

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019762.D
 Acq On : 02 Oct 2024 14:13
 Operator : SY/MD
 Sample : P4236-14
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 02:01:41 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)

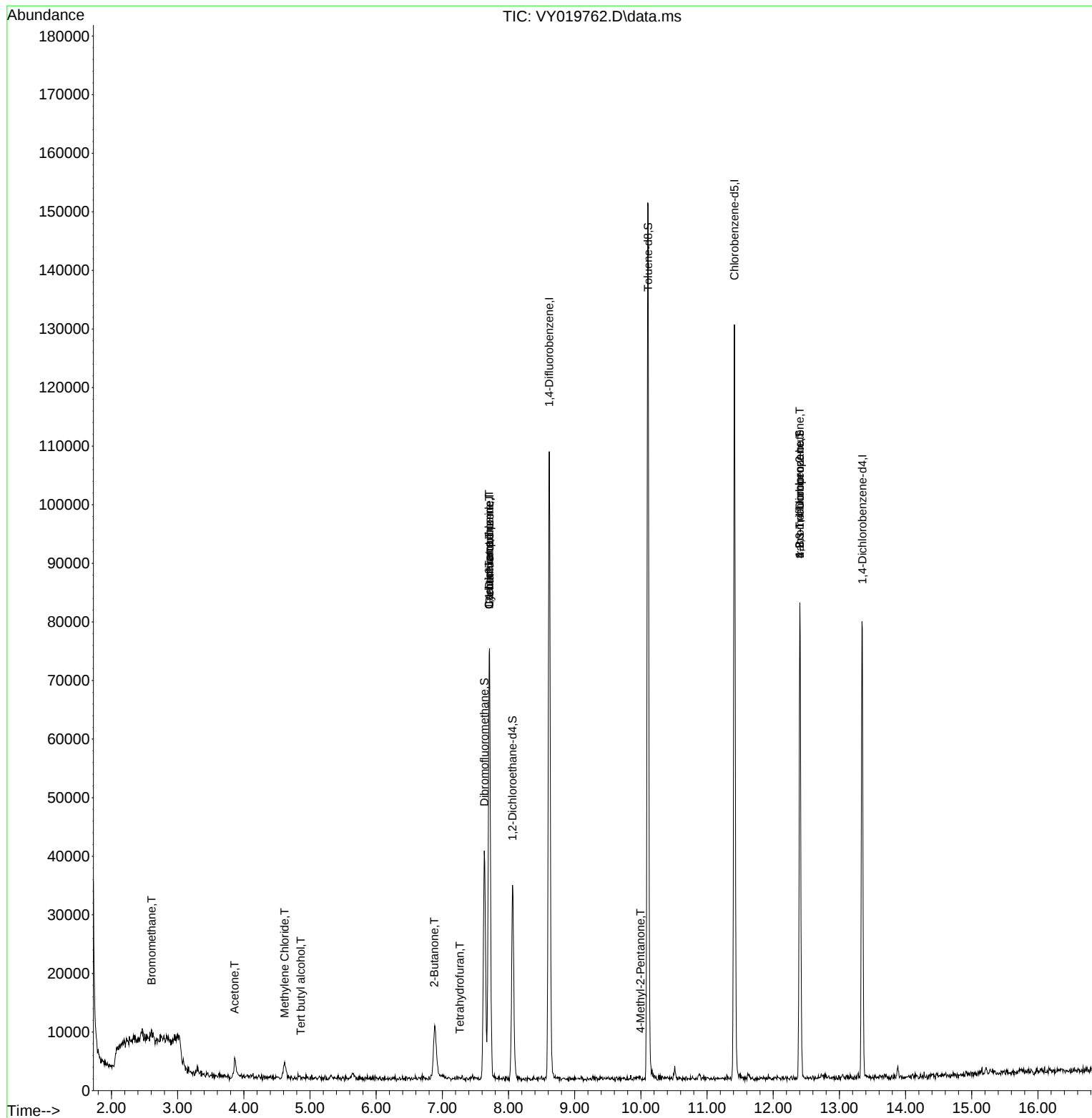
Internal Standards						
1) Pentafluorobenzene	7.713	168	54350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	91082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	19302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26397	52.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.900%	
35) Dibromofluoromethane	7.634	113	26829	51.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.900%	
50) Toluene-d8	10.109	98	100108	52.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.820%	
62) 4-Bromofluorobenzene	12.401	95	25837	35.179	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 70.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	353	1.182	ug/l	98
11) Tert butyl alcohol	4.860	59	103	2.534	ug/l #	88
13) Acrolein	3.659	56	61	Below Cal	#	15
16) Acetone	3.860	43	5332	44.472	ug/l #	78
20) Methylene Chloride	4.616	84	1721	3.147	ug/l #	79
25) 2-Butanone	6.878	43	568	3.331	ug/l #	41
29) Tetrahydrofuran	7.262	42	121	1.167	ug/l #	26
31) Cyclohexane	7.707	56	1525	1.693	ug/l #	47
36) 1,1-Dichloropropene	7.707	75	4855	6.909	ug/l #	47
38) Carbon Tetrachloride	7.707	117	5871	7.409	ug/l #	17
51) 4-Methyl-2-Pentanone	9.993	43	474	1.246	ug/l #	42
76) 1,2,3-Trichloropropane	12.401	75	14022	77.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	14022	148.788	ug/l #	16

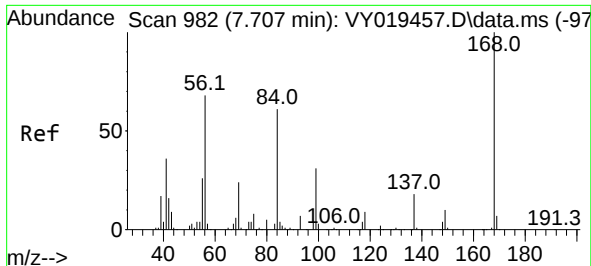
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
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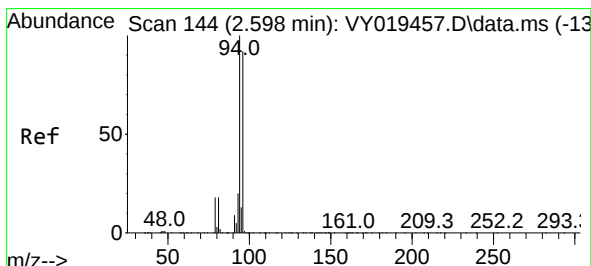
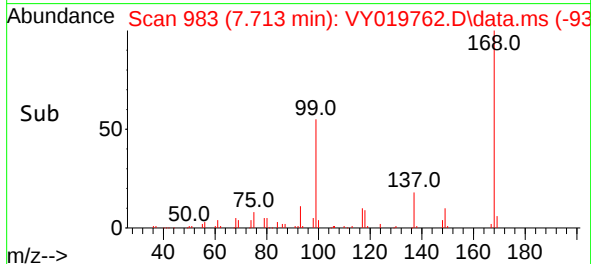
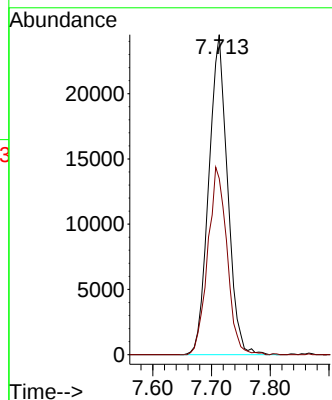
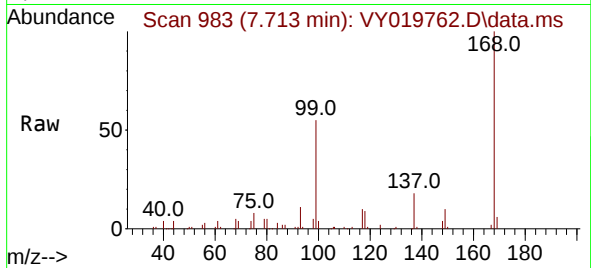




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

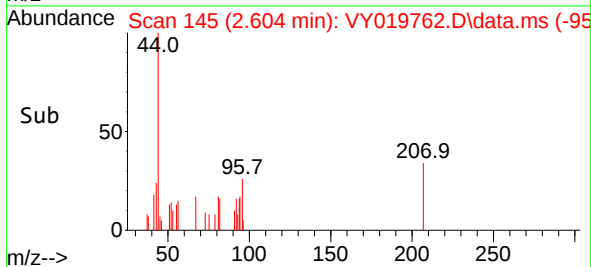
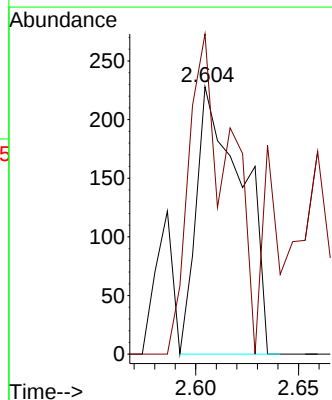
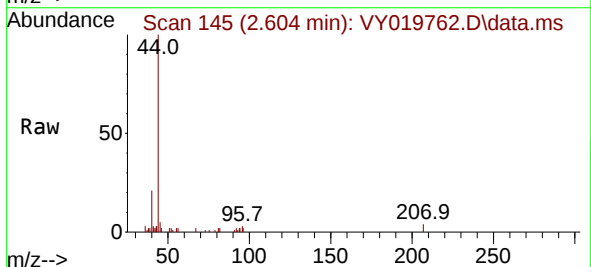
Instrument :
MSVOA_Y
ClientSampleId :

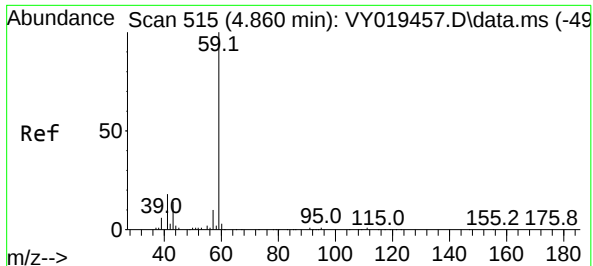
Tgt Ion:168 Resp: 54350
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#5
Bromomethane
Concen: 1.182 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 94.3 74.1 111.1





#11

Tert butyl alcohol

Concen: 2.534 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

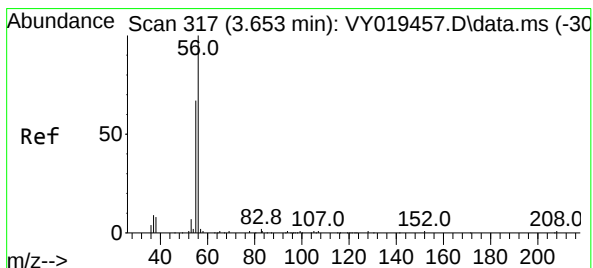
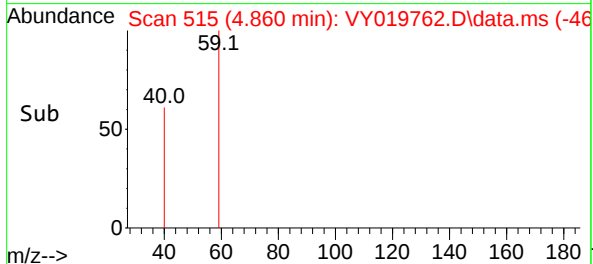
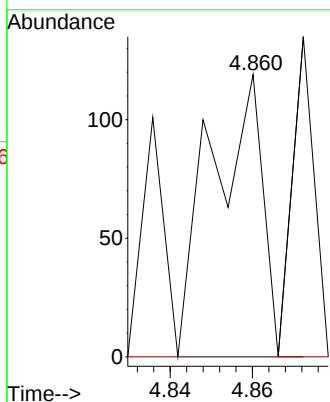
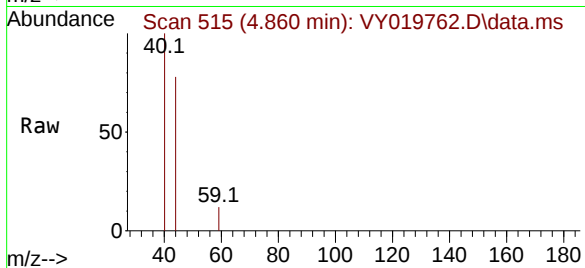
ClientSampleId :

Tgt Ion: 59 Resp: 103

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019762.D

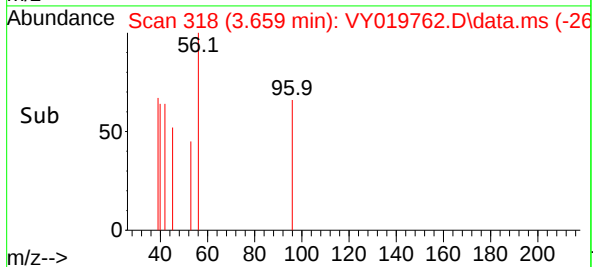
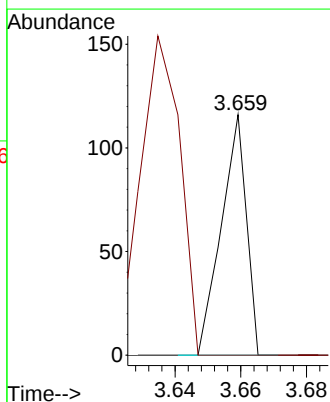
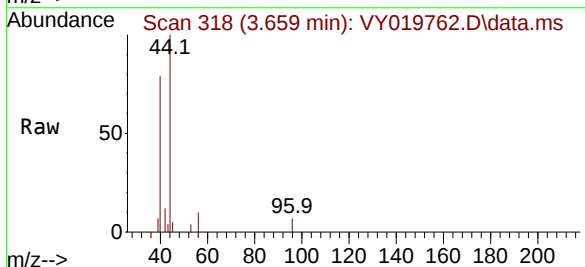
Acq: 02 Oct 2024 14:13

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

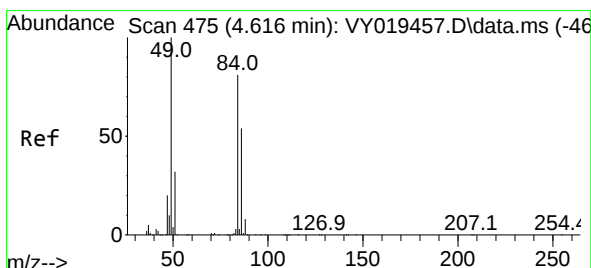
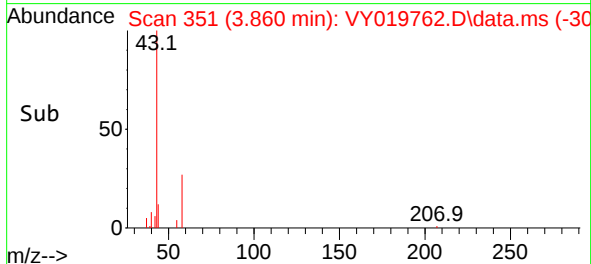
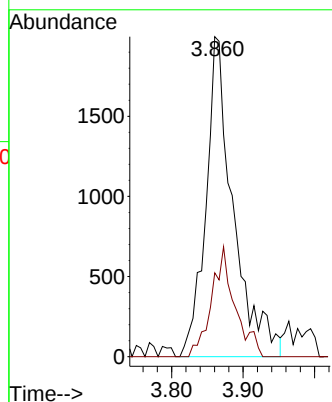
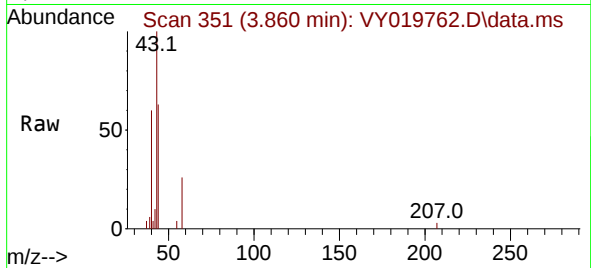




#16
Acetone
Concen: 44.472 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

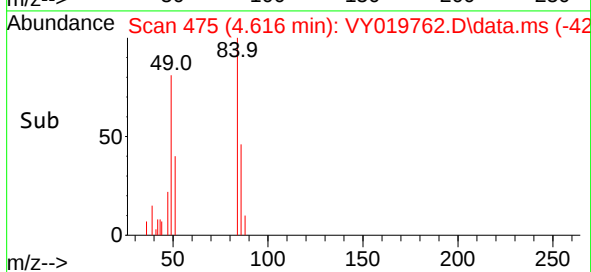
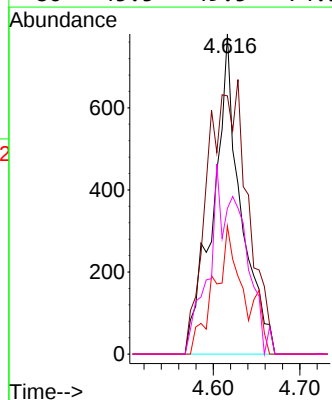
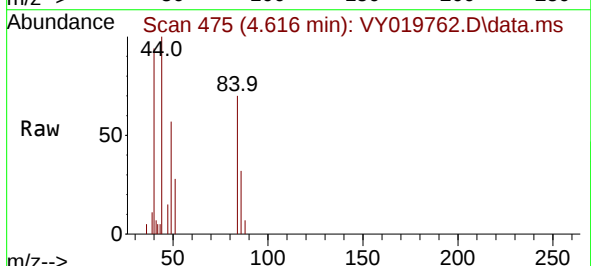
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 5332
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#



#20
Methylene Chloride
Concen: 3.147 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 84 Resp: 1721
Ion Ratio Lower Upper
84 100
49 80.6 84.4 126.6#
51 40.0 26.0 39.0#
86 45.5 49.5 74.3#





#25

2-Butanone

Concen: 3.331 ug/l

RT: 6.878 min Scan# 848

Delta R.T. -0.012 min

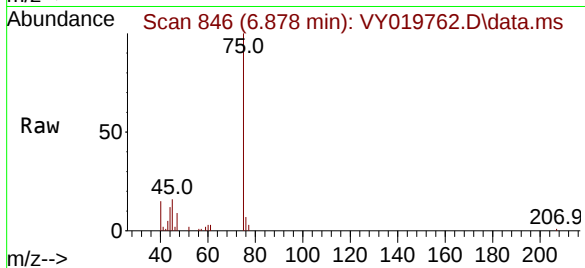
Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

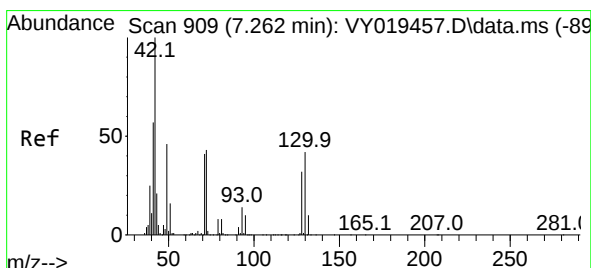
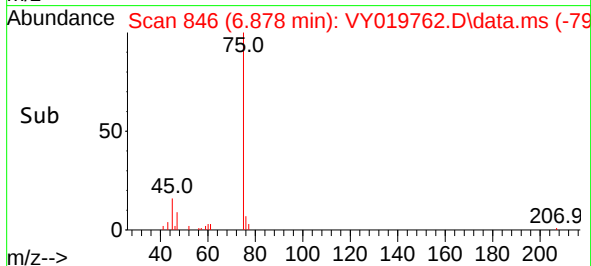
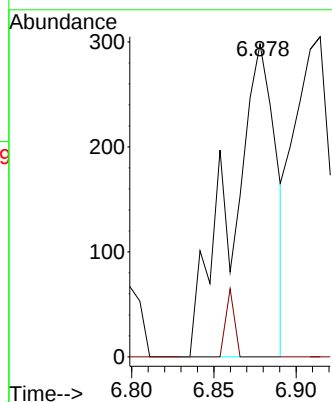


Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.167 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

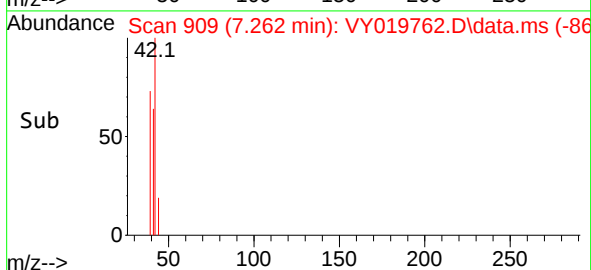
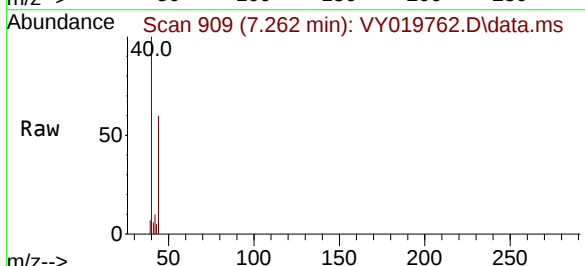
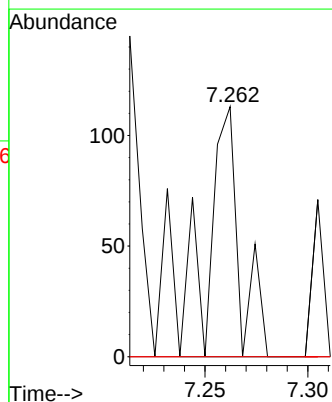
Tgt Ion: 42 Resp: 121

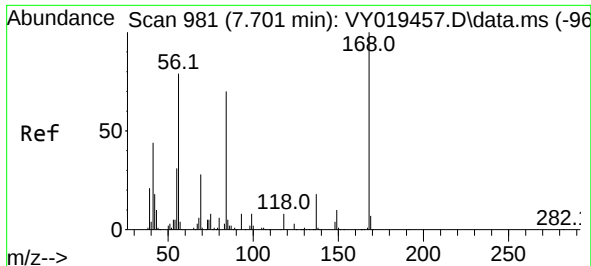
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

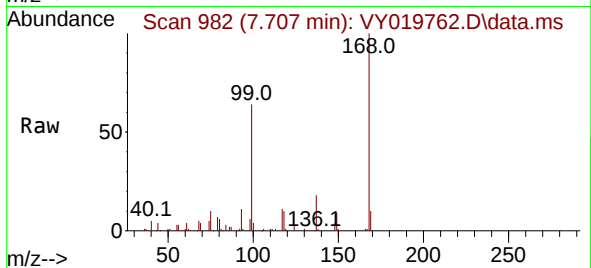
71 0.0 40.8 61.2#



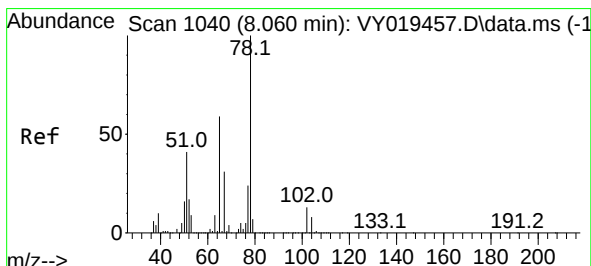
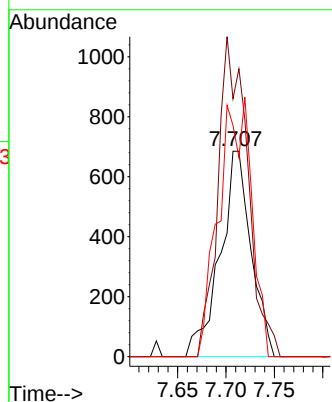
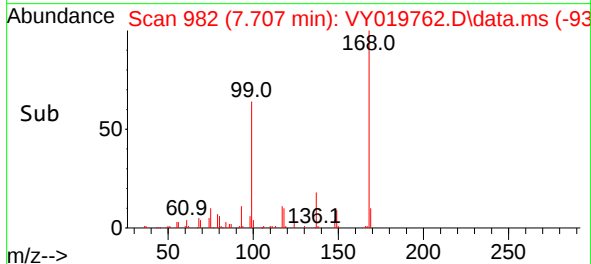


#31
Cyclohexane
Concen: 1.693 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Instrument :
MSVOA_Y
ClientSampleId :

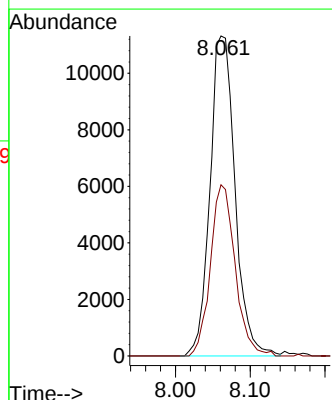
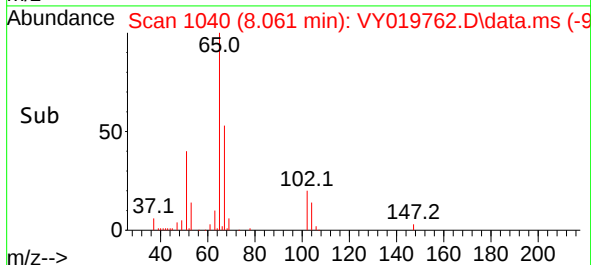
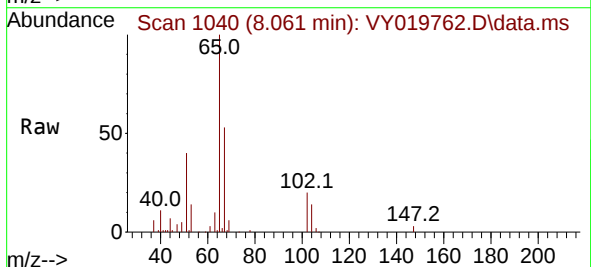


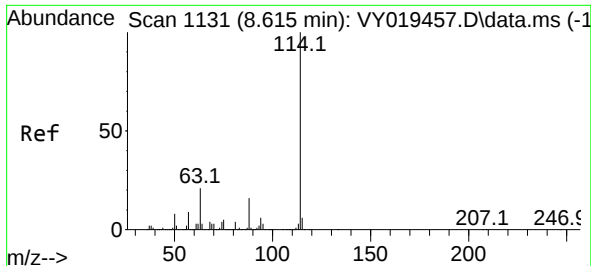
Tgt Ion: 56 Resp: 1525
Ion Ratio Lower Upper
56 100
69 125.5 28.7 43.1#
84 112.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.451 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 65 Resp: 26397
Ion Ratio Lower Upper
65 100
67 52.8 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

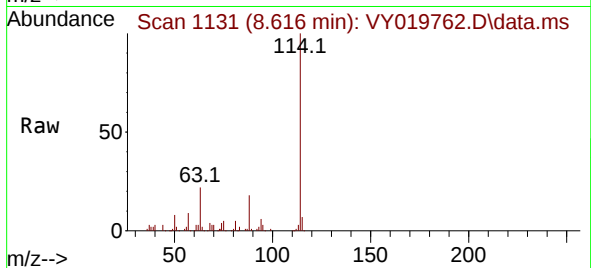
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Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :



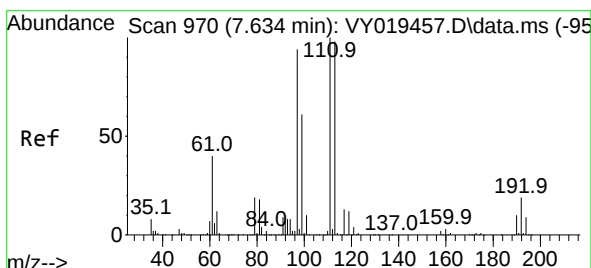
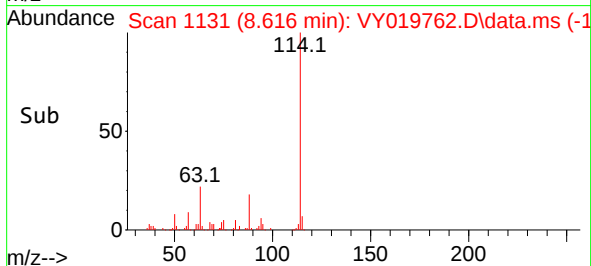
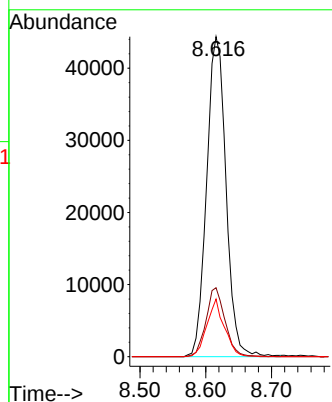
Tgt Ion:114 Resp: 91082

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 18.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.952 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

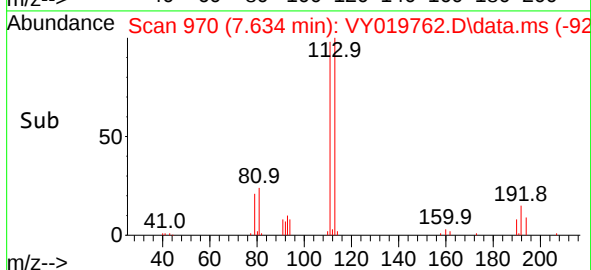
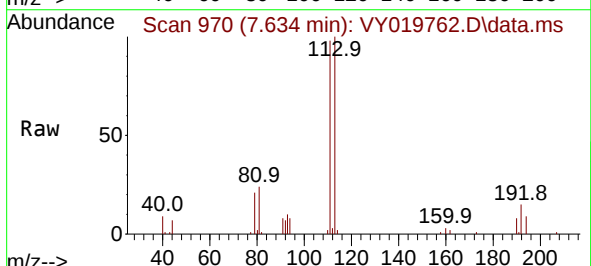
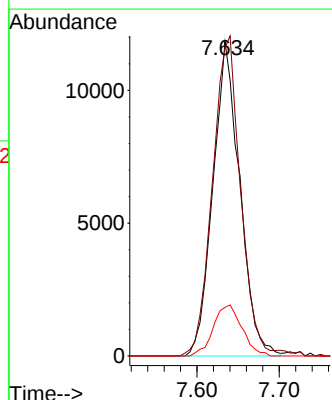
Tgt Ion:113 Resp: 26829

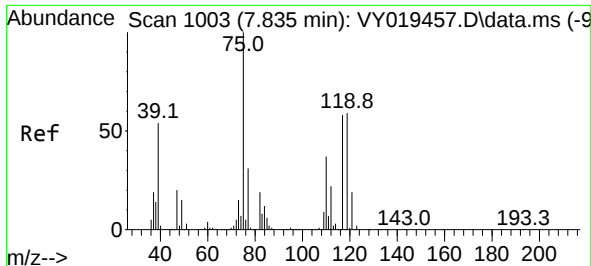
Ion Ratio Lower Upper

113 100

111 106.8 82.2 123.4

192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.909 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

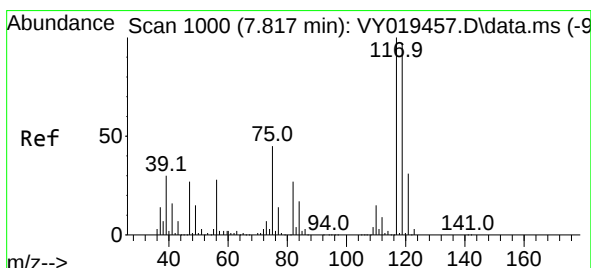
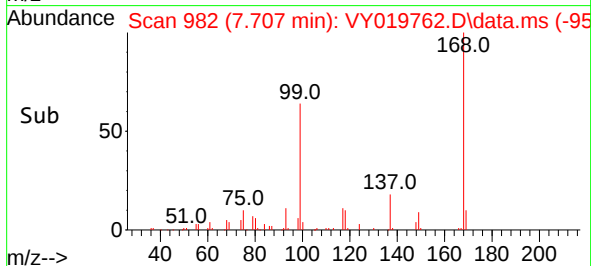
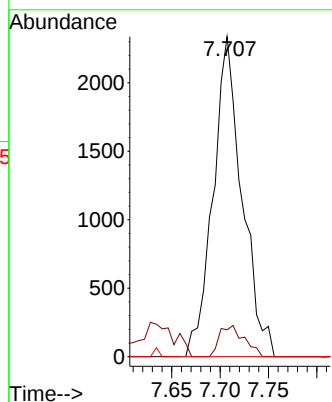
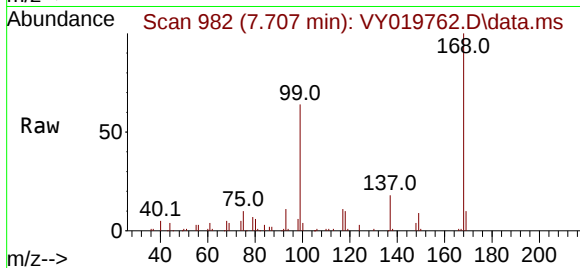
Tgt Ion: 75 Resp: 4855

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.409 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

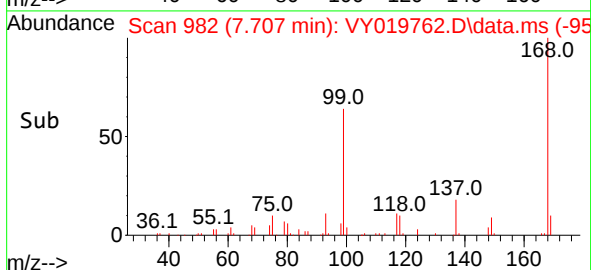
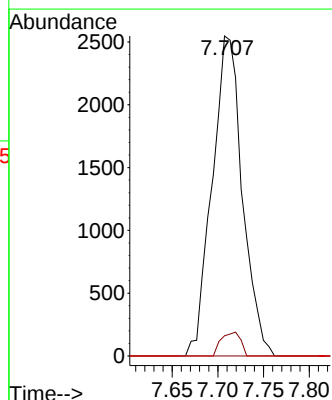
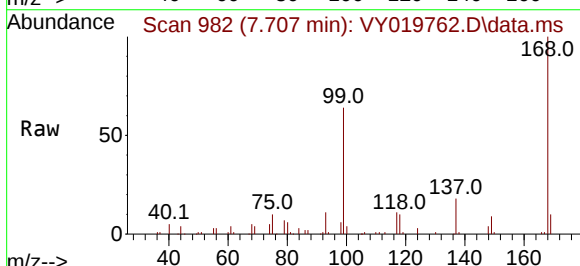
Tgt Ion: 117 Resp: 5871

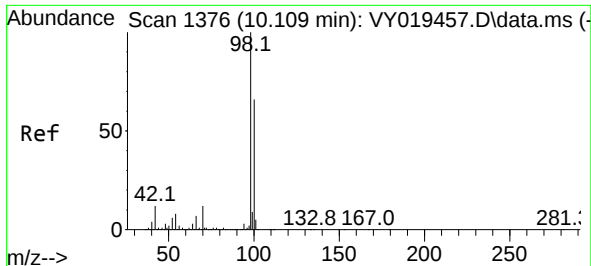
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 24.0 36.0#

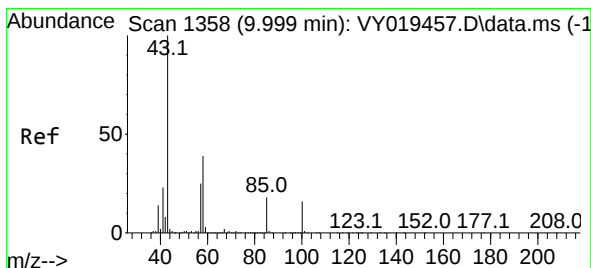
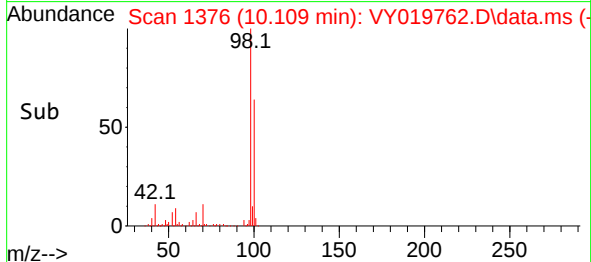
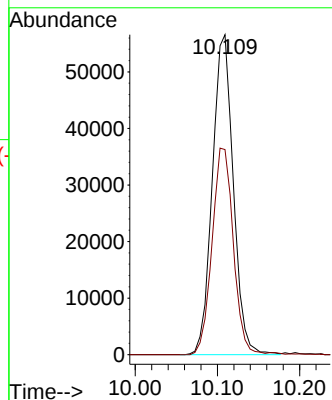
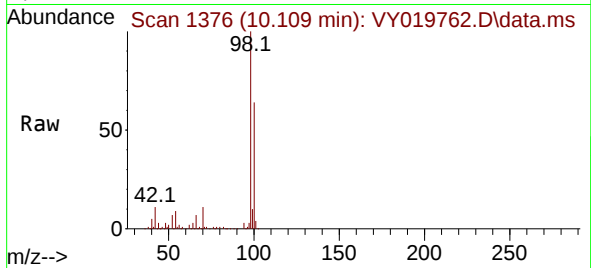




#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

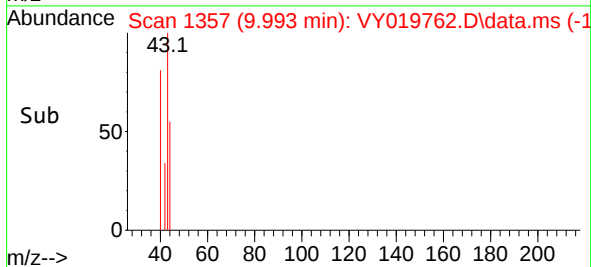
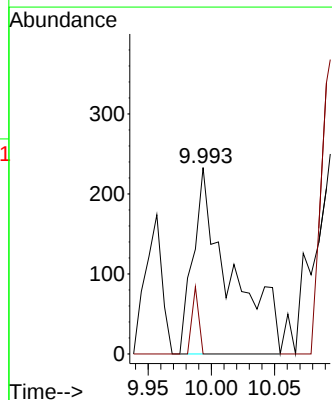
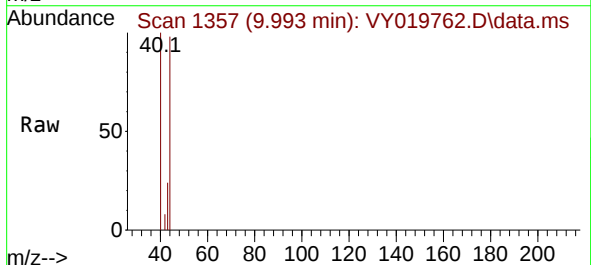
Instrument :
MSVOA_Y
ClientSampleId :

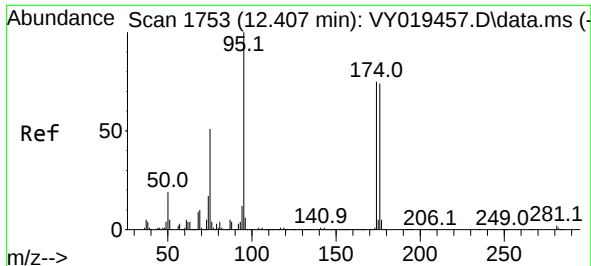
Tgt Ion: 98 Resp: 100108
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.246 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
58 6.5 35.7 53.5#

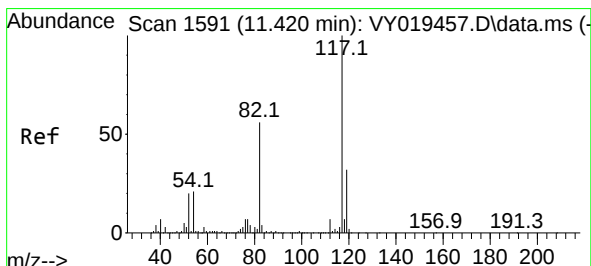
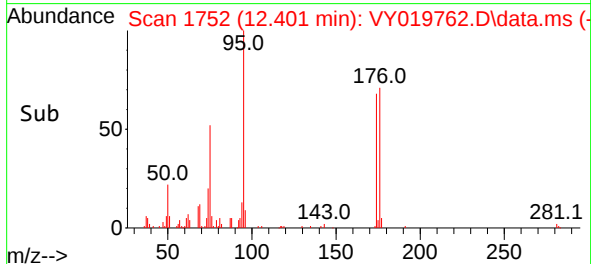
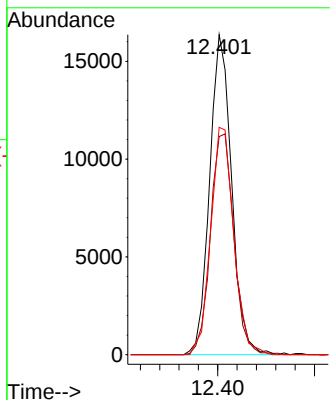
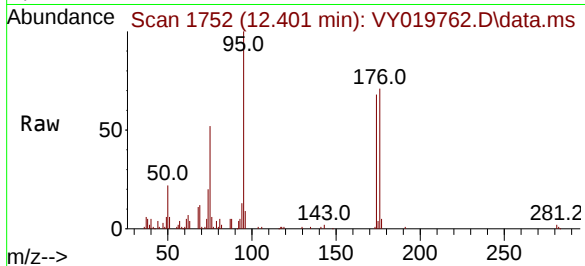




#62
4-Bromofluorobenzene
Concen: 35.179 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

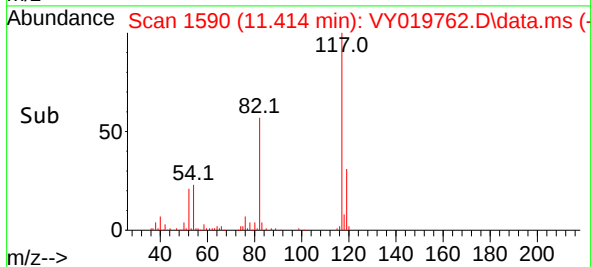
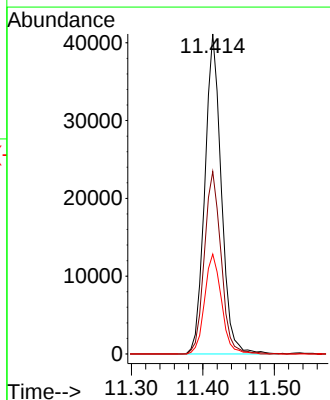
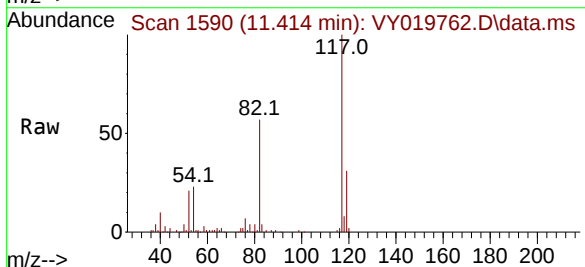
Instrument :
MSVOA_Y
ClientSampleId :

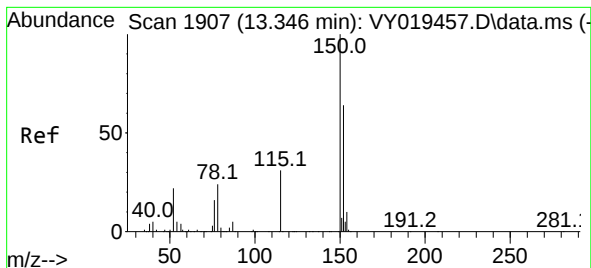
Tgt Ion: 95 Resp: 25837
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 74.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019762.D
Acq: 02 Oct 2024 14:13

Tgt Ion: 117 Resp: 65855
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019762.D

Acq: 02 Oct 2024 14:13

Instrument :

MSVOA_Y

ClientSampleId :

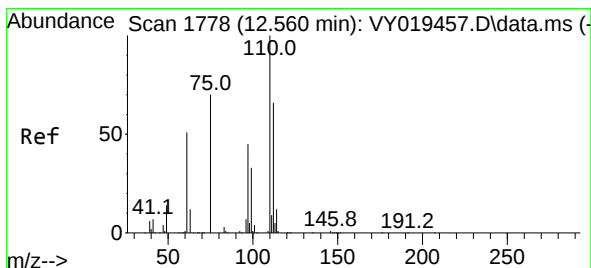
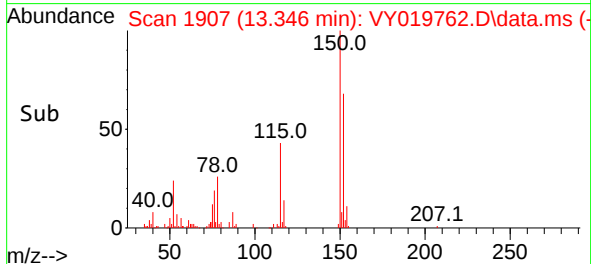
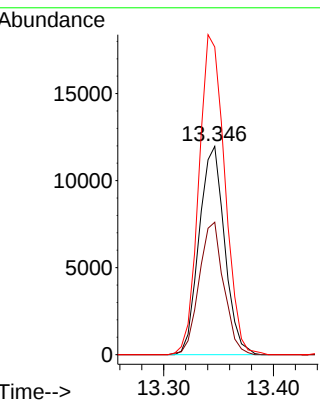
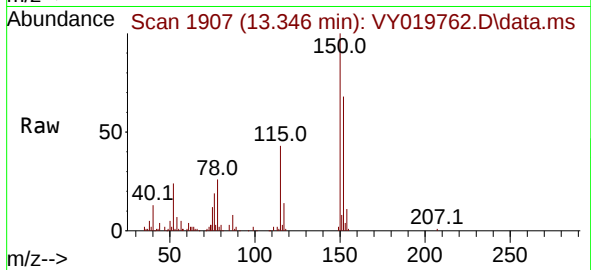
Tgt Ion:152 Resp: 19302

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 77.506 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019762.D

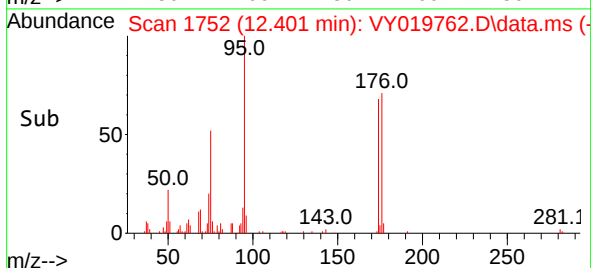
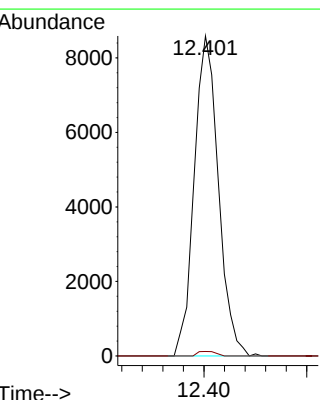
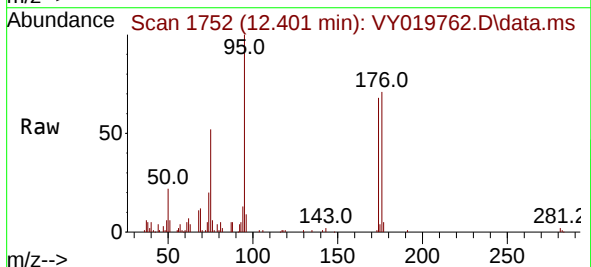
Acq: 02 Oct 2024 14:13

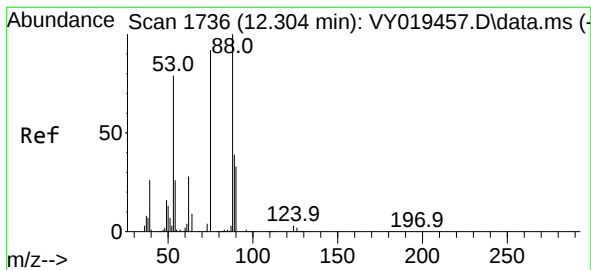
Tgt Ion: 75 Resp: 14022

Ion Ratio Lower Upper

75 100

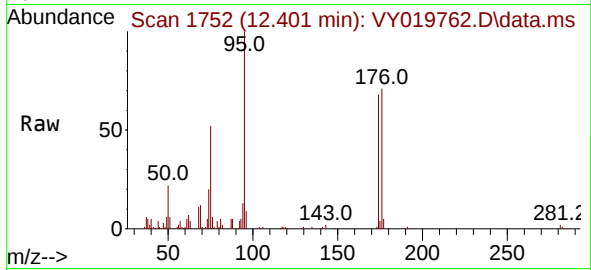
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.788 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019762.D
 Acq: 02 Oct 2024 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 14022
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

