

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019757.D
 Acq On : 02 Oct 2024 10:13
 Operator : SY/MD
 Sample : VY1002SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:58:44 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)

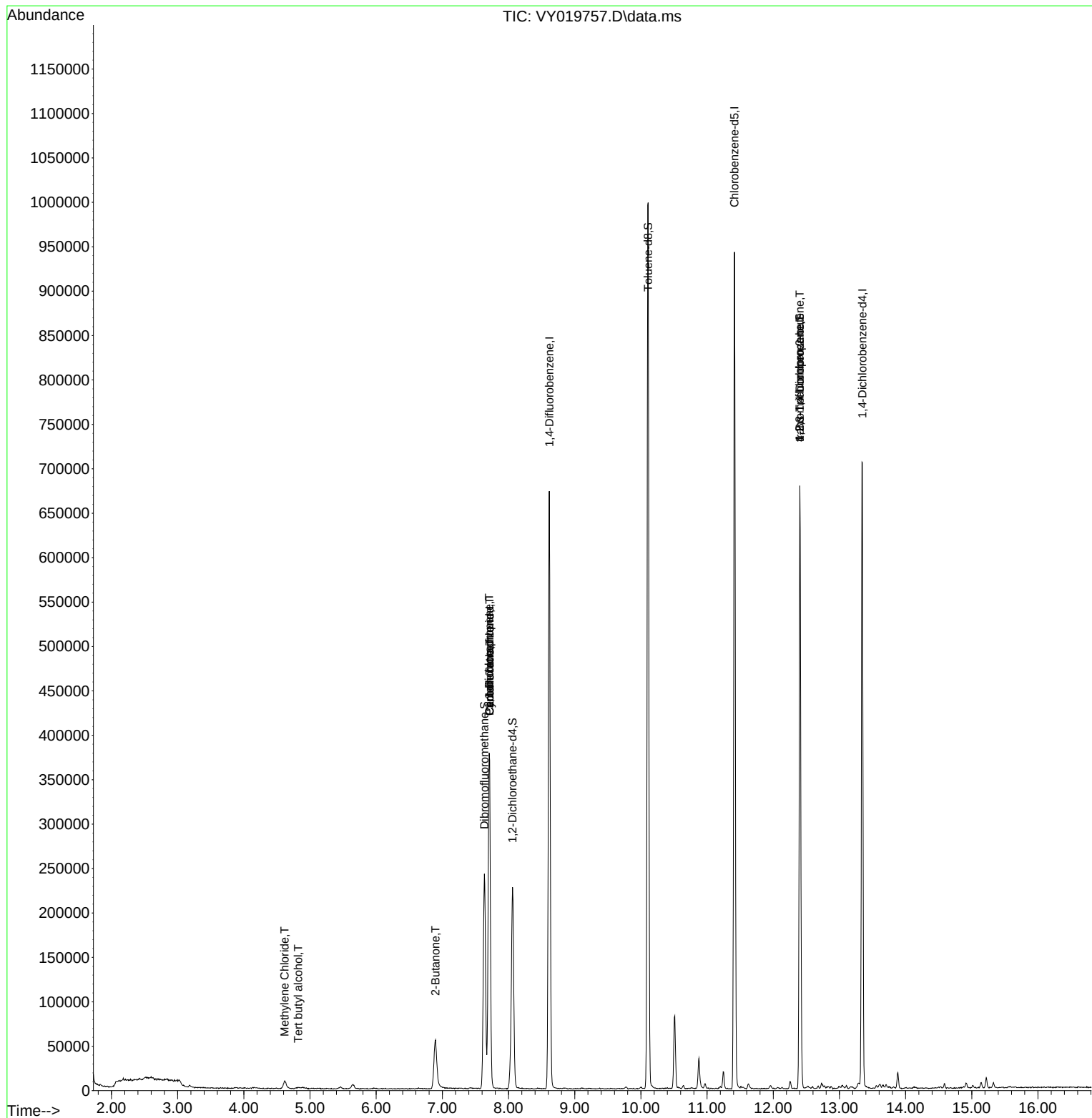
Internal Standards						
1) Pentafluorobenzene	7.713	168	286214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	551968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	482661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167942	63.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.740%	
35) Dibromofluoromethane	7.634	113	173639	55.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.960%	
50) Toluene-d8	10.109	98	654579	56.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.402	95	204991	46.056	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	104	Below Cal	#	43
11) Tert butyl alcohol	4.824	59	237	1.107	ug/l #	69
13) Acrolein	3.647	56	133	Below Cal		88
20) Methylene Chloride	4.616	84	5560	1.931	ug/l #	84
25) 2-Butanone	6.896	43	3810	4.243	ug/l #	68
31) Cyclohexane	7.713	56	6780	1.429	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	25371	5.958	ug/l #	48
38) Carbon Tetrachloride	7.713	117	31356	6.530	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	112372	70.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	112372	135.646	ug/l #	16

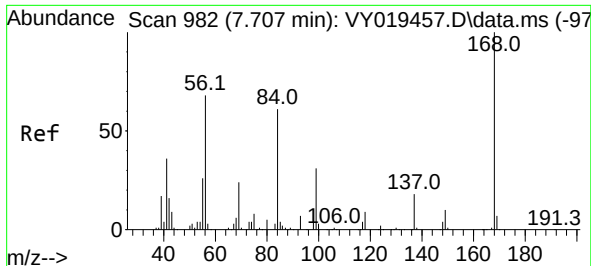
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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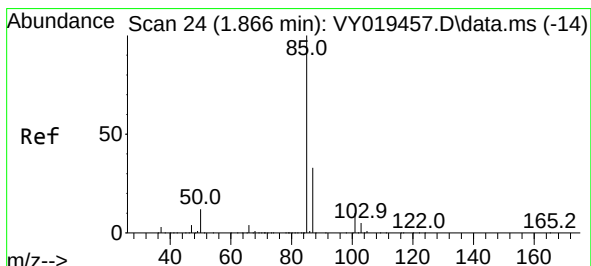
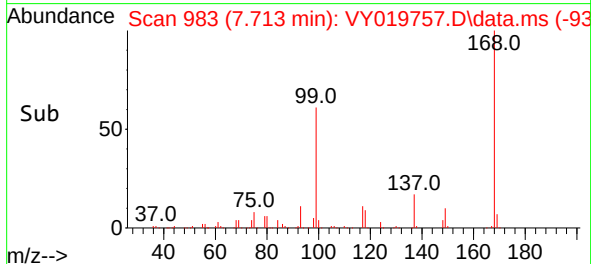
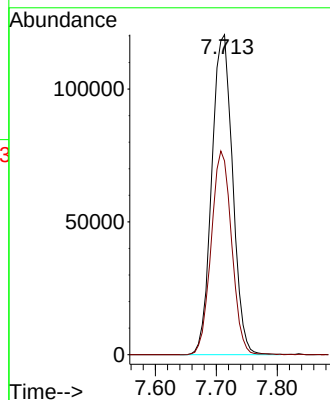
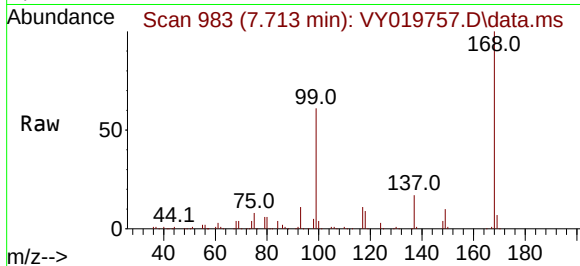




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

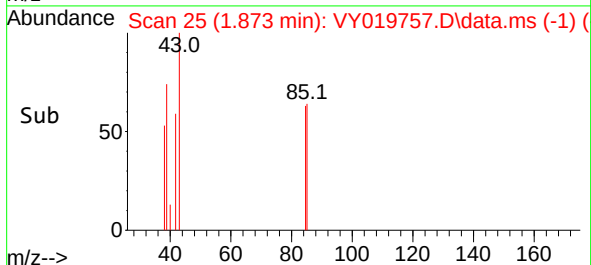
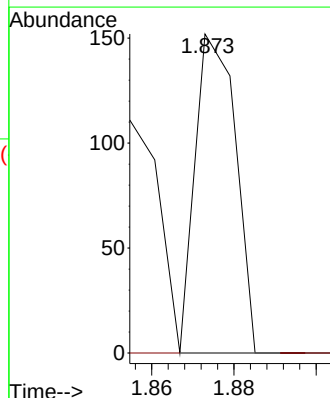
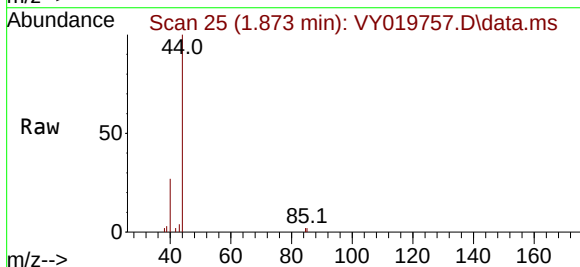
Instrument :
MSVOA_Y
ClientSampleId :

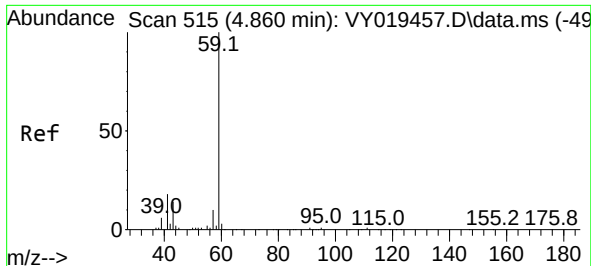
Tgt Ion:168 Resp: 286214
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Tgt Ion: 85 Resp: 104
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.107 ug/l

RT: 4.824 min Scan# 509

Delta R.T. -0.036 min

Lab File: VY019757.D

Acq: 02 Oct 2024 10:13

Instrument :

MSVOA_Y

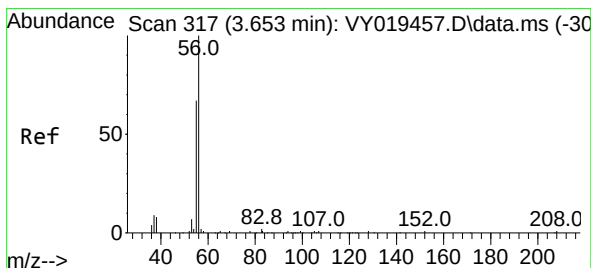
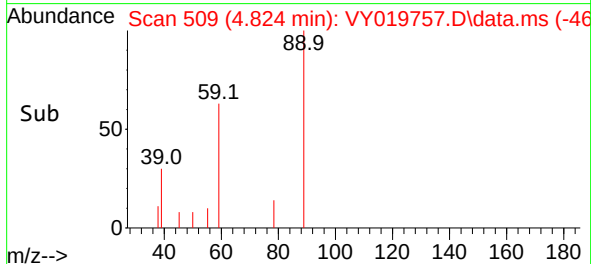
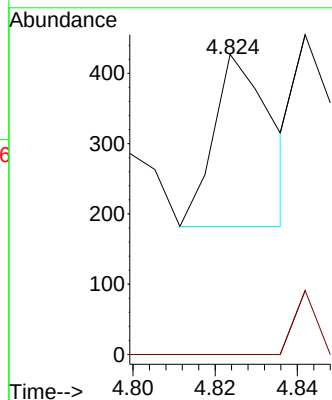
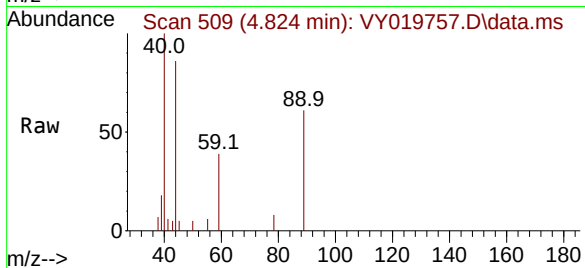
ClientSampleId :

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 13.9 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019757.D

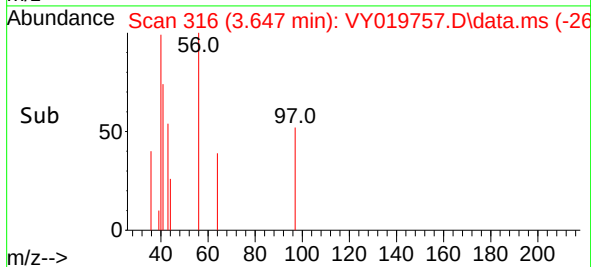
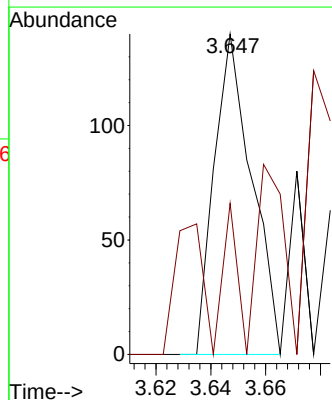
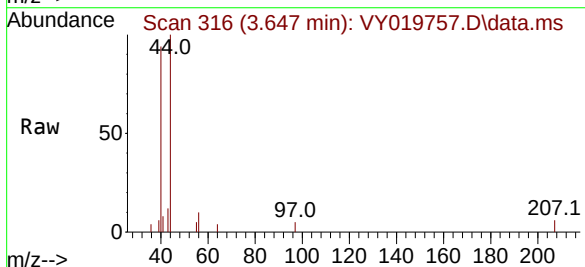
Acq: 02 Oct 2024 10:13

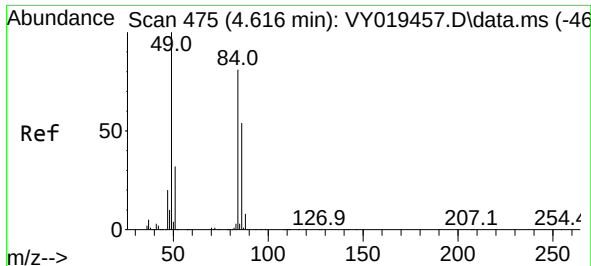
Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

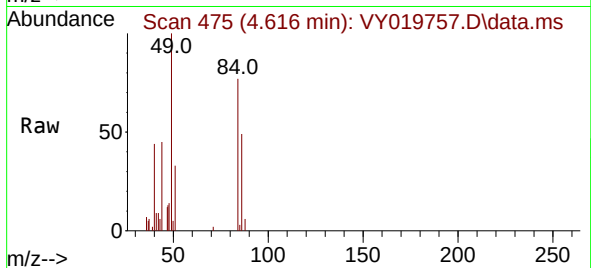
55 60.2 55.7 83.5



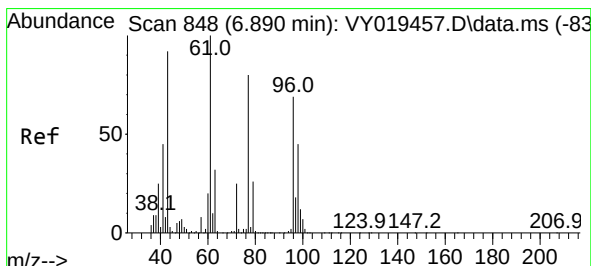
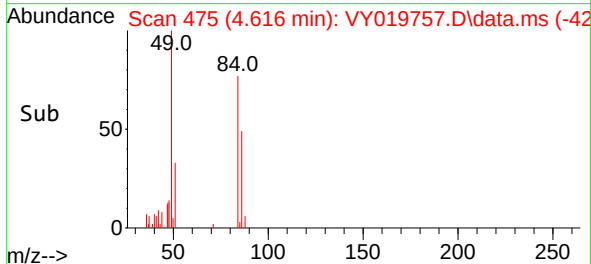
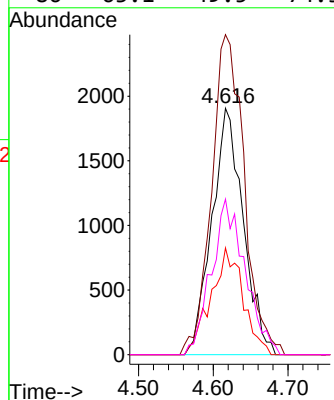


#20
Methylene Chloride
Concen: 1.931 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Instrument :
MSVOA_Y
ClientSampleId :

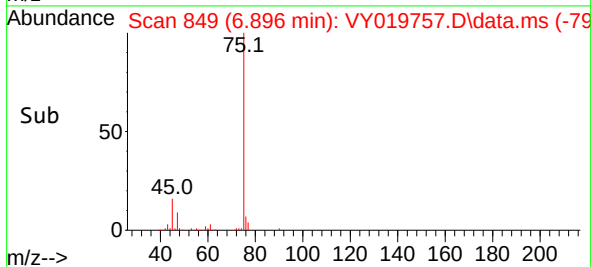
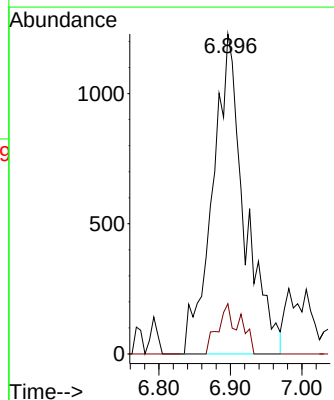
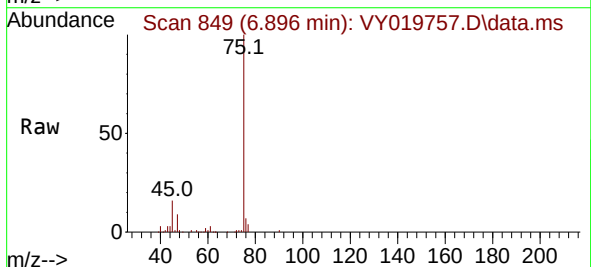


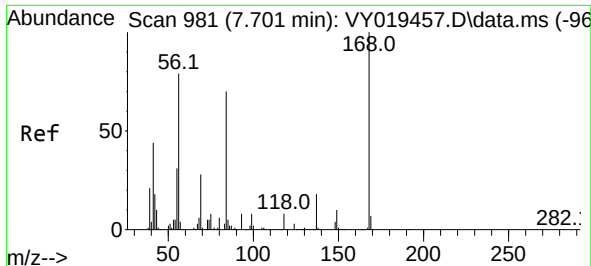
Tgt Ion:	84	Resp:	5560
Ion	Ratio	Lower	Upper
84	100		
49	129.8	84.4	126.6#
51	43.3	26.0	39.0#
86	63.1	49.5	74.3



#25
2-Butanone
Concen: 4.243 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

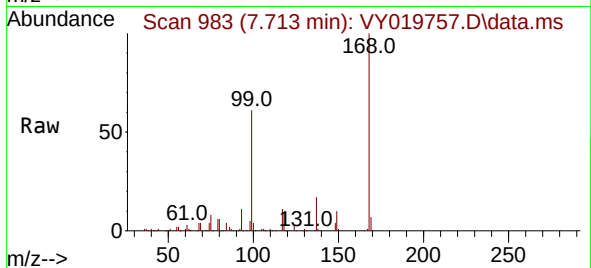
Tgt Ion:	43	Resp:	3810
Ion	Ratio	Lower	Upper
43	100		
72	15.7	27.3	40.9#



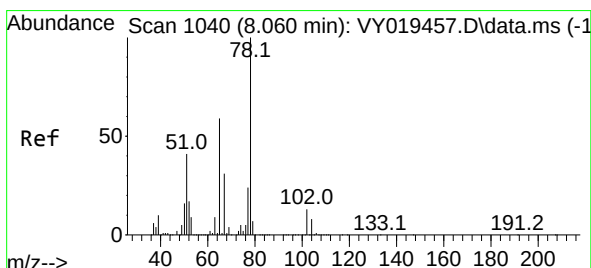
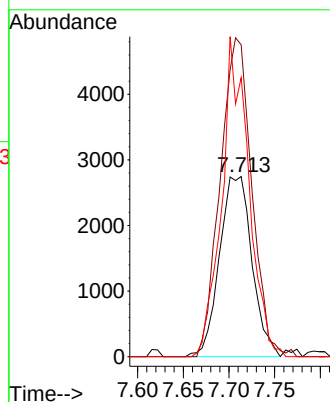
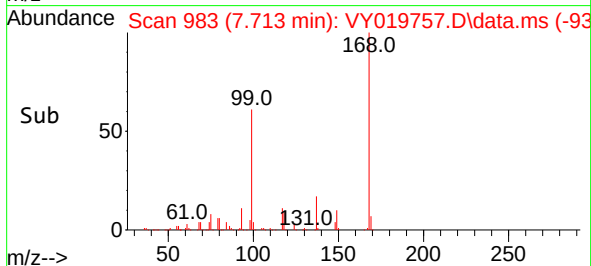


#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Instrument :
MSVOA_Y
ClientSampleId :

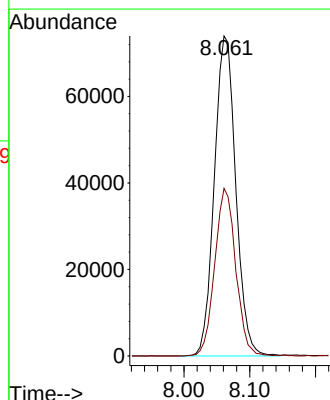
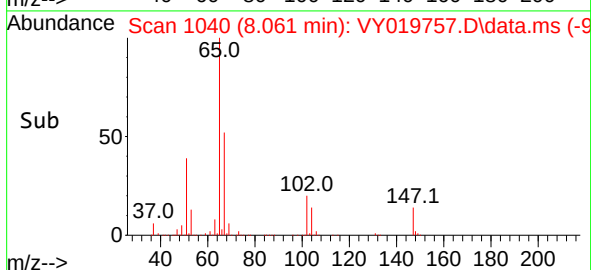
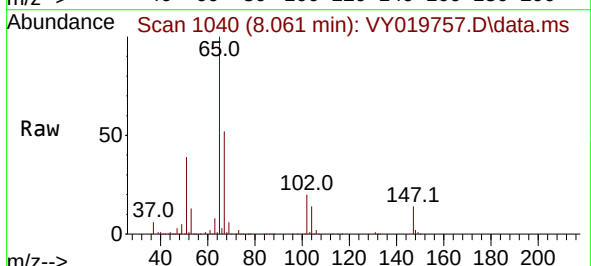


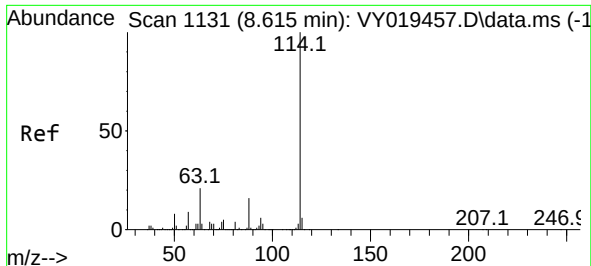
Tgt Ion: 56 Resp: 6780
Ion Ratio Lower Upper
56 100
69 173.3 28.7 43.1#
84 155.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.368 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Tgt Ion: 65 Resp: 167942
Ion Ratio Lower Upper
65 100
67 51.3 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: VY019757.D

Acq: 02 Oct 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

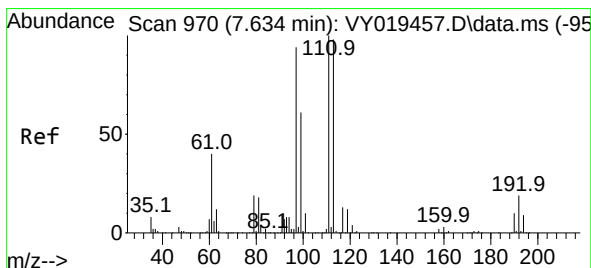
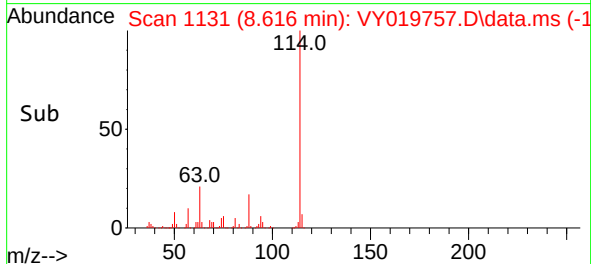
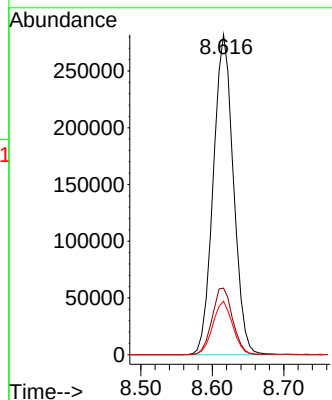
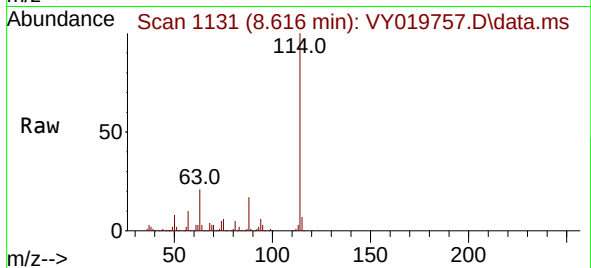
Tgt Ion:114 Resp: 551968

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 16.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.484 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019757.D

Acq: 02 Oct 2024 10:13

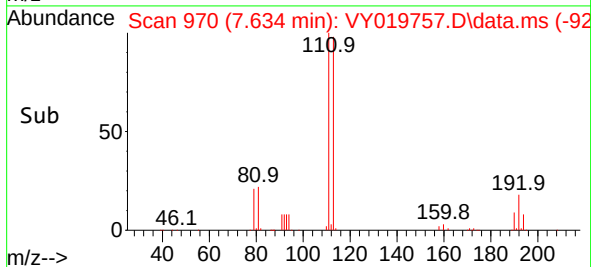
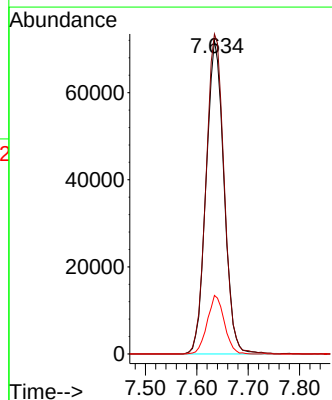
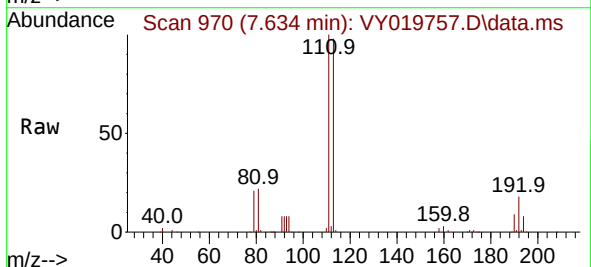
Tgt Ion:113 Resp: 173639

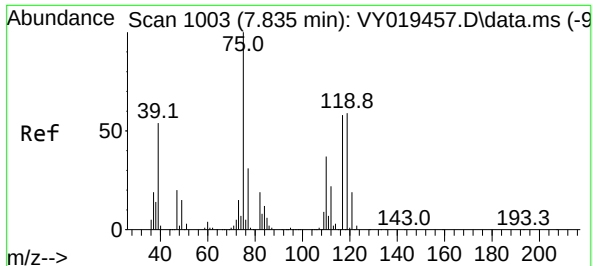
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.958 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019757.D

Acq: 02 Oct 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :

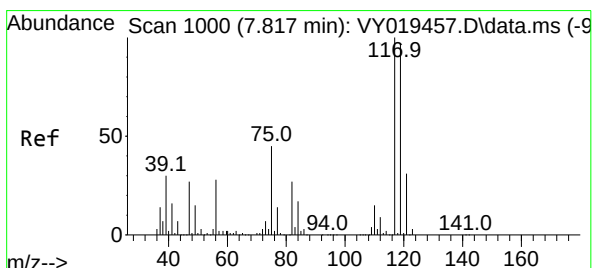
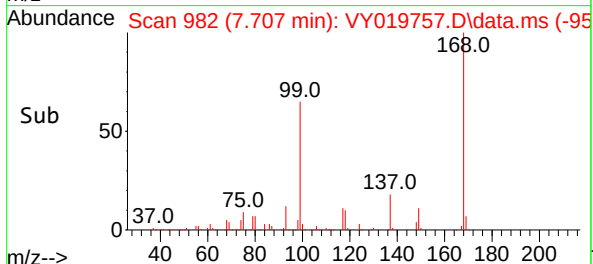
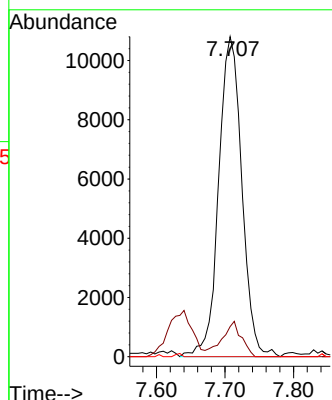
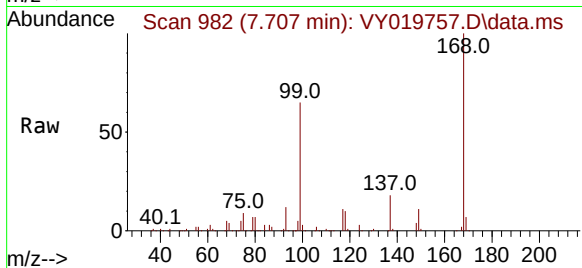
Tgt Ion: 75 Resp: 25371

Ion Ratio Lower Upper

75 100

110 9.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.530 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019757.D

Acq: 02 Oct 2024 10:13

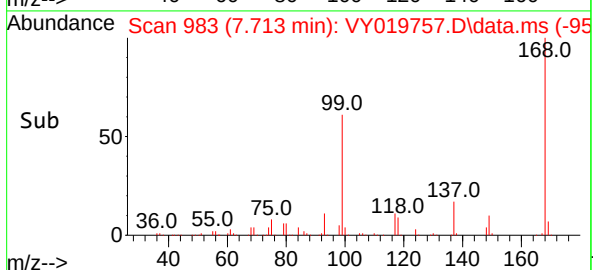
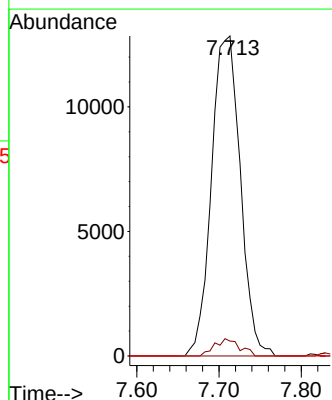
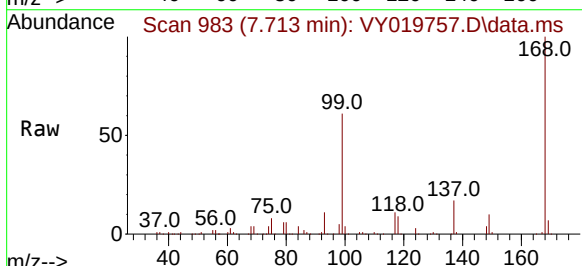
Tgt Ion: 117 Resp: 31356

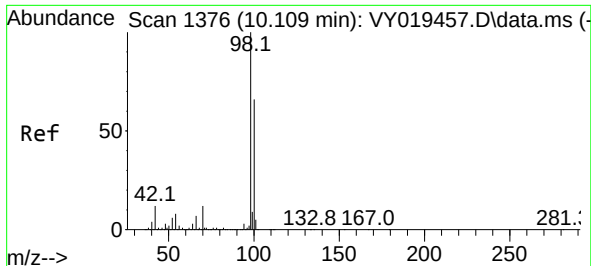
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.0 36.0#

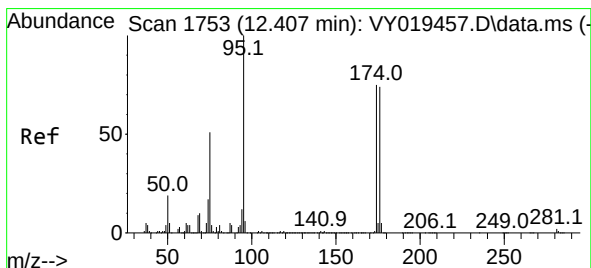
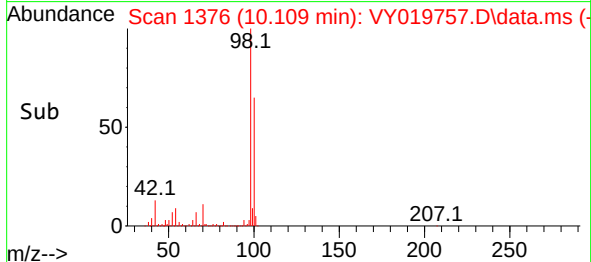
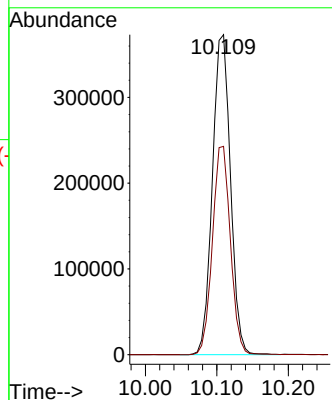
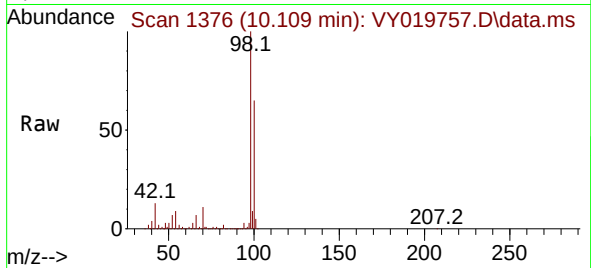




#50
Toluene-d8
Concen: 56.549 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

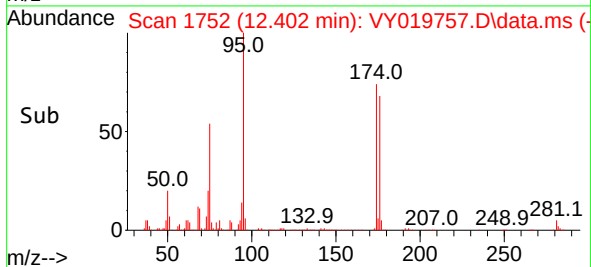
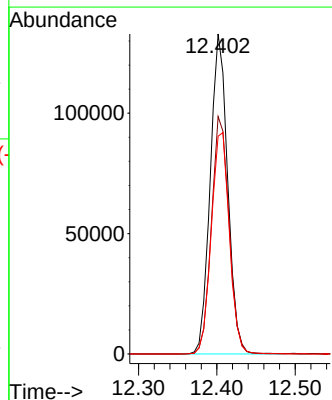
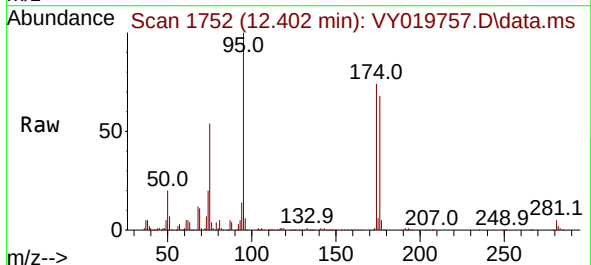
Instrument :
MSVOA_Y
ClientSampleId :

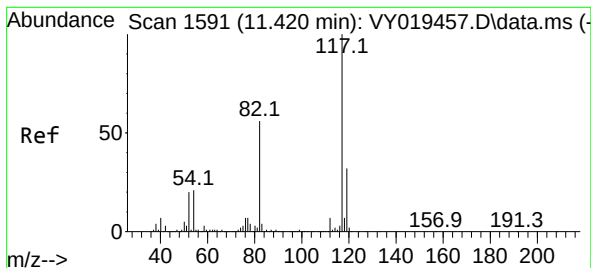
Tgt Ion: 98 Resp: 654579
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Tgt Ion: 95 Resp: 204991
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

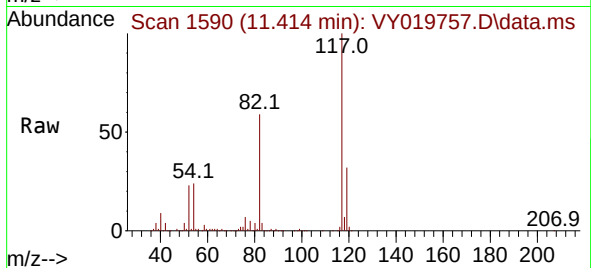
Lab File: VY019757.D

Acq: 02 Oct 2024 10:13

Instrument :

MSVOA_Y

ClientSampleId :



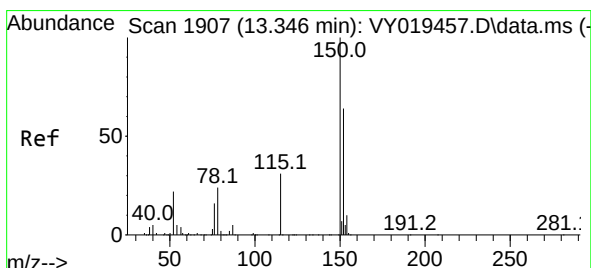
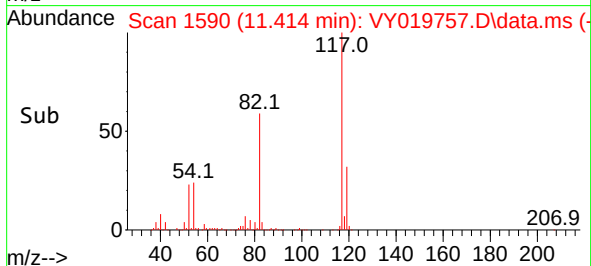
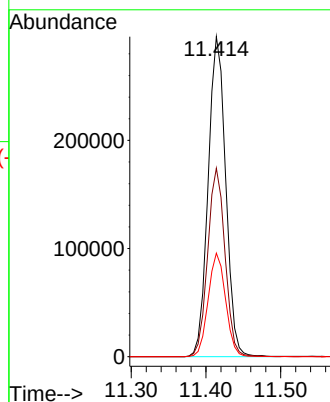
Tgt Ion:117 Resp: 482661

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.3 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: VY019757.D

Acq: 02 Oct 2024 10:13

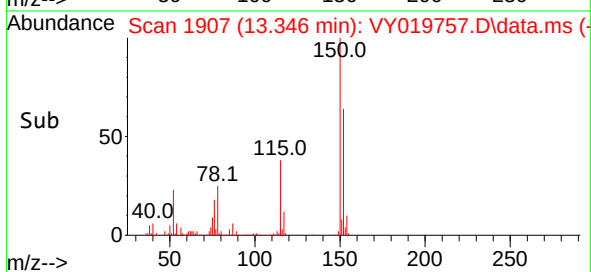
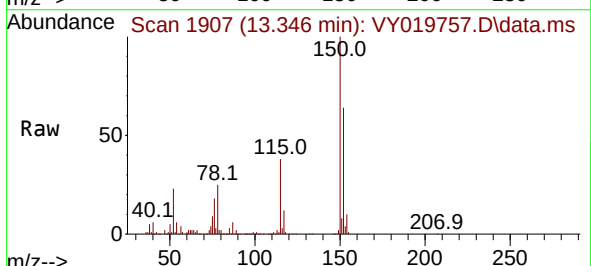
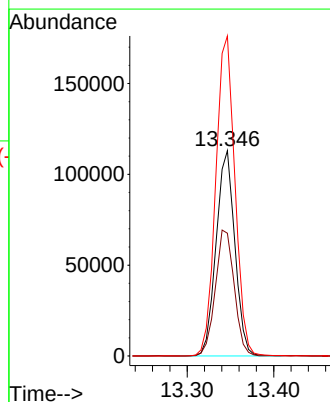
Tgt Ion:152 Resp: 169673

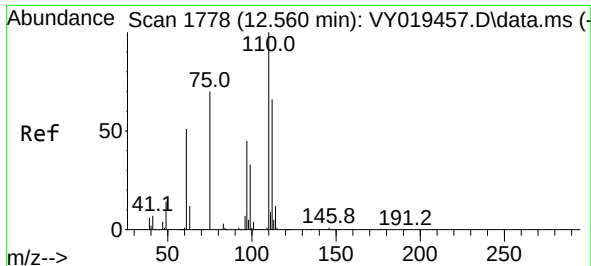
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 159.5 0.0 345.6

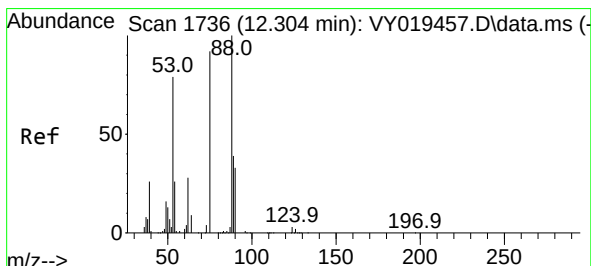
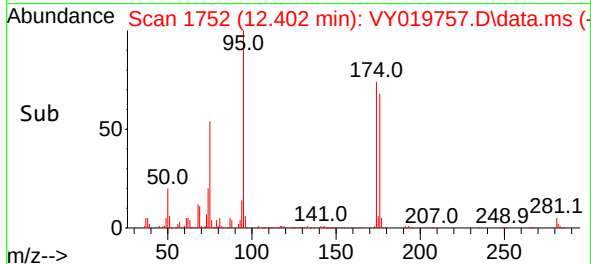
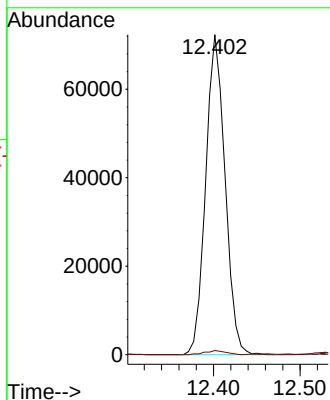
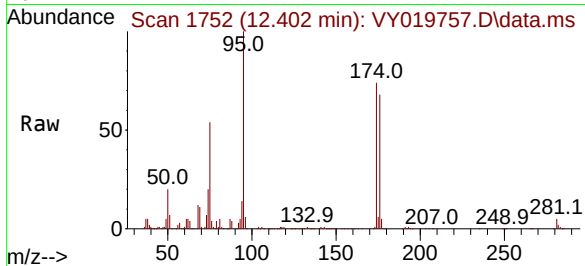




#76
1,2,3-Trichloropropane
Concen: 70.660 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 112372
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.646 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019757.D
Acq: 02 Oct 2024 10:13

Tgt Ion: 75 Resp: 112372
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

