

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019821.D
 Acq On : 08 Oct 2024 14:35
 Operator : SY/MD
 Sample : P4343-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 02:07:52 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)

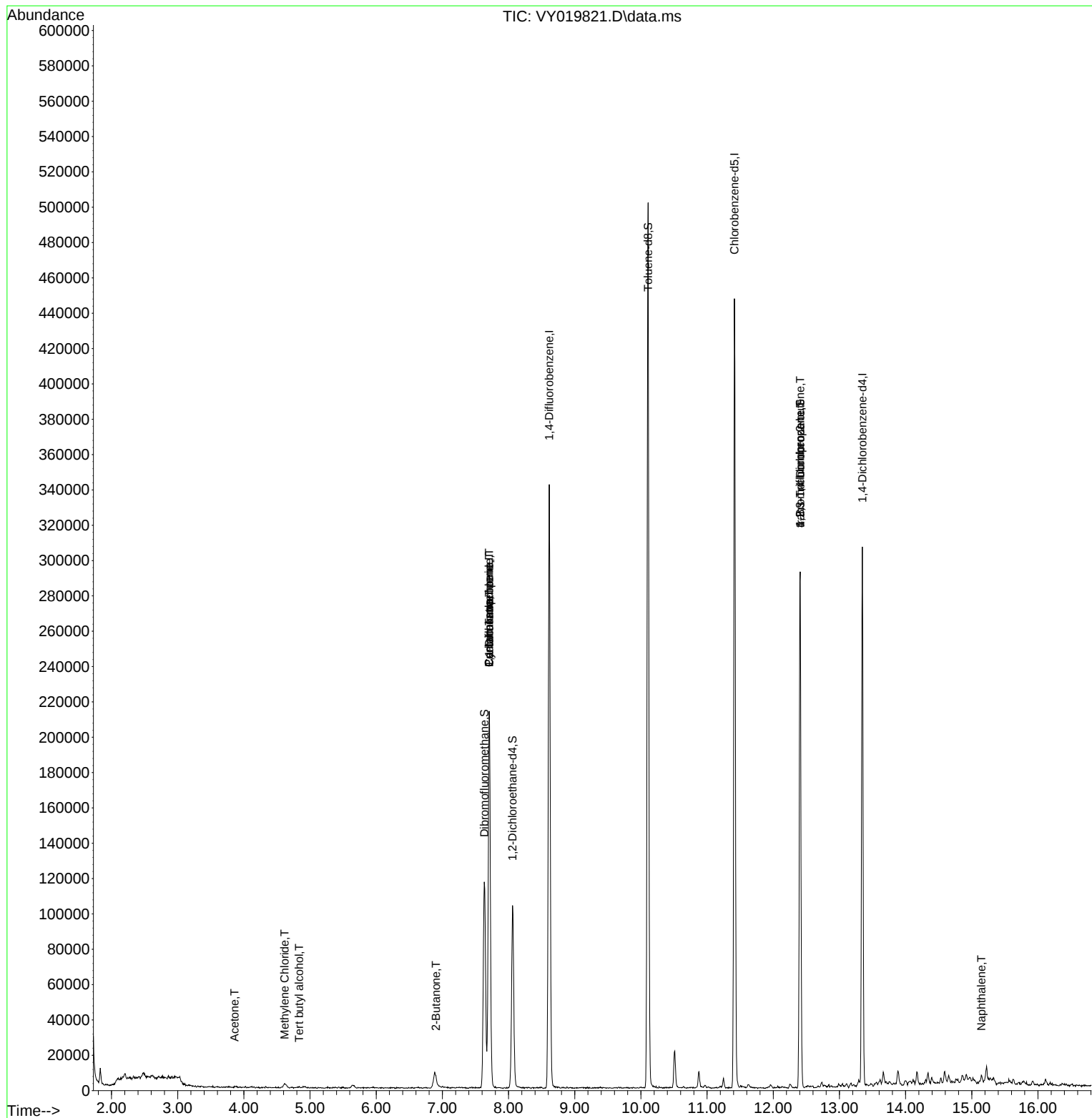
Internal Standards						
1) Pentafluorobenzene	7.707	168	151189	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	276244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	221826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80783	57.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.400%	
35) Dibromofluoromethane	7.634	113	86043	54.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.109	98	320814	55.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.407	95	89640	40.242	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	392	3.467	ug/l	# 88
13) Acrolein	3.665	56	63	Below Cal	#	15
16) Acetone	3.860	43	1060	3.178	ug/l	# 62
20) Methylene Chloride	4.616	84	1637	1.076	ug/l	# 69
25) 2-Butanone	6.902	43	736	1.552	ug/l	# 41
31) Cyclohexane	7.707	56	4083	1.630	ug/l	# 22
36) 1,1-Dichloropropene	7.707	75	14440	6.775	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	17347	7.218	ug/l	# 16
76) 1,2,3-Trichloropropane	12.407	75	50439	75.174	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	50439	144.313	ug/l	# 16
95) Naphthalene	15.145	128	2577	1.059	ug/l	# 95

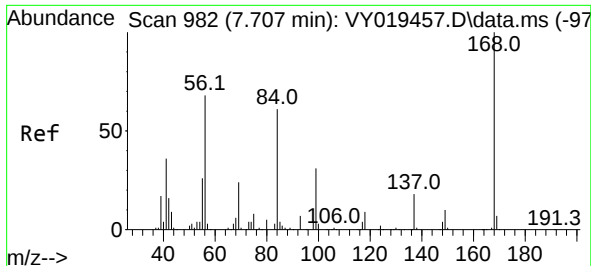
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

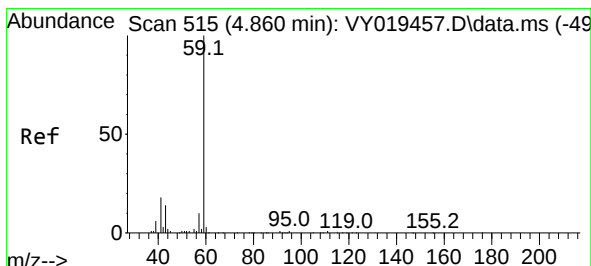
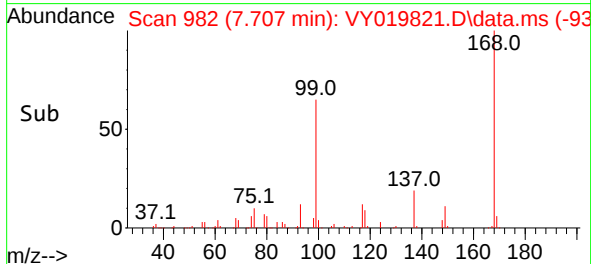
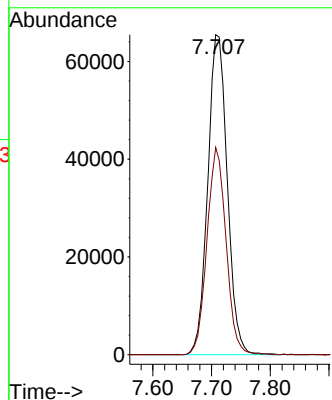
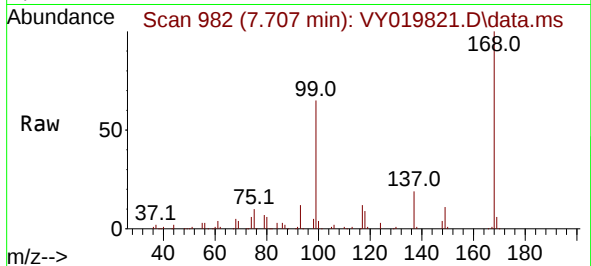




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

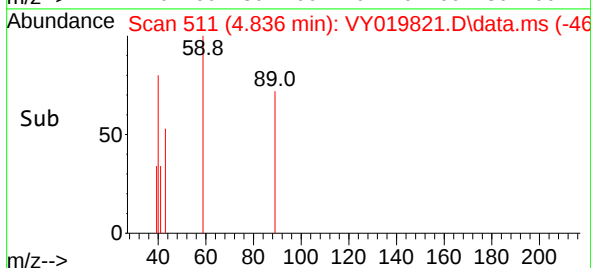
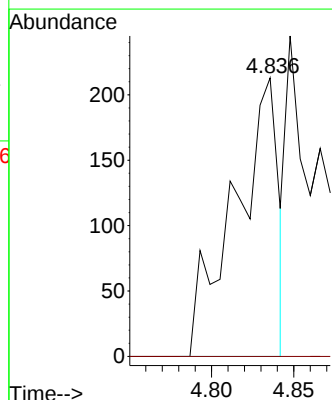
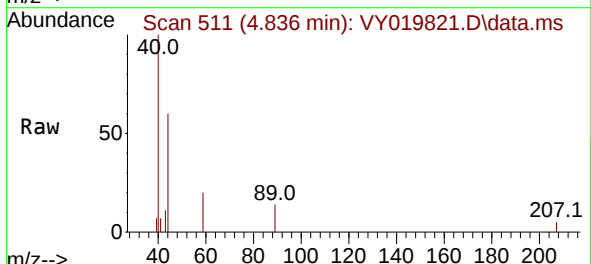
Instrument :
MSVOA_Y
ClientSampleId :

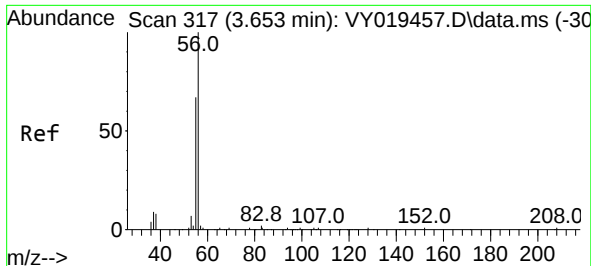
Tgt Ion:168 Resp: 151189
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.467 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

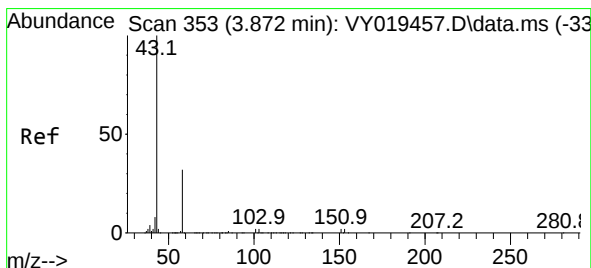
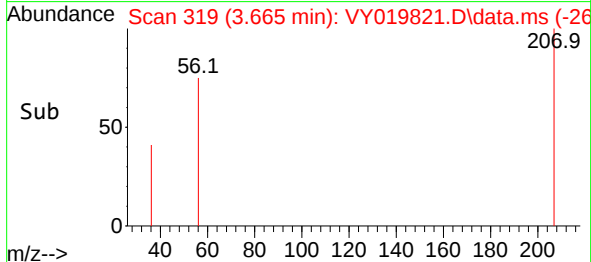
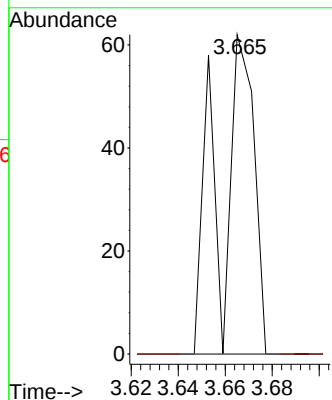
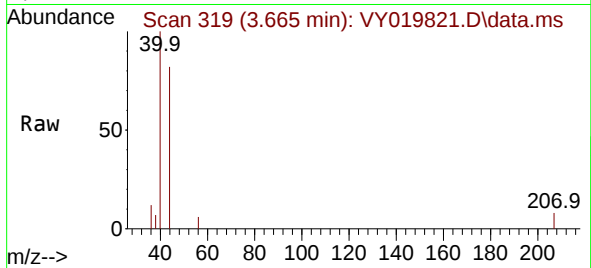




#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

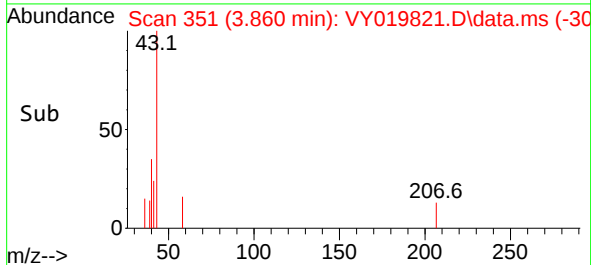
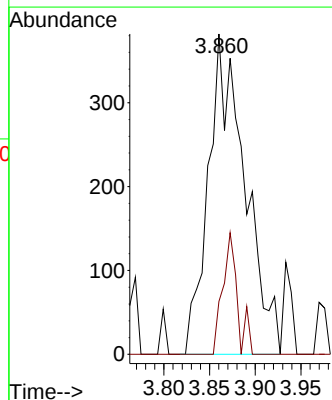
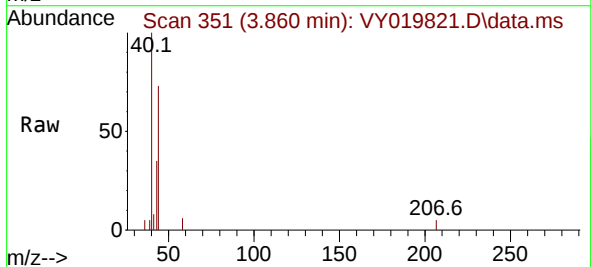
Instrument :
MSVOA_Y
ClientSampleId :

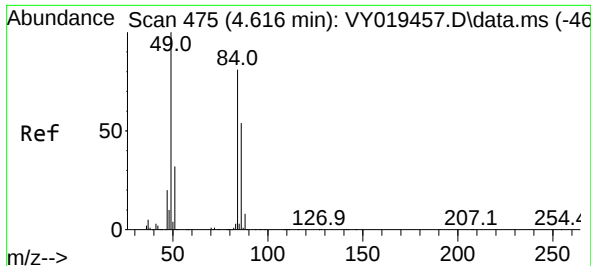
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 3.178 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

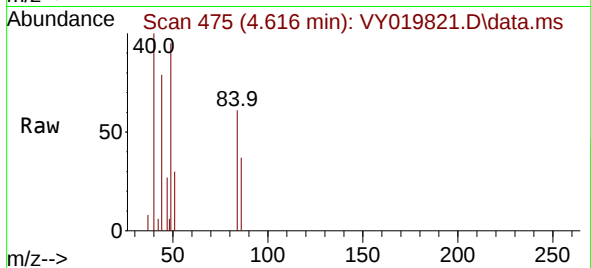
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 16.5 31.7 47.5#



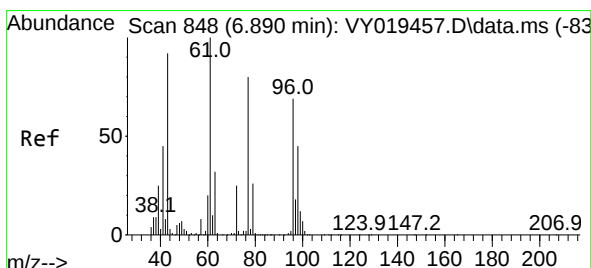
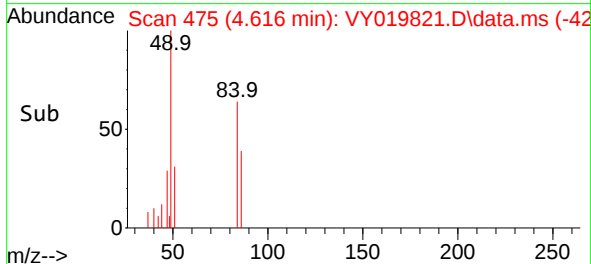
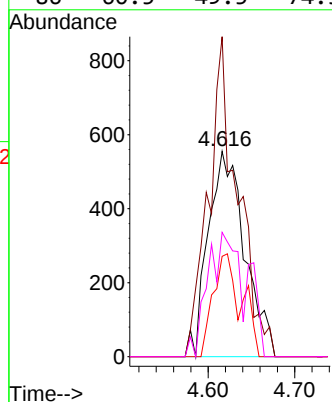


#20
Methylene Chloride
Concen: 1.076 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

Instrument :
MSVOA_Y
ClientSampleId :

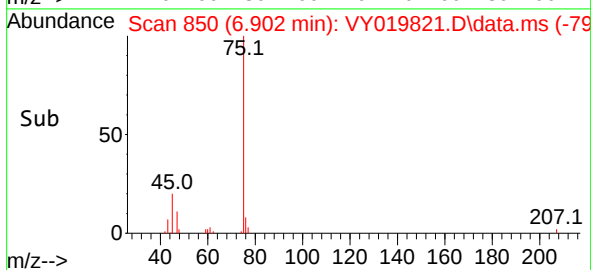
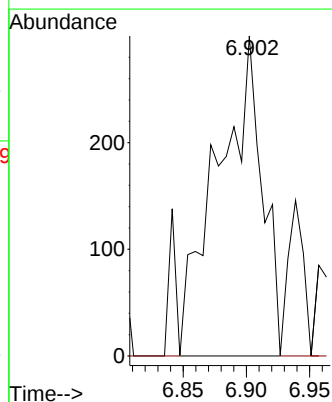
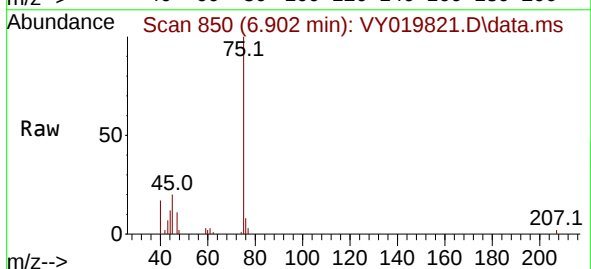


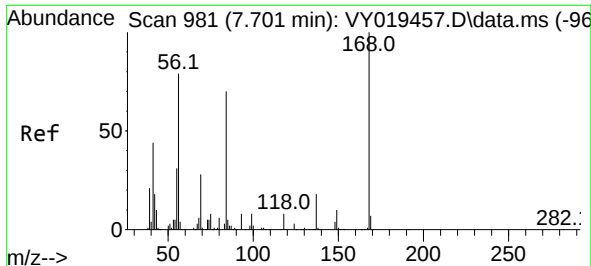
Tgt Ion:	84	Resp:	1637
Ion	Ratio	Lower	Upper
84	100		
49	155.9	84.4	126.6#
51	48.8	26.0	39.0#
86	60.5	49.5	74.3



#25
2-Butanone
Concen: 1.552 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

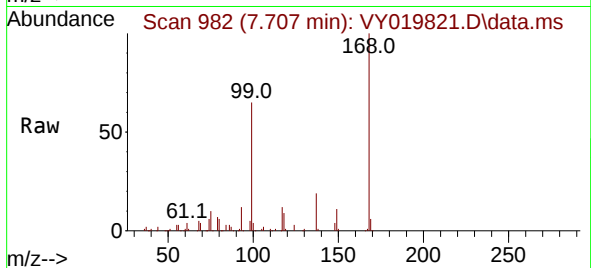
Tgt Ion:	43	Resp:	736
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



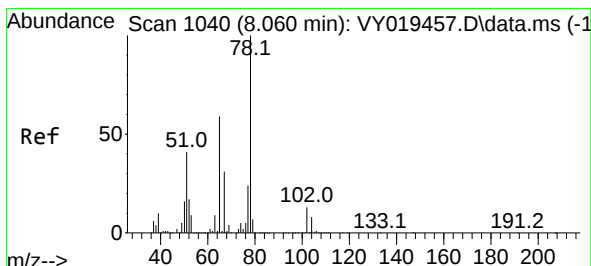
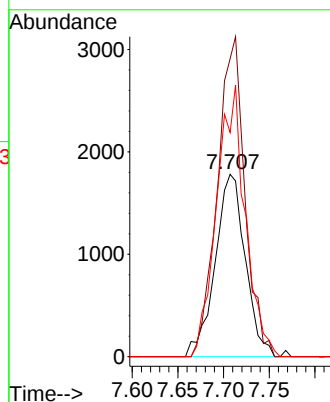
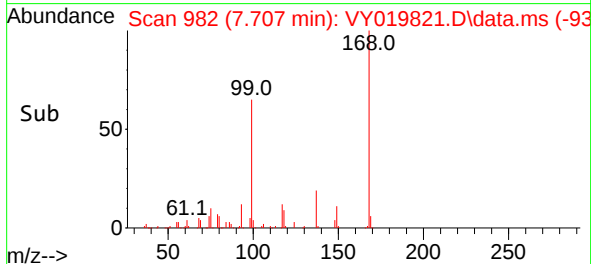


#31
Cyclohexane
Concen: 1.630 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

Instrument :
MSVOA_Y
ClientSampleId :

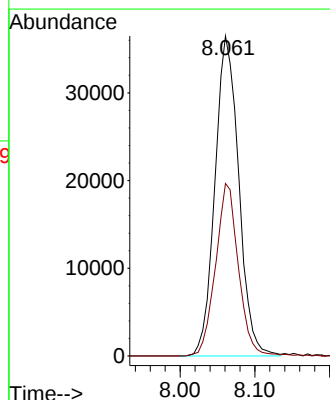
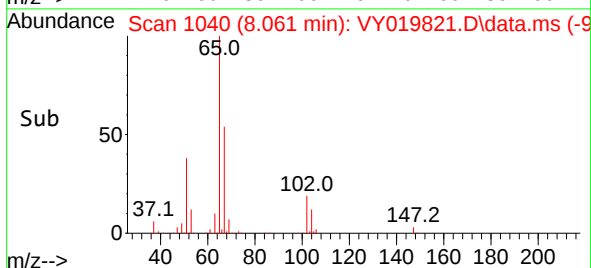
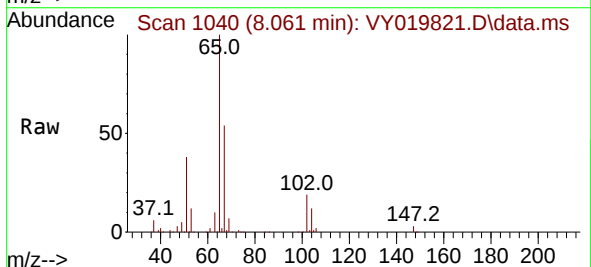


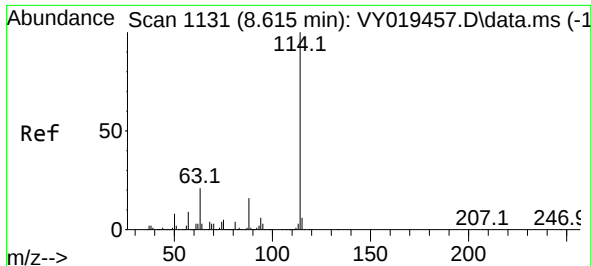
Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
69 163.3 28.7 43.1#
84 122.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.703 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

Tgt Ion: 65 Resp: 80783
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

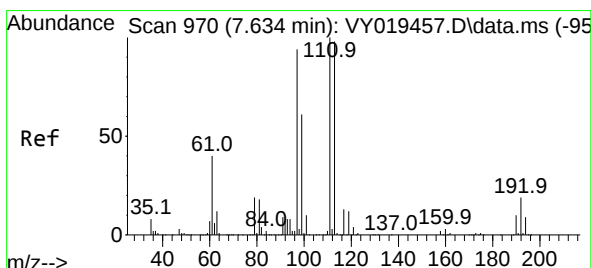
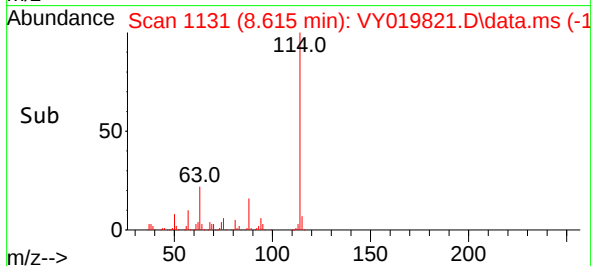
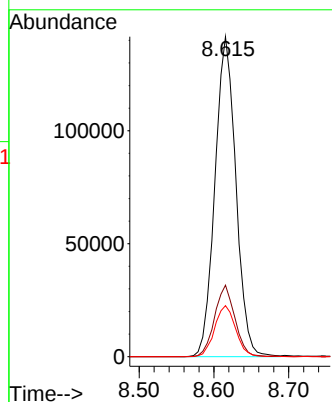
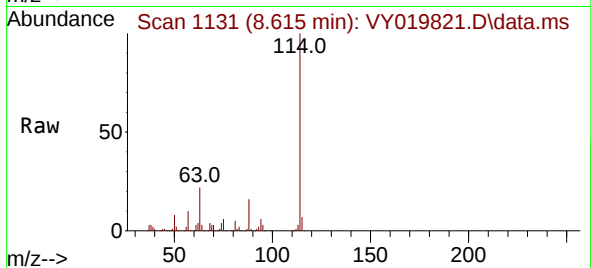
Tgt Ion:114 Resp: 276244

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.936 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

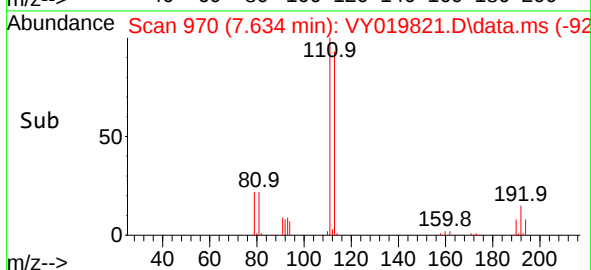
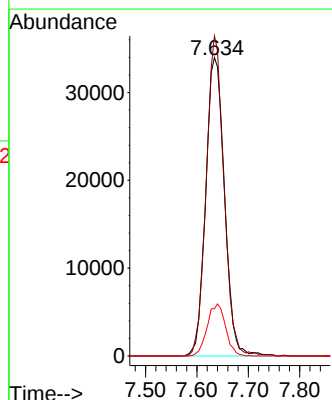
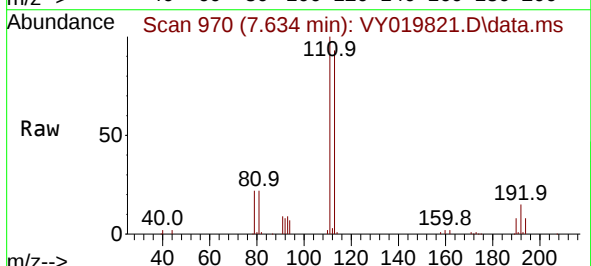
Tgt Ion:113 Resp: 86043

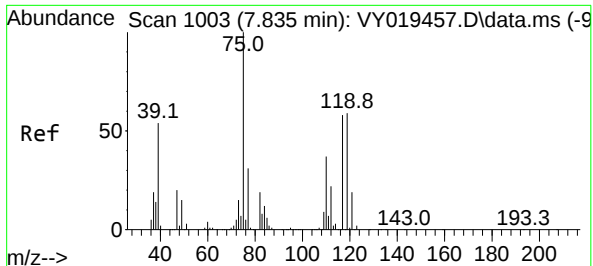
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 17.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.775 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019821.D

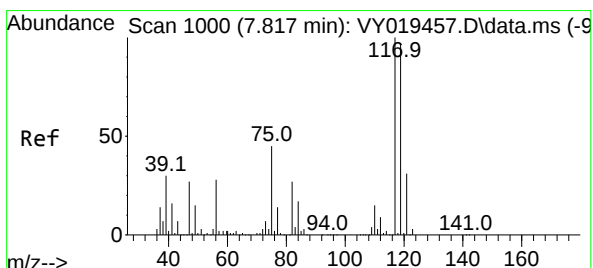
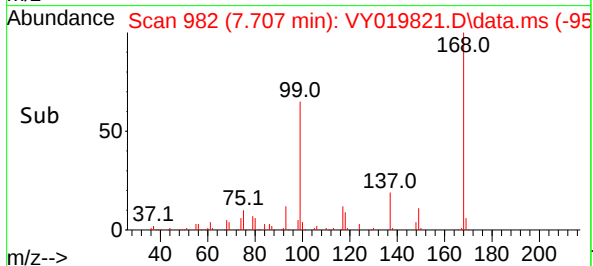
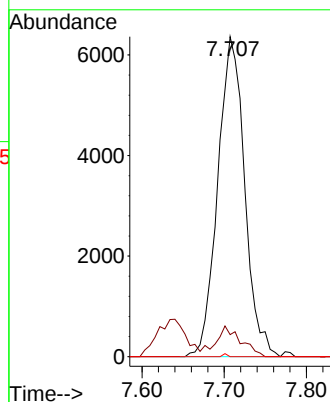
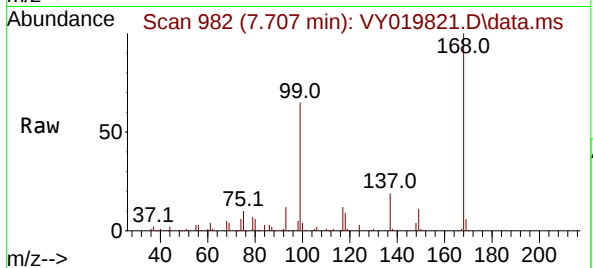
Acq: 08 Oct 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	14440
Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.0	57.0#
77	0.2	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 7.218 ug/l

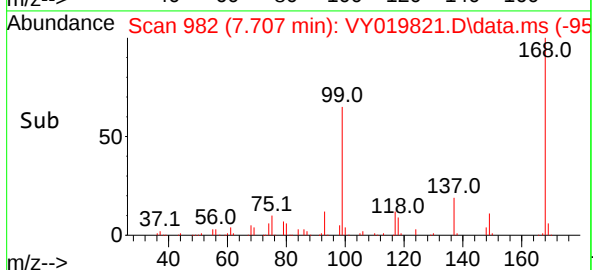
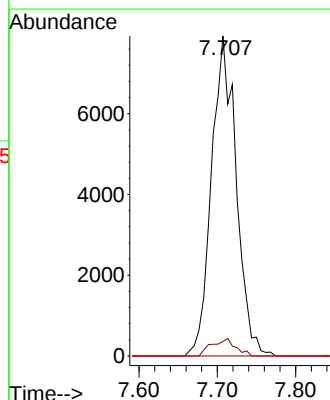
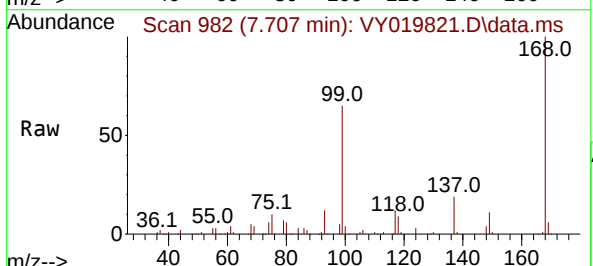
RT: 7.707 min Scan# 982

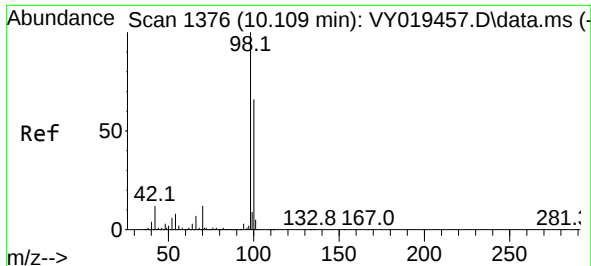
Delta R.T. -0.110 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

Tgt Ion:	117	Resp:	17347
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.6#
121	0.0	24.0	36.0#

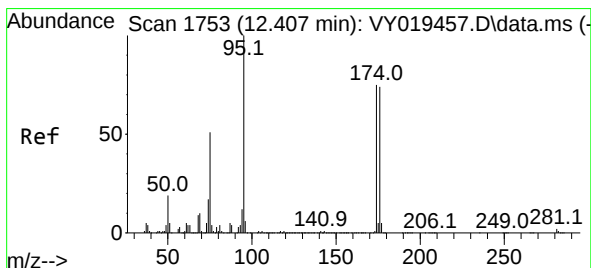
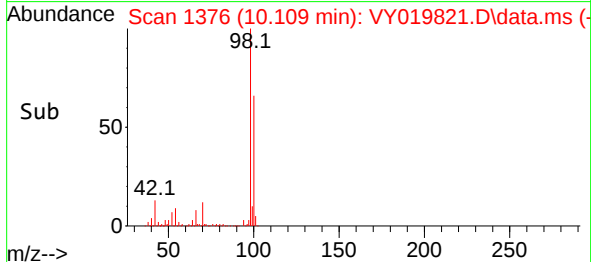
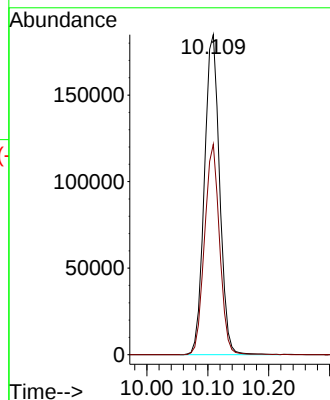
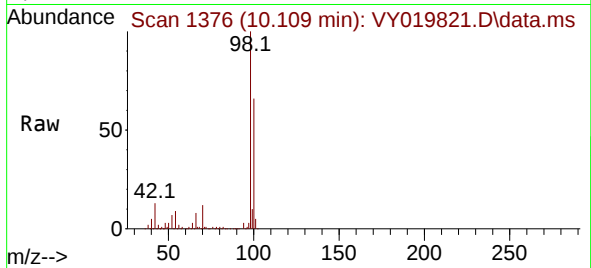




#50
Toluene-d8
Concen: 55.378 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

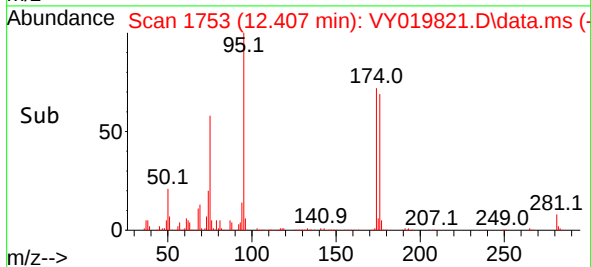
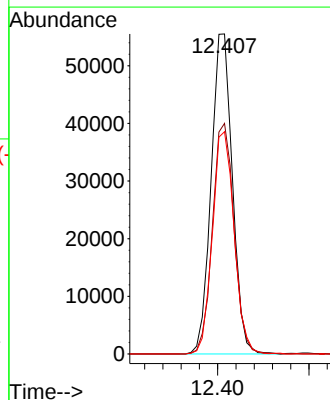
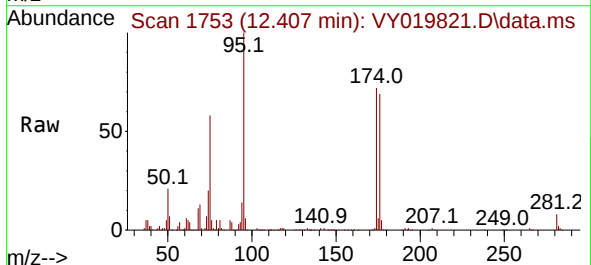
Instrument :
MSVOA_Y
ClientSampleId :

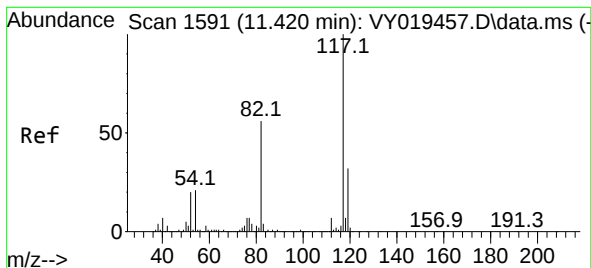
Tgt Ion: 98 Resp: 320814
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.242 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019821.D
Acq: 08 Oct 2024 14:35

Tgt Ion: 95 Resp: 89640
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

Instrument :

MSVOA_Y

ClientSampleId :

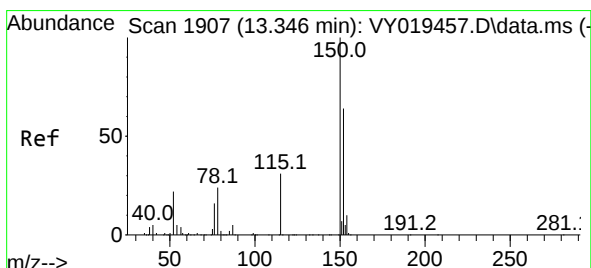
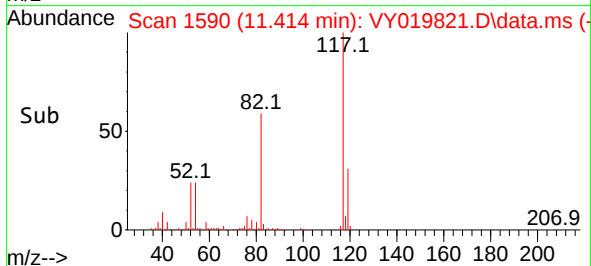
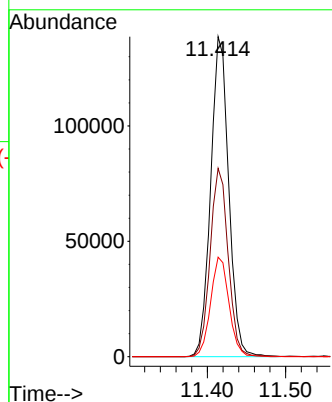
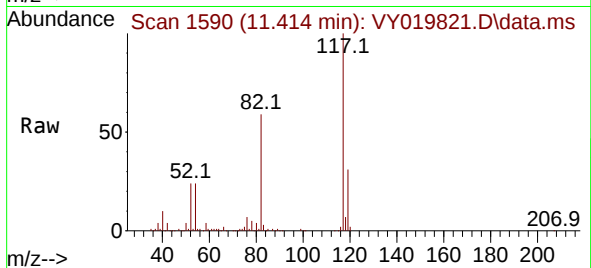
Tgt Ion:117 Resp: 221826

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 31.1 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: VY019821.D

Acq: 08 Oct 2024 14:35

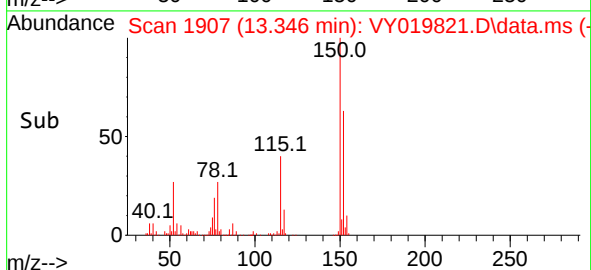
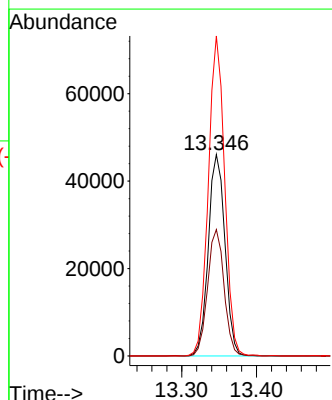
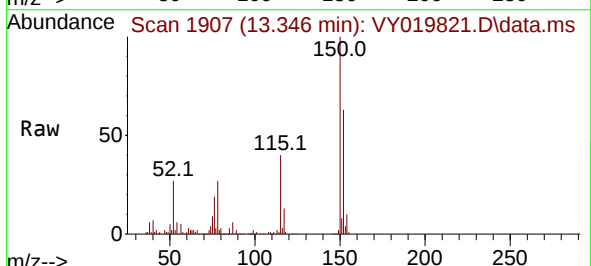
Tgt Ion:152 Resp: 71585

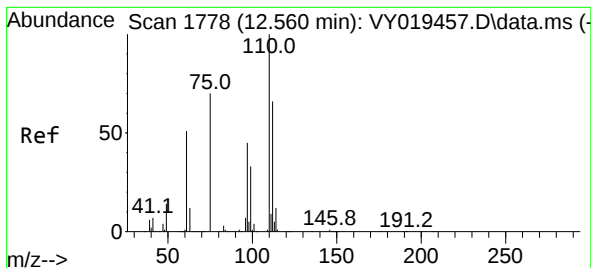
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 155.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 75.174 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

Instrument :

MSVOA_Y

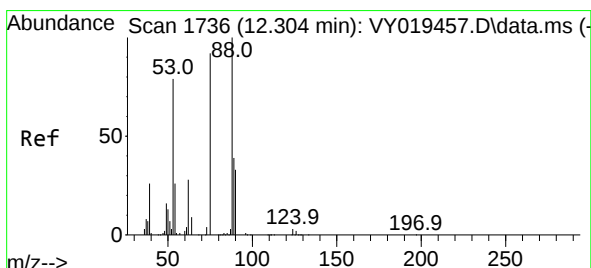
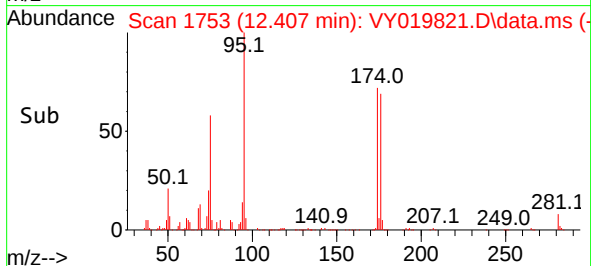
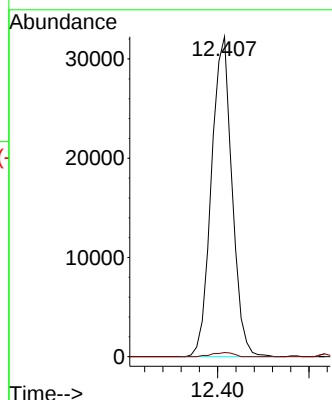
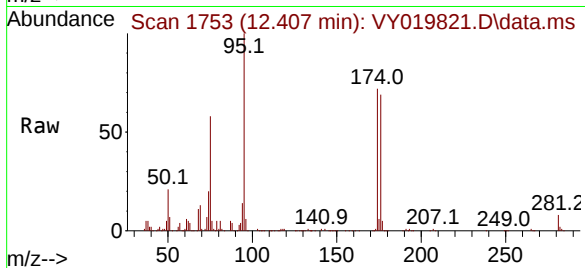
ClientSampleId :

Tgt Ion: 75 Resp: 50439

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.313 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019821.D

Acq: 08 Oct 2024 14:35

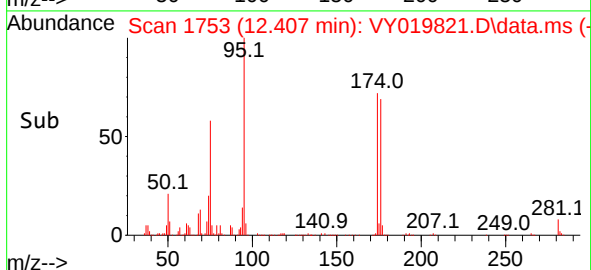
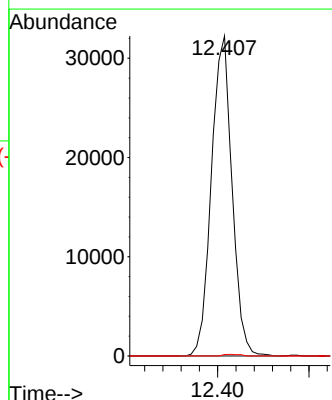
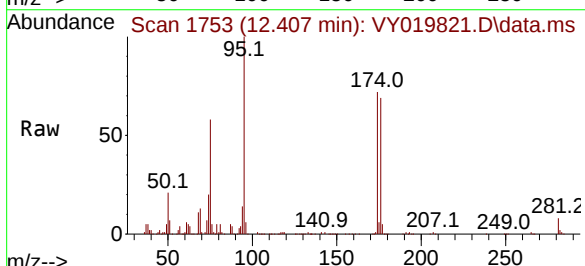
Tgt Ion: 75 Resp: 50439

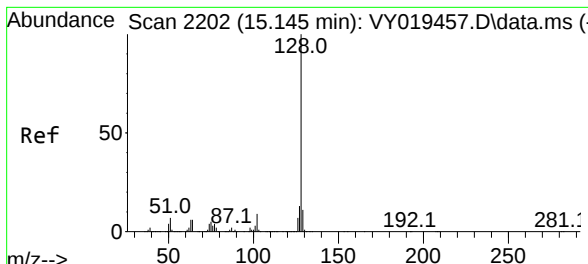
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

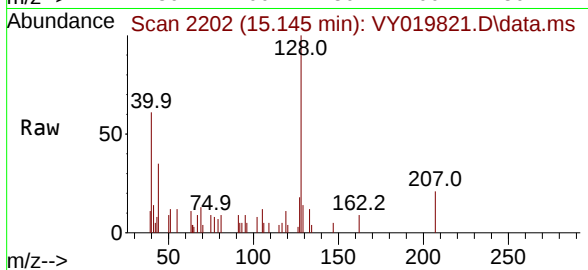
89 0.4 35.8 53.6#





#95
 Naphthalene
 Concen: 1.059 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019821.D
 Acq: 08 Oct 2024 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	2577
Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.6	16.0#
129	12.1	8.6	13.0

