

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019485.D
 Acq On : 10 Sep 2024 14:14
 Operator : SY/MD
 Sample : P3906-09
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:49:17 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)

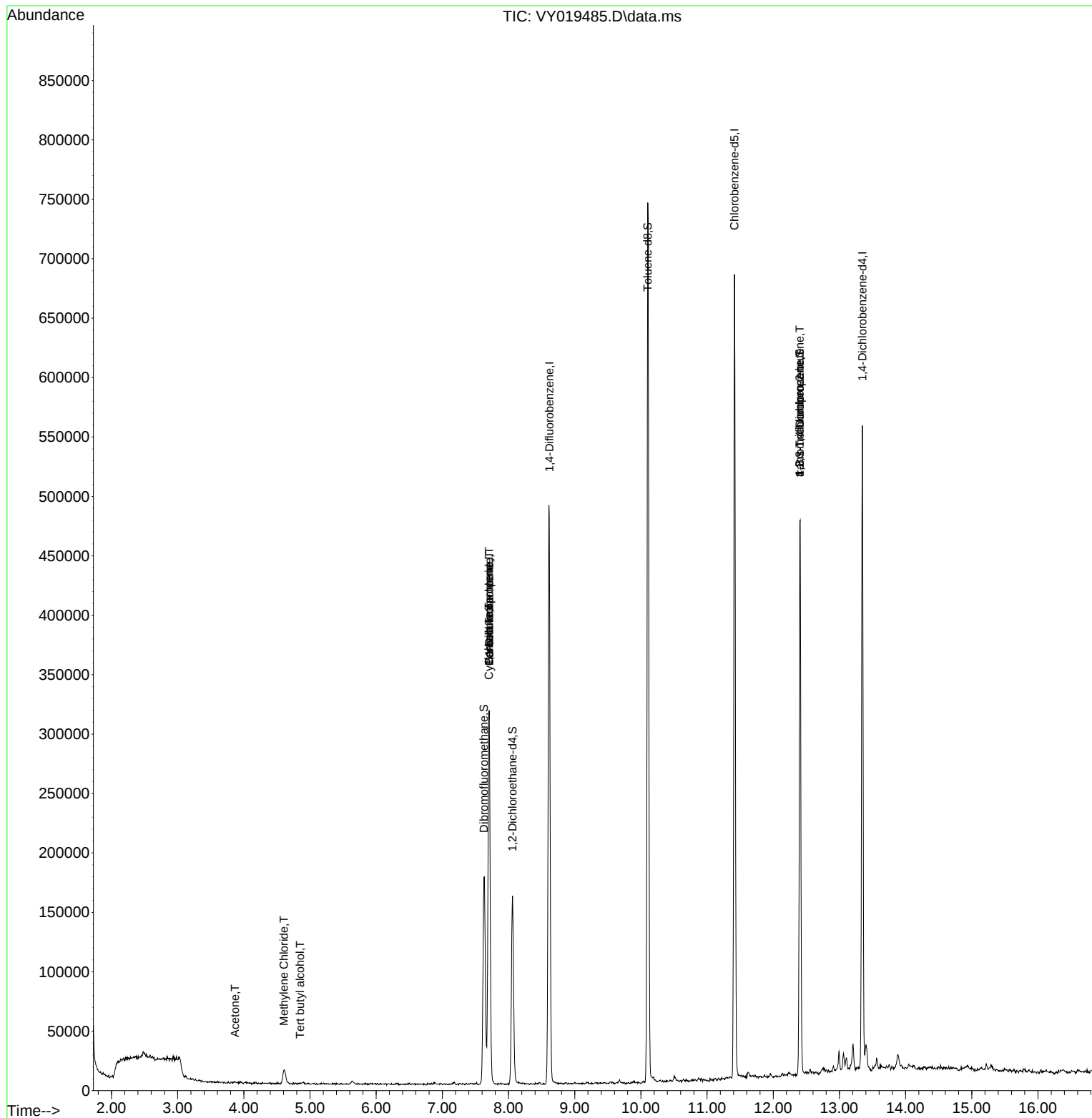
Internal Standards						
1) Pentafluorobenzene	7.707	168	232837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	419388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126335	58.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.200%	
35) Dibromofluoromethane	7.628	113	129901	54.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.103	98	488621	55.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.120%	
62) 4-Bromofluorobenzene	12.402	95	153621	45.426	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	141	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	339	1.947	ug/l #	1
13) Acrolein	3.671	56	355	Below Cal	#	34
16) Acetone	3.866	43	1132	2.204	ug/l #	73
20) Methylene Chloride	4.604	84	8410	3.590	ug/l #	80
31) Cyclohexane	7.701	56	5766	1.494	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	20741	6.410	ug/l #	49
38) Carbon Tetrachloride	7.707	117	25369	6.953	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	80113	65.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	80113	125.531	ug/l #	16

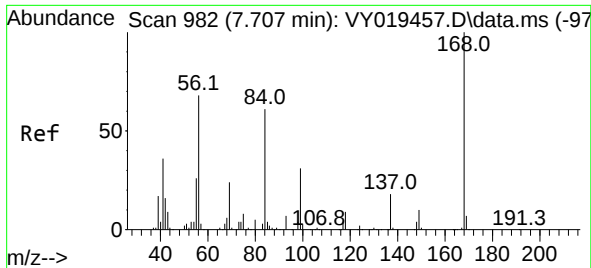
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019485.D
Acq On : 10 Sep 2024 14:14
Operator : SY/MD
Sample : P3906-09
Misc : 4.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 11 01:49:17 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

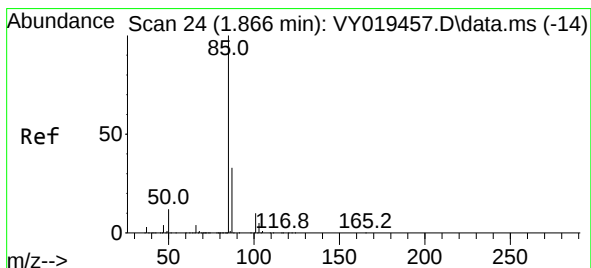
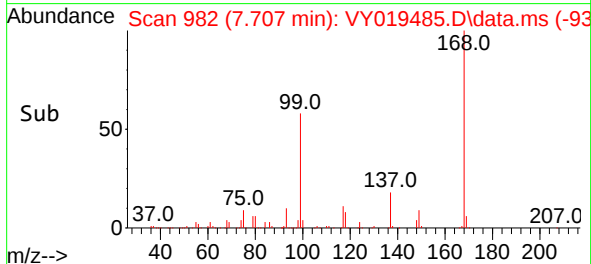
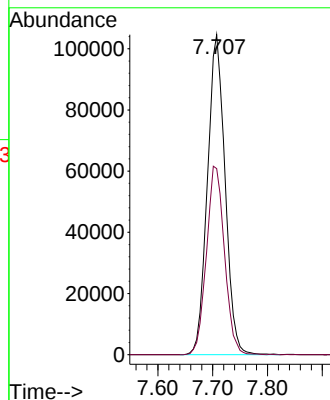
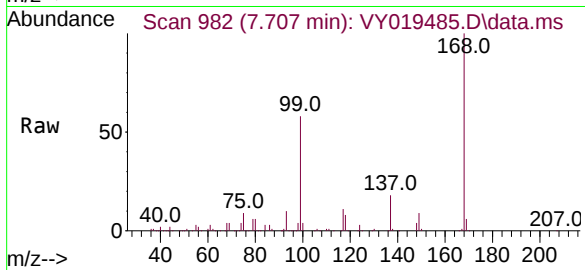




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

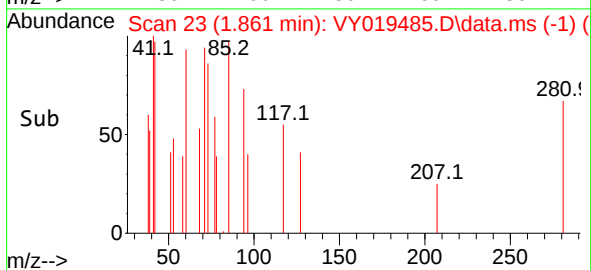
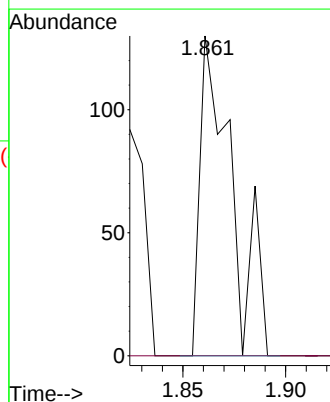
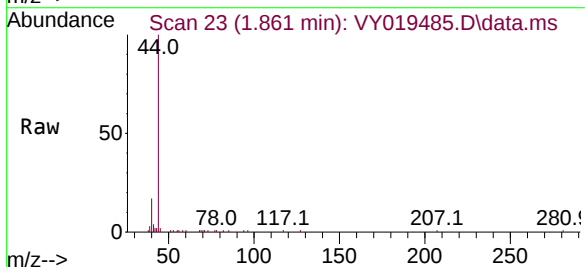
Instrument :
MSVOA_Y
ClientSampleId :

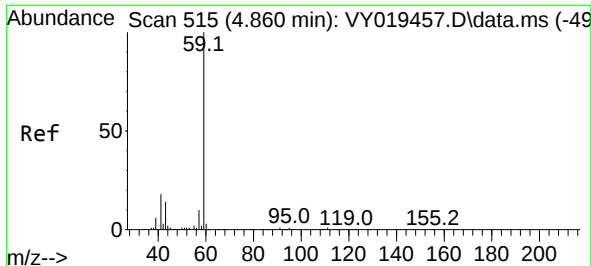
Tgt Ion:168 Resp: 232837
Ion Ratio Lower Upper
168 100
99 58.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

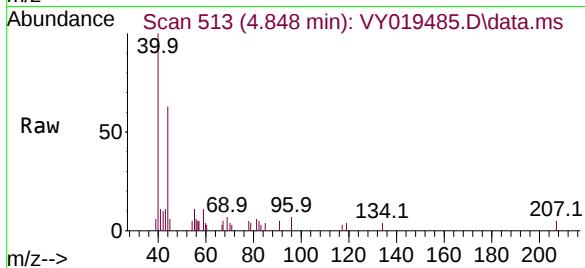
Tgt Ion: 85 Resp: 141
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



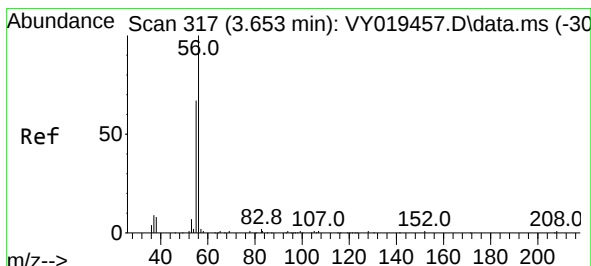
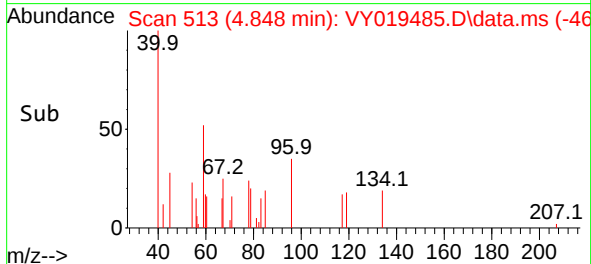
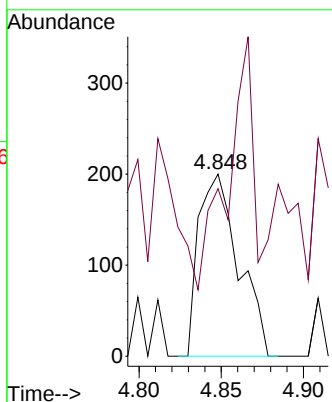


#11
Tert butyl alcohol
Concen: 1.947 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :

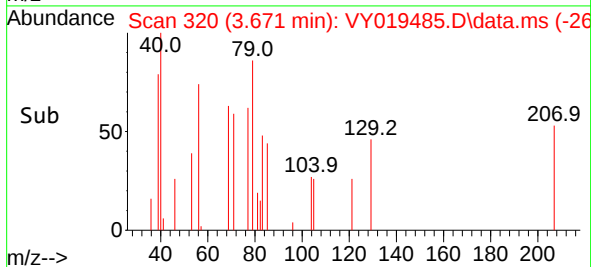
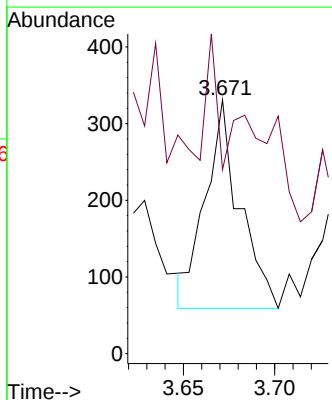
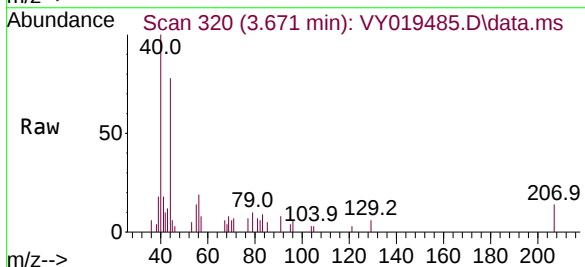


Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 91.2 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 320
Delta R.T. 0.018 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 56 Resp: 355
Ion Ratio Lower Upper
56 100
55 15.2 55.7 83.5#

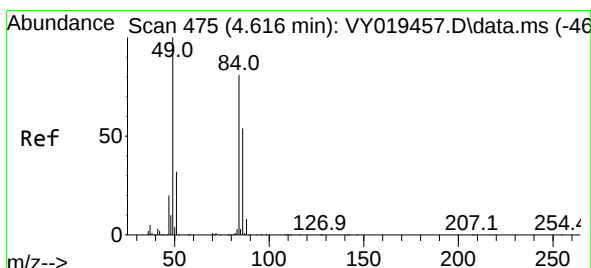
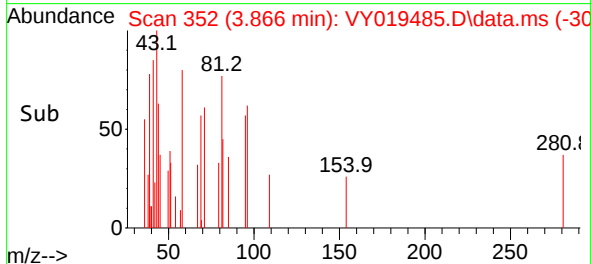
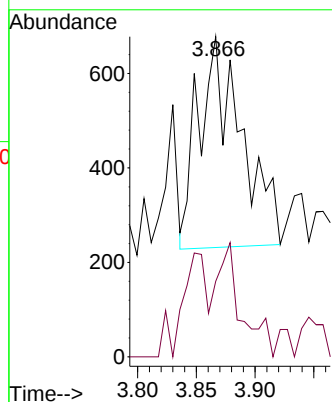
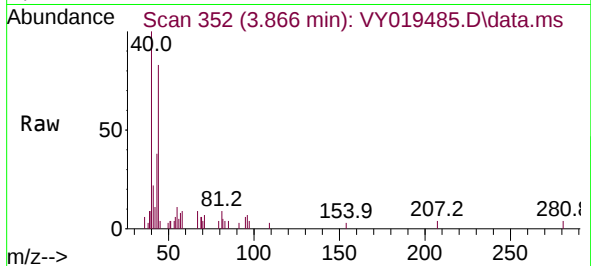




#16
Acetone
Concen: 2.204 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

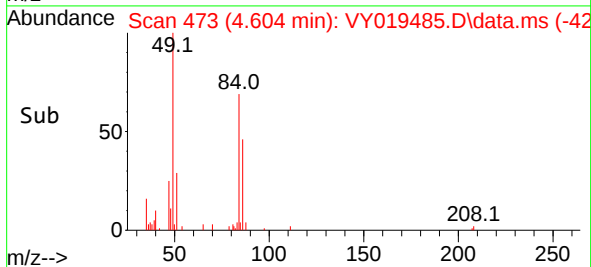
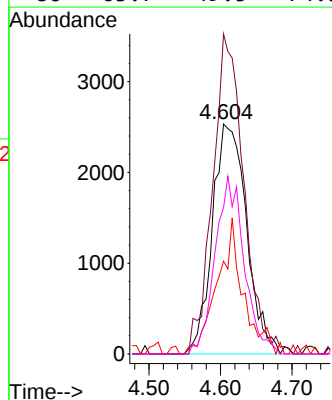
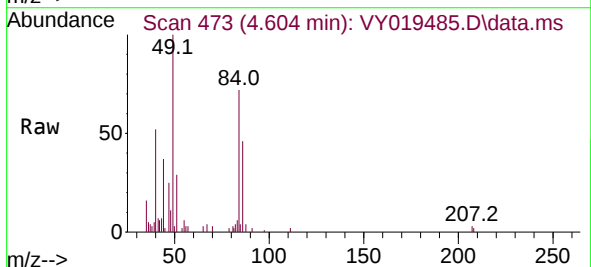
Instrument :
MSVOA_Y
ClientSampleId :

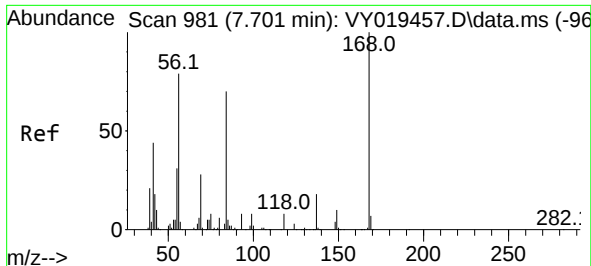
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 23.2 31.7 47.5#



#20
Methylene Chloride
Concen: 3.590 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 84 Resp: 8410
Ion Ratio Lower Upper
84 100
49 139.2 84.4 126.6#
51 40.3 26.0 39.0#
86 63.7 49.5 74.3

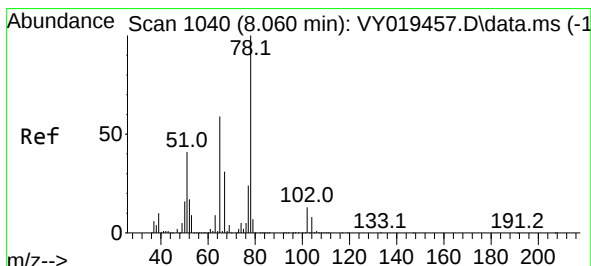
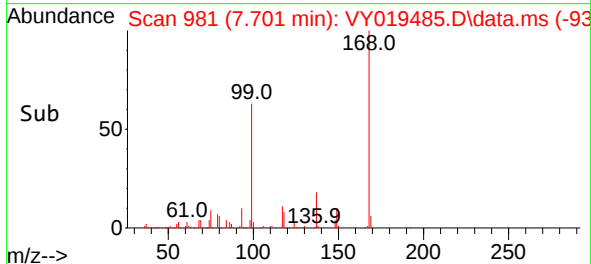
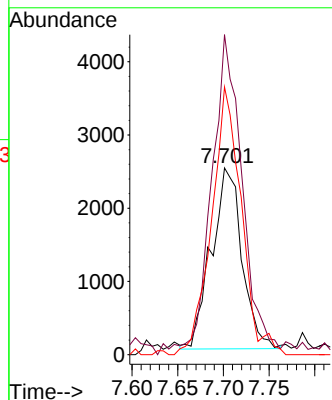
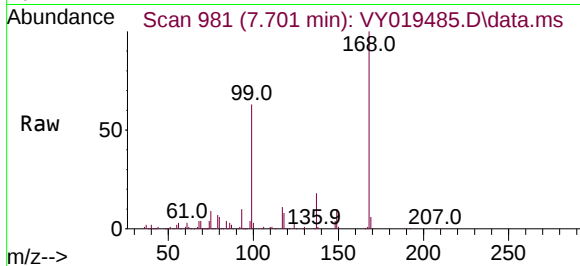




#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

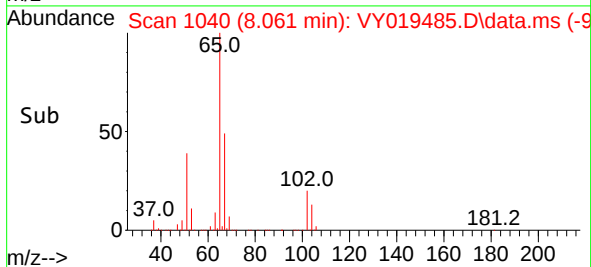
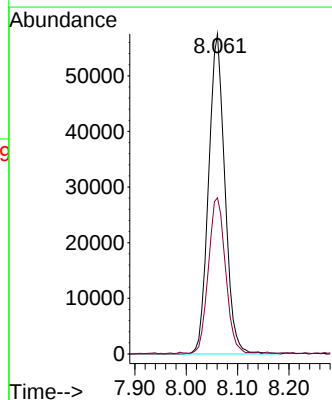
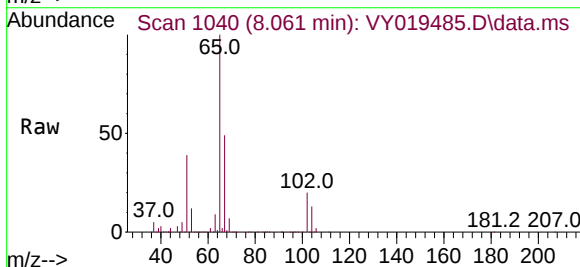
Instrument :
MSVOA_Y
ClientSampleId :

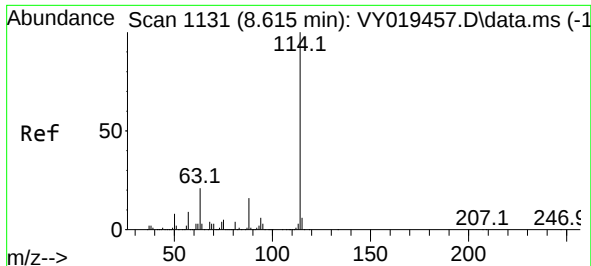
Tgt Ion: 56 Resp: 5766
Ion Ratio Lower Upper
56 100
69 177.1 28.7 43.1#
84 147.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.596 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 65 Resp: 126335
Ion Ratio Lower Upper
65 100
67 50.9 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

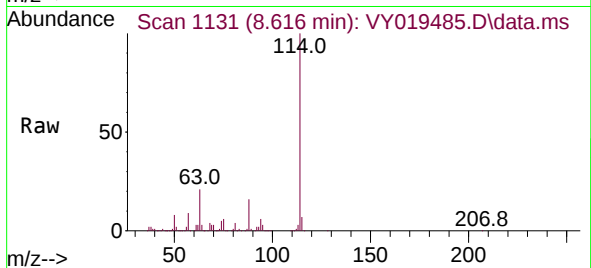
Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :



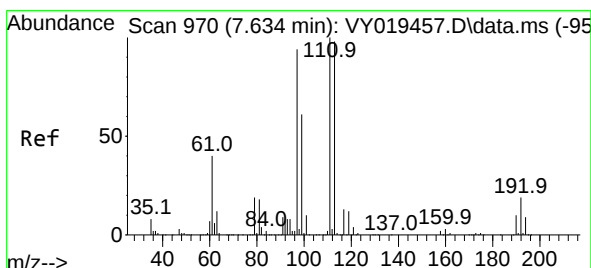
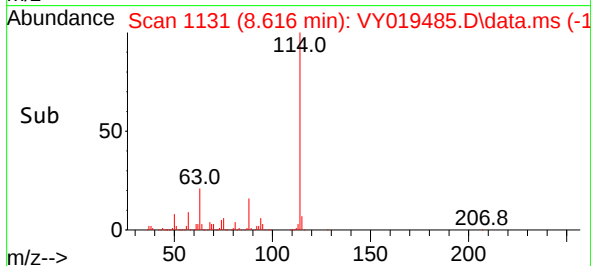
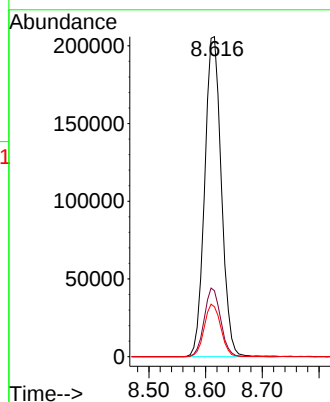
Tgt Ion:114 Resp: 419388

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.630 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

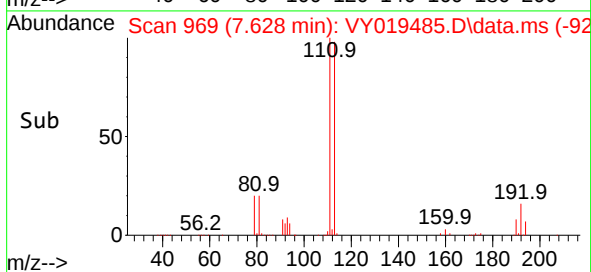
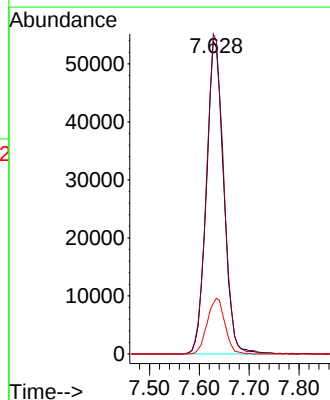
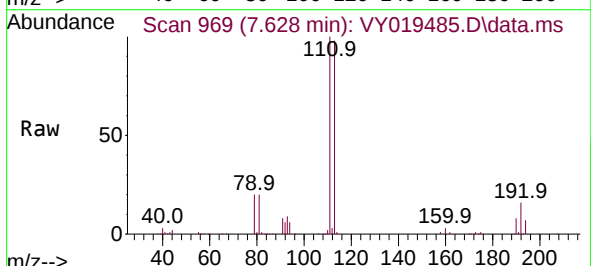
Tgt Ion:113 Resp: 129901

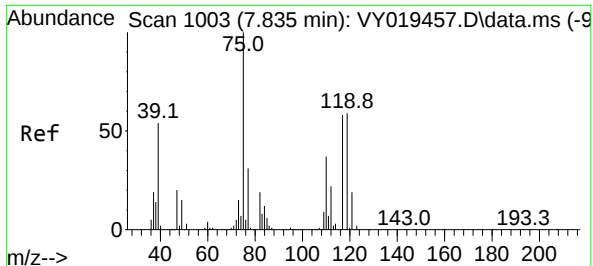
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 18.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.410 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

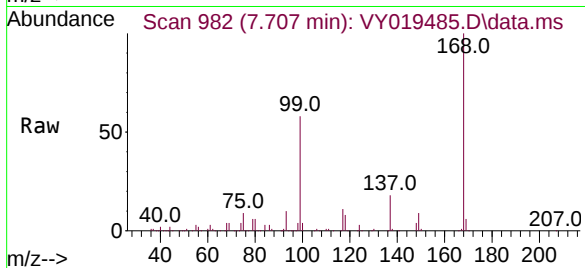
Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

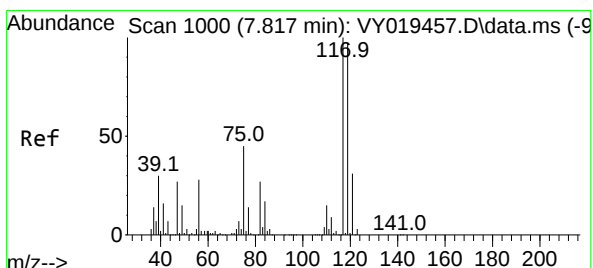
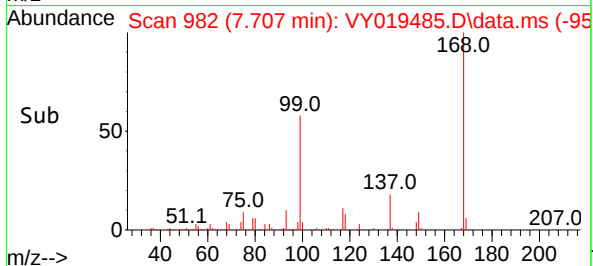
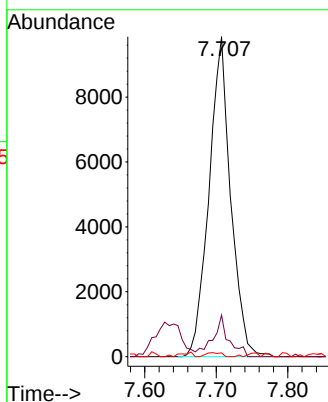
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 20741
Ion Ratio	Lower Upper
75	100
110	9.4 19.0 57.0#
77	0.9 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.953 ug/l

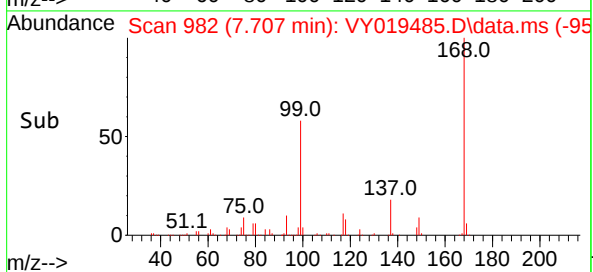
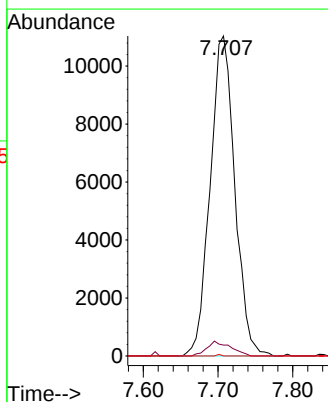
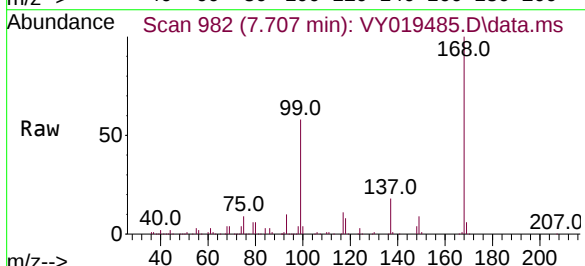
RT: 7.707 min Scan# 982

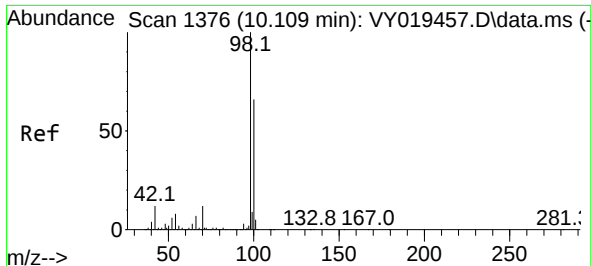
Delta R.T. -0.109 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Tgt Ion: 117	Resp: 25369
Ion Ratio	Lower Upper
117	100
119	3.4 75.8 113.6#
121	0.0 24.0 36.0#

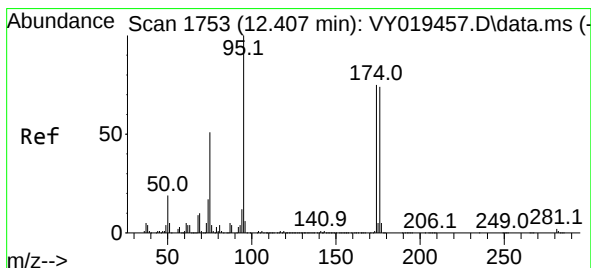
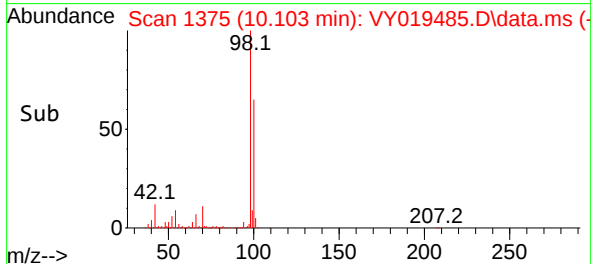
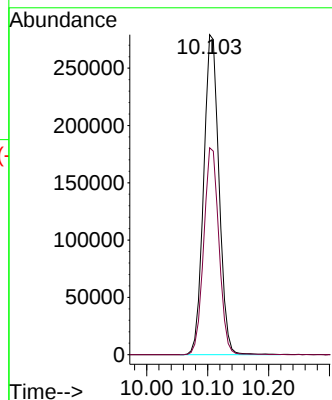
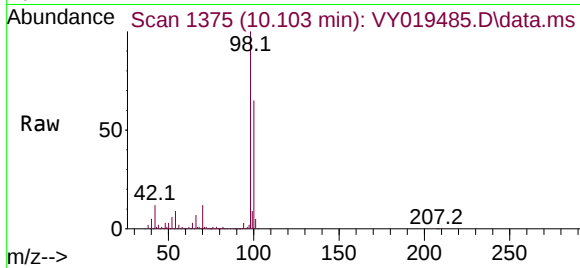




#50
Toluene-d8
Concen: 55.556 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

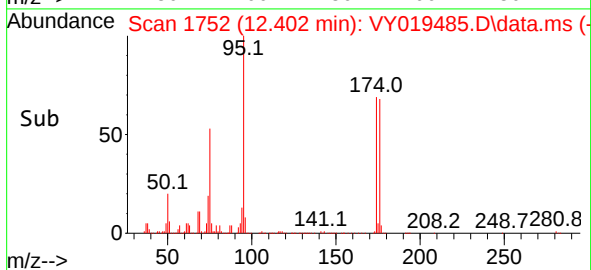
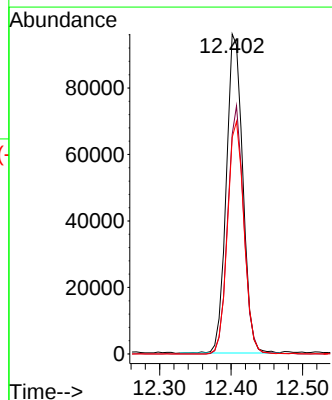
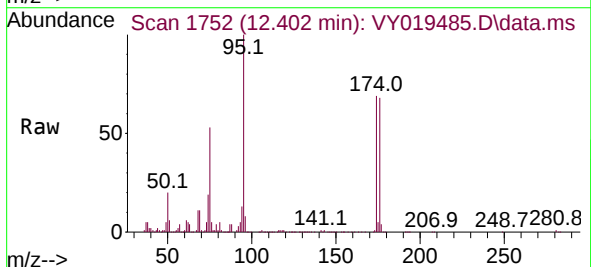
Instrument :
MSVOA_Y
ClientSampleId :

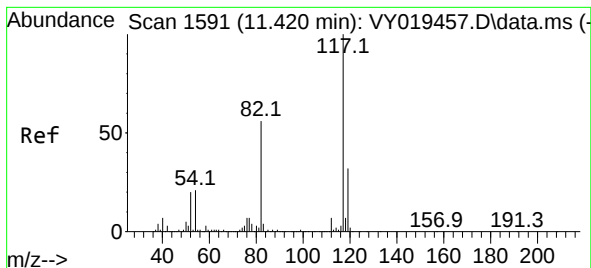
Tgt Ion: 98 Resp: 488621
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.426 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 95 Resp: 153621
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 73.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

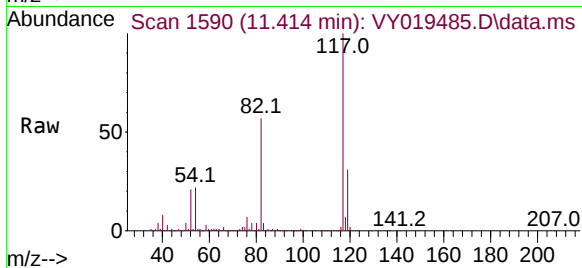
Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :



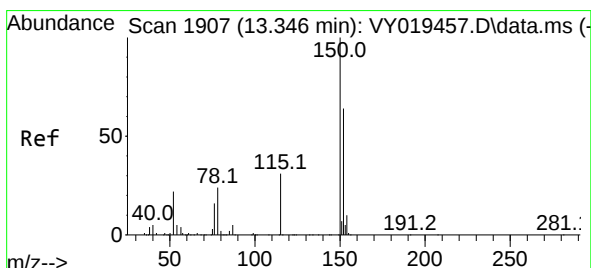
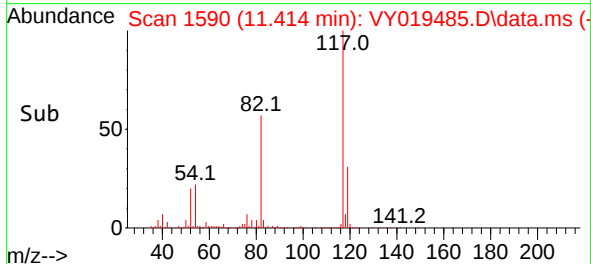
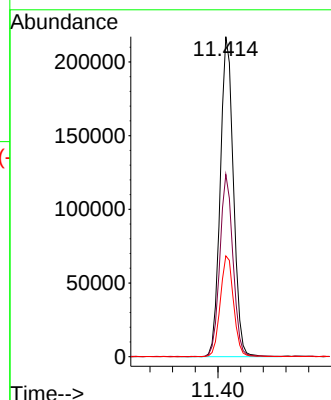
Tgt Ion:117 Resp: 350512

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 31.4 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: VY019485.D

Acq: 10 Sep 2024 14:14

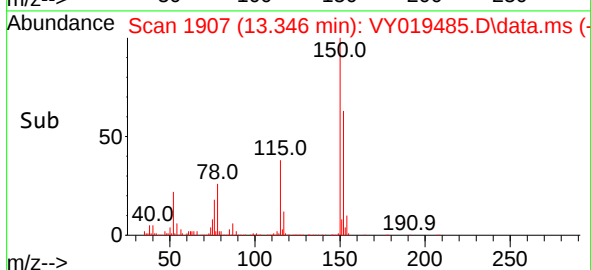
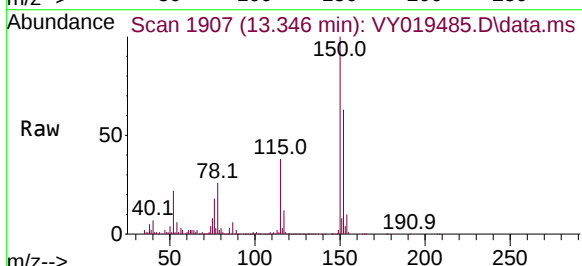
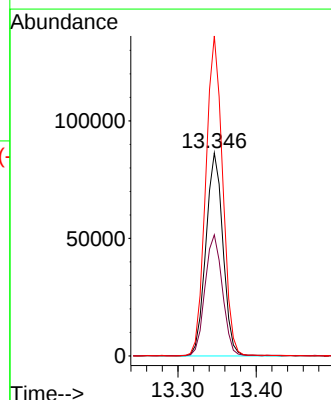
Tgt Ion:152 Resp: 130711

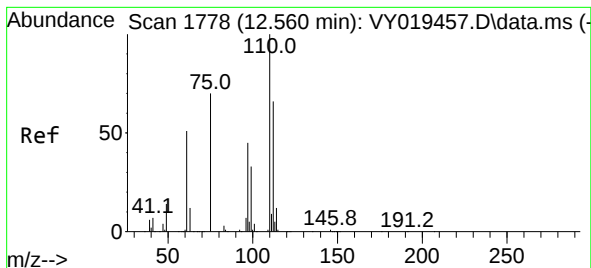
Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 156.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.391 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Instrument :

MSVOA_Y

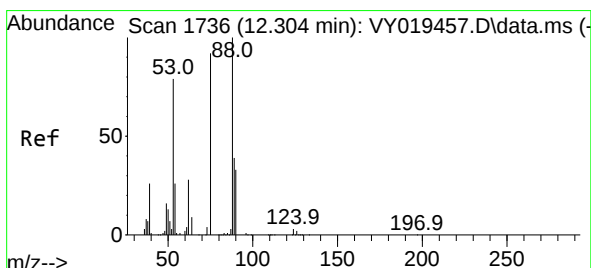
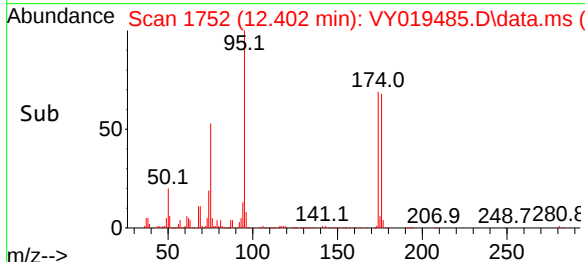
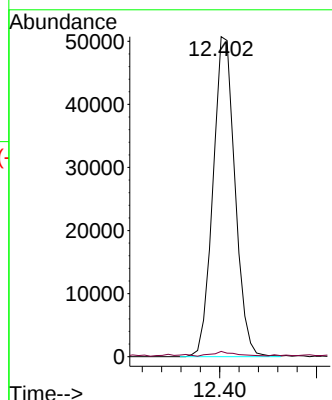
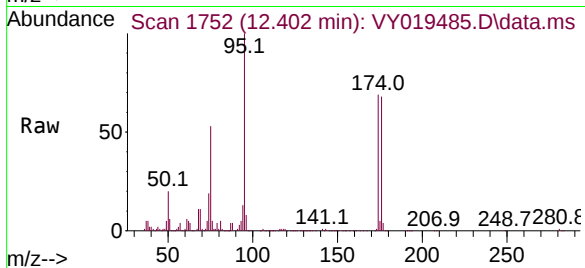
ClientSampleId :

Tgt Ion: 75 Resp: 80113

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.531 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Tgt Ion: 75 Resp: 80113

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

