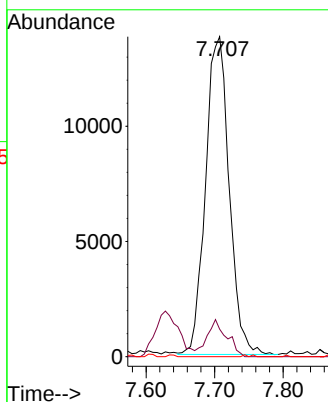
Tgt Ion: 75 Resp: 33108

Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.198 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.103 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

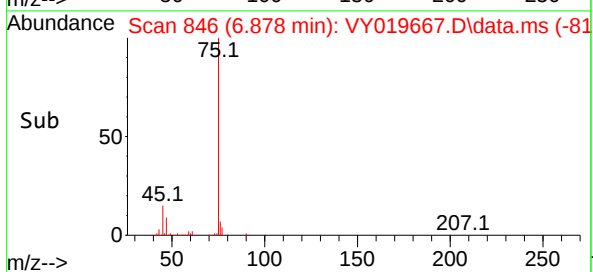
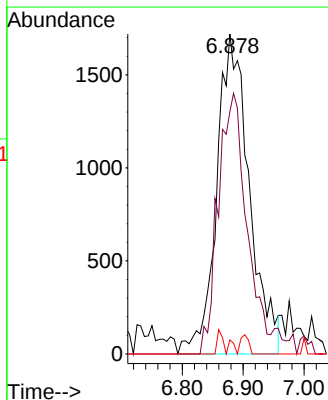
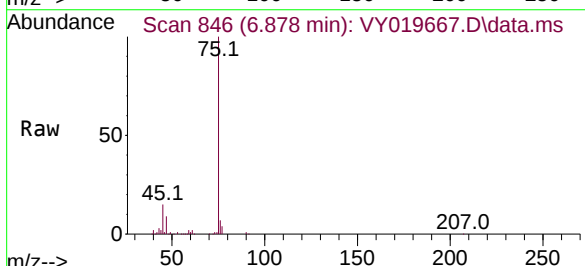
Tgt Ion: 43 Resp: 6370

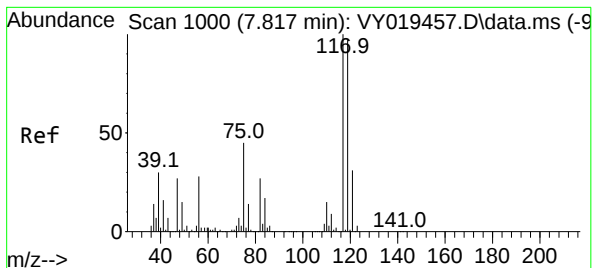
Ion Ratio Lower Upper

43 100

61 71.4 12.6 19.0#

70 0.0 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 6.468 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.115 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

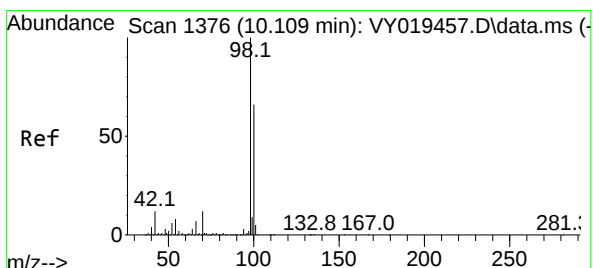
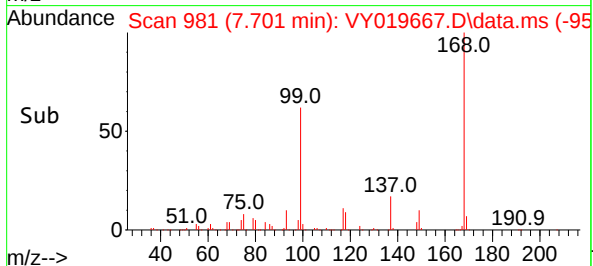
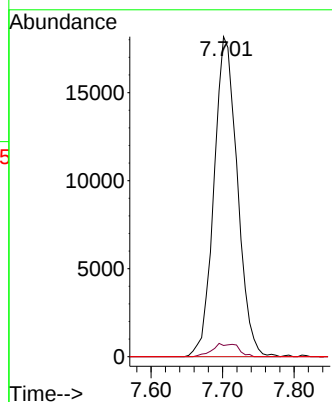
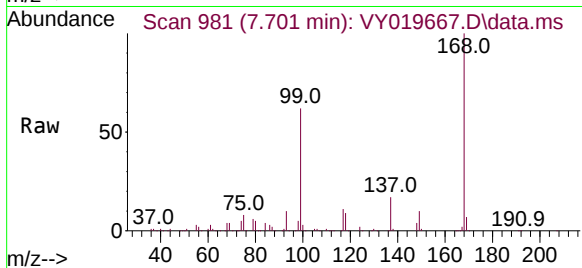
Tgt Ion:117 Resp: 41265

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.246 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019667.D

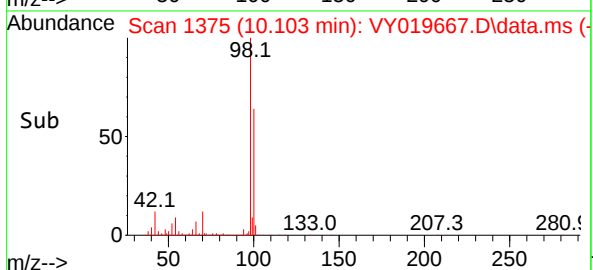
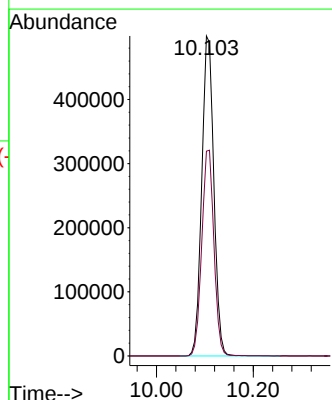
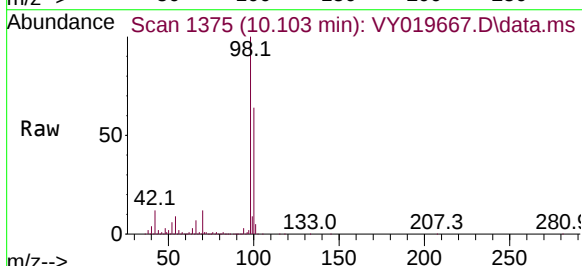
Acq: 23 Sep 2024 15:15

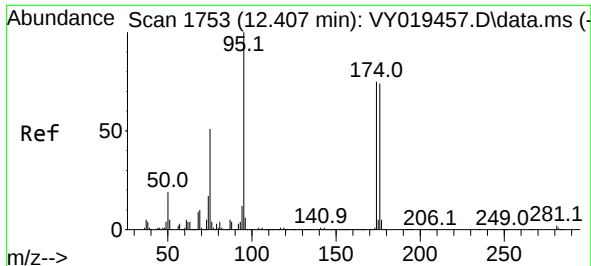
Tgt Ion: 98 Resp: 864970

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.335 ug/l

RT: 12.402 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

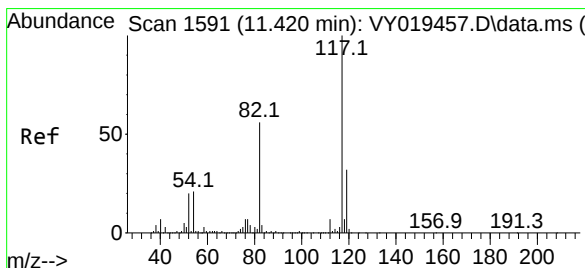
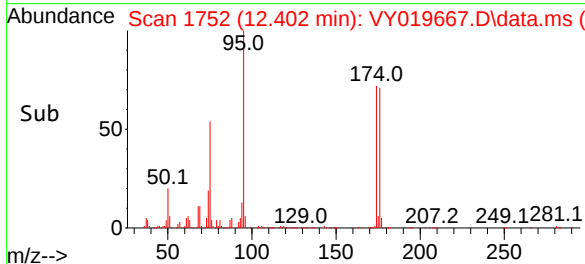
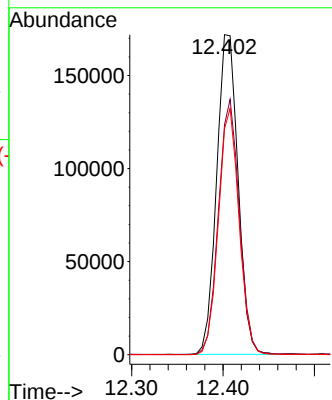
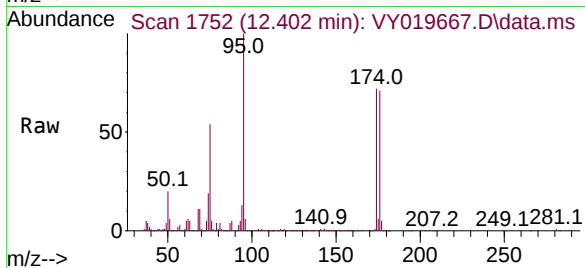
Tgt Ion: 95 Resp: 279898

Ion Ratio Lower Upper

95 100

174 78.2 0.0 175.6

176 74.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

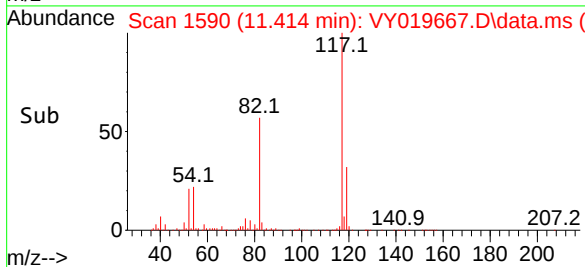
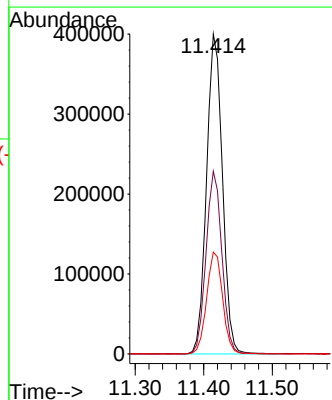
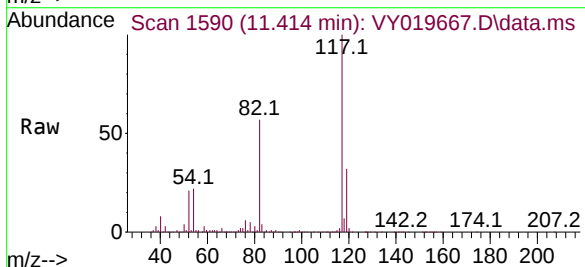
Tgt Ion: 117 Resp: 645785

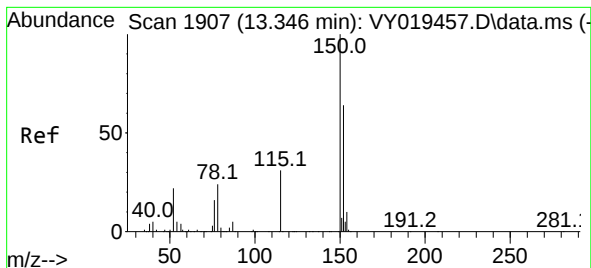
Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019667.D

Acq: 23 Sep 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

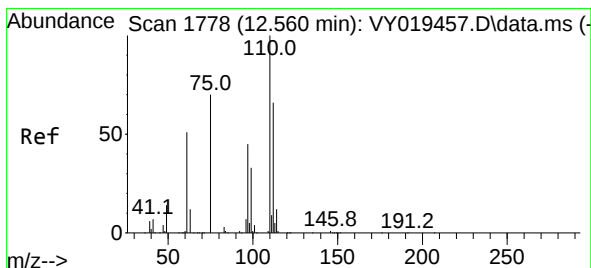
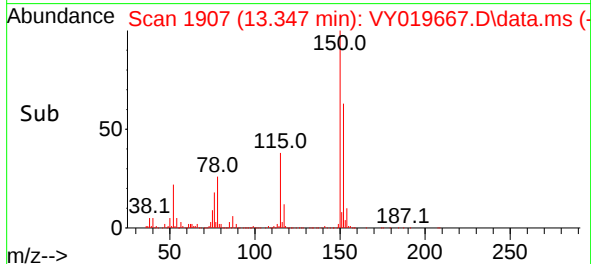
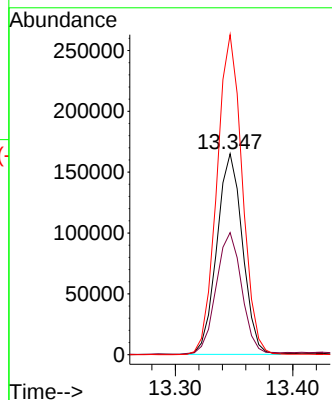
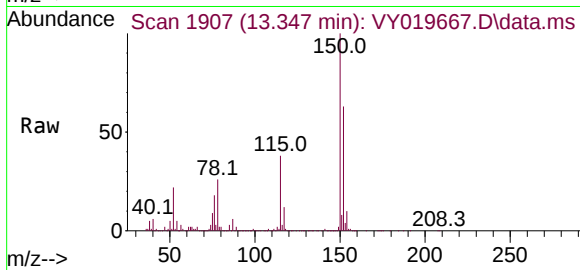
Tgt Ion:152 Resp: 250334

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.094 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019667.D

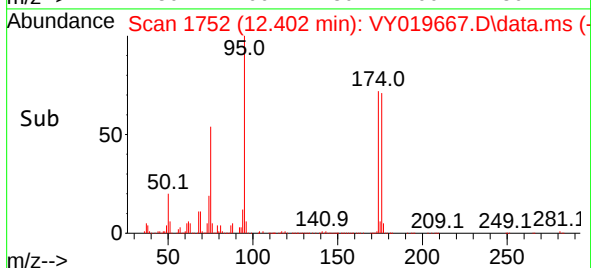
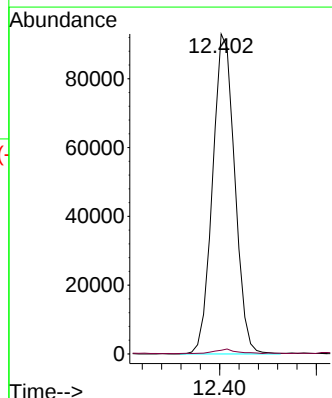
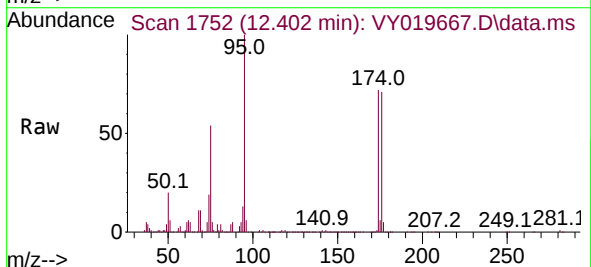
Acq: 23 Sep 2024 15:15

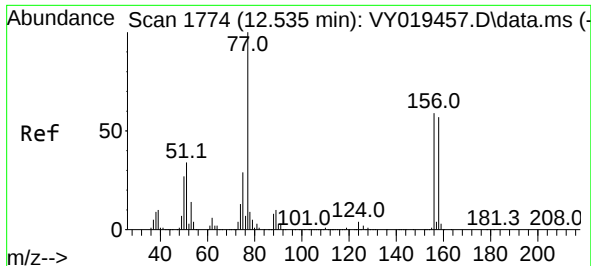
Tgt Ion: 75 Resp: 148041

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

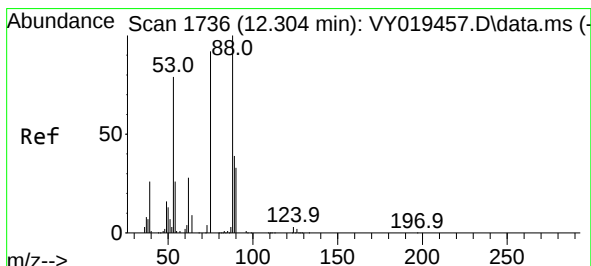
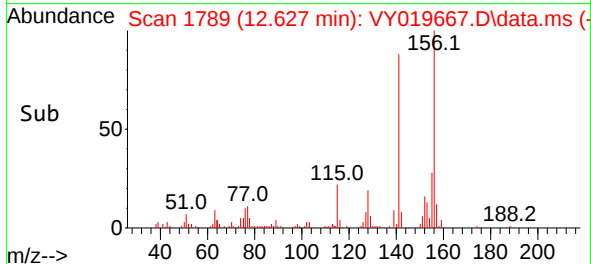
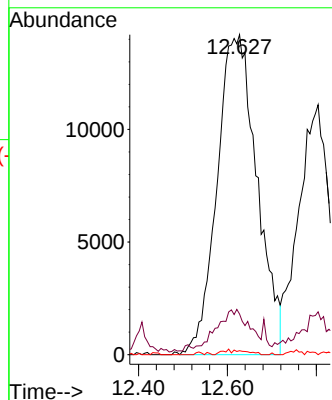
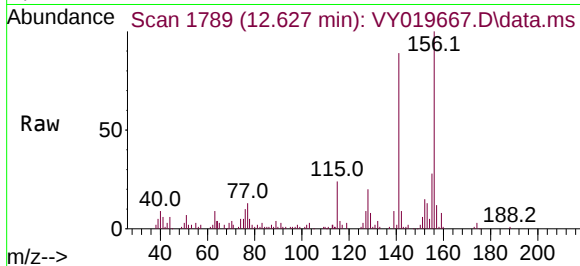




#77
Bromobenzene
Concen: 21.989 ug/l
RT: 12.627 min Scan# 1752
Delta R.T. 0.092 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 88569
Ion Ratio Lower Upper
156 100
77 9.3 87.1 261.3#
158 0.0 48.6 145.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.122 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019667.D
Acq: 23 Sep 2024 15:15

Tgt Ion: 75 Resp: 148041
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

