

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019340.D
 Acq On : 28 Aug 2024 19:23
 Operator : SY/MD
 Sample : P3732-02
 Misc : 8.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:38:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

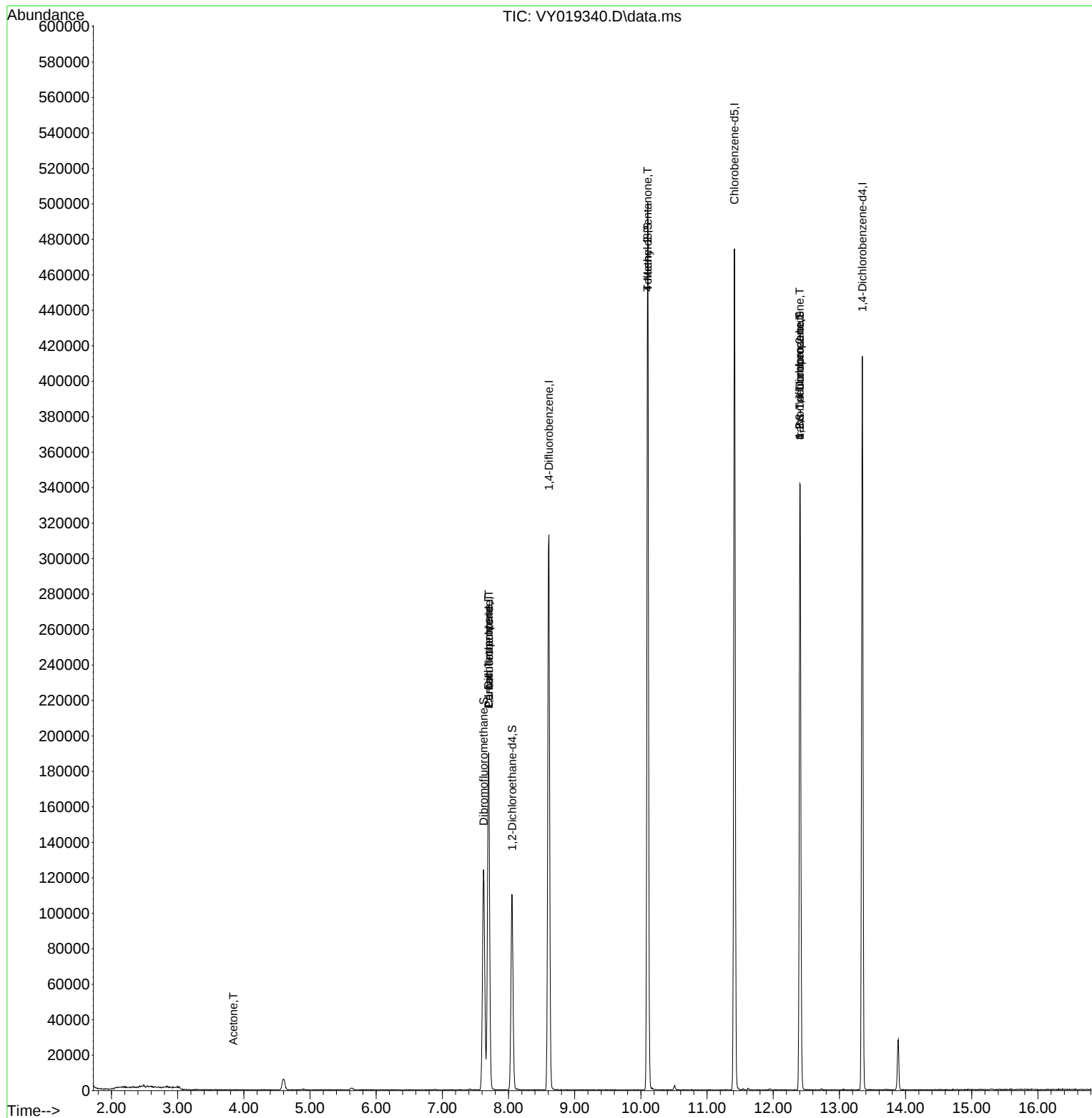
Internal Standards						
1) Pentafluorobenzene	7.701	168	149778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	269219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	87864	58.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.040%	
35) Dibromofluoromethane	7.622	113	88570	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.103	98	307746	48.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	12.401	95	100049	46.329	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	152	Below Cal	#	52
6) Chloroethane	2.726	64	30	Below Cal	#	42
11) Tert butyl alcohol	4.817	59	50	Below Cal	#	88
16) Acetone	3.842	43	282	1.013	ug/l #	36
20) Methylene Chloride	4.598	84	4763	Below Cal	#	95
31) Cyclohexane	7.683	56	1758	Below Cal	#	65
36) 1,1-Dichloropropene	7.695	75	10382	4.295	ug/l #	49
38) Carbon Tetrachloride	7.701	117	15219	5.433	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	1537	1.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	55882	56.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	55882	138.491	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
Data File : VY019340.D
Acq On : 28 Aug 2024 19:23
Operator : SY/MD
Sample : P3732-02
Misc : 8.37g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 29 01:38:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

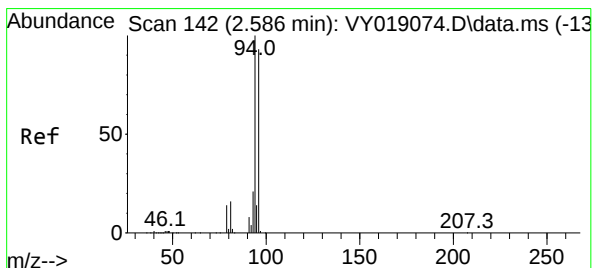
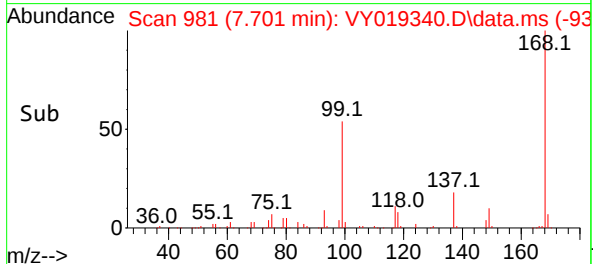
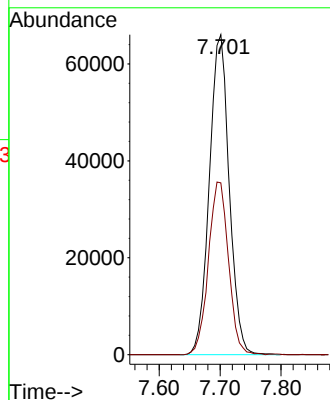
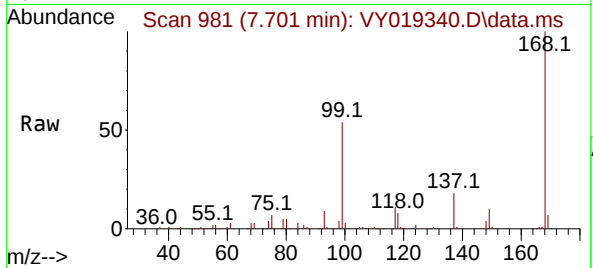




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

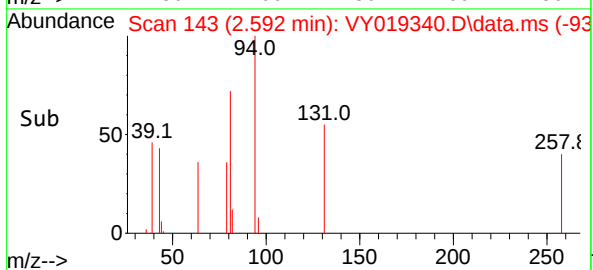
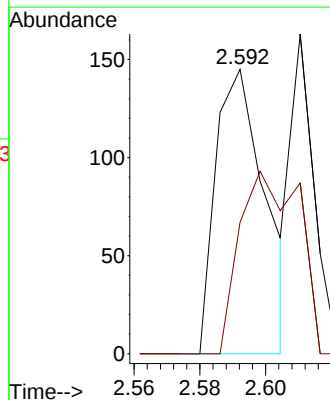
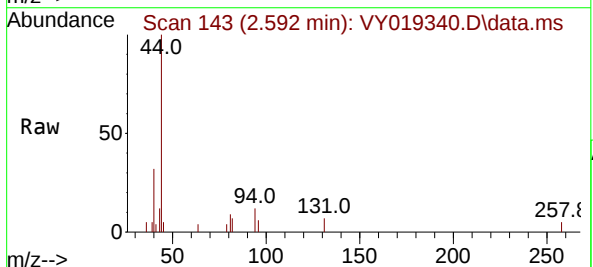
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 149778
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 46.2 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.817 min Scan# 50

Delta R.T. -0.025 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

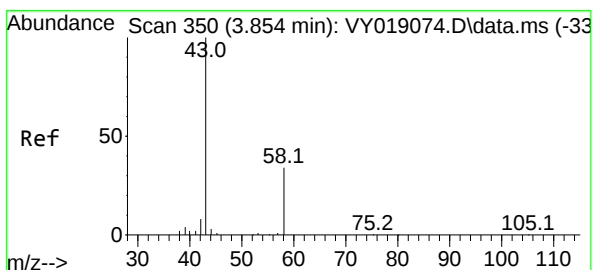
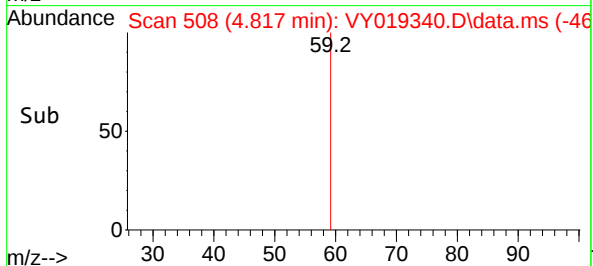
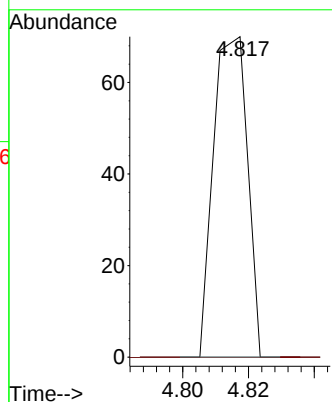
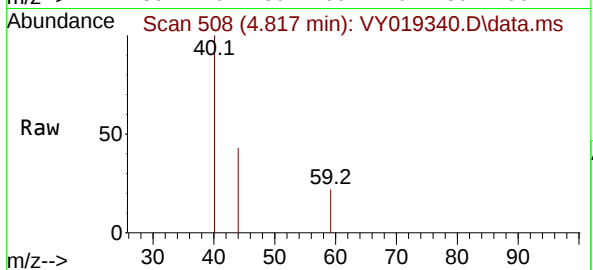
ClientSampleId :

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.013 ug/l

RT: 3.842 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY019340.D

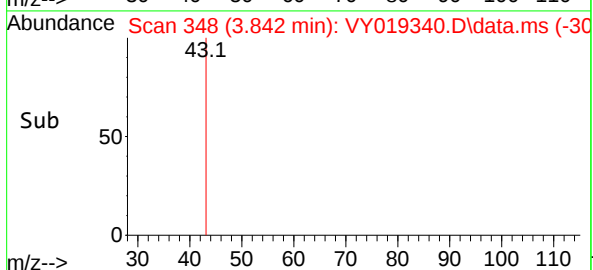
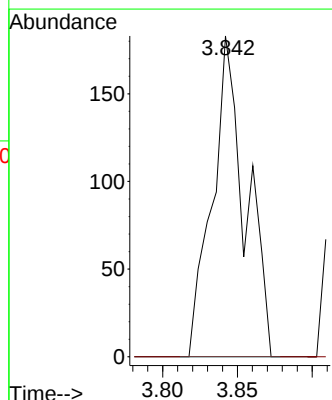
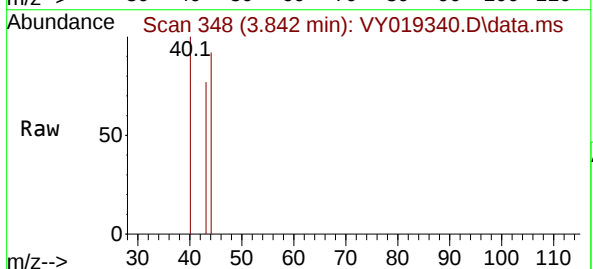
Acq: 28 Aug 2024 19:23

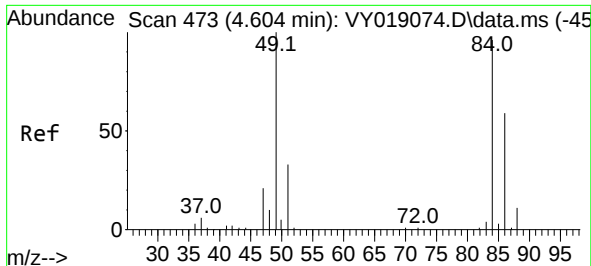
Tgt Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

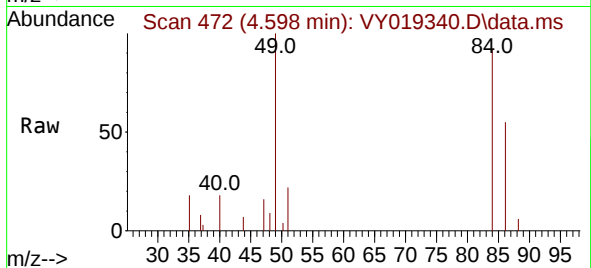
Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4763

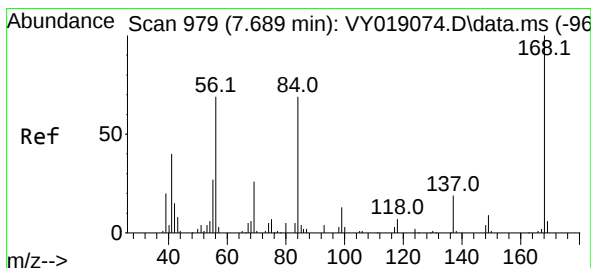
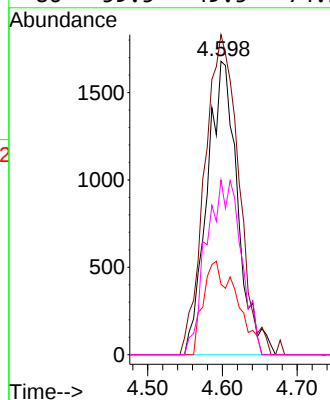
Ion Ratio Lower Upper

84 100

49 109.1 84.4 126.6

51 24.0 26.0 39.0#

86 59.5 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.683 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

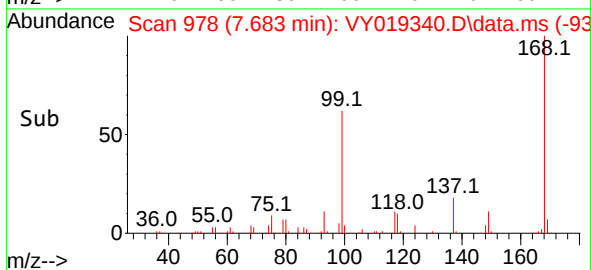
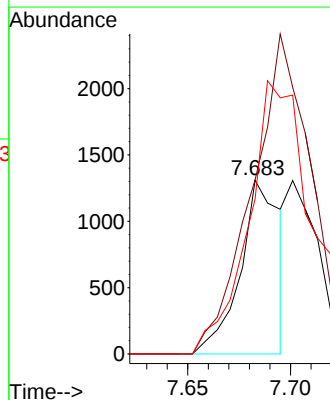
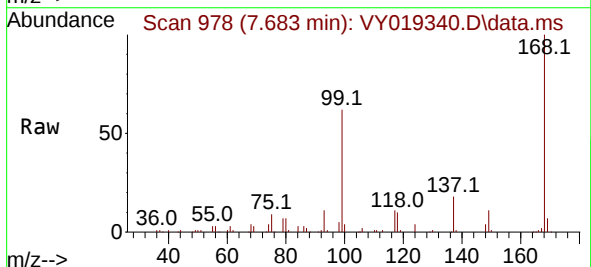
Tgt Ion: 56 Resp: 1758

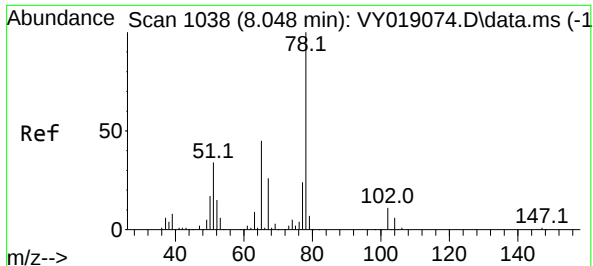
Ion Ratio Lower Upper

56 100

69 100.2 28.7 43.1#

84 89.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.521 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

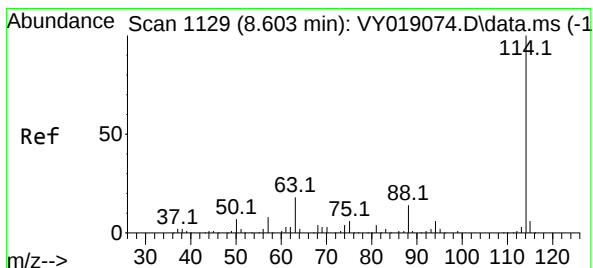
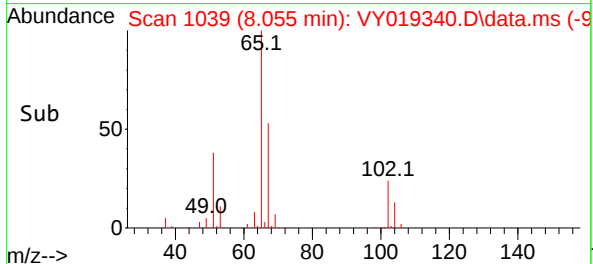
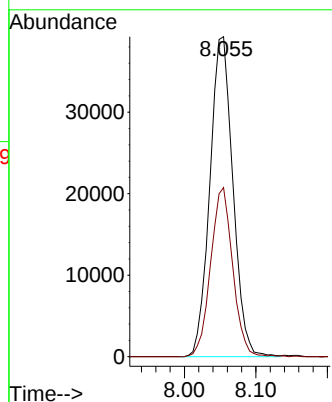
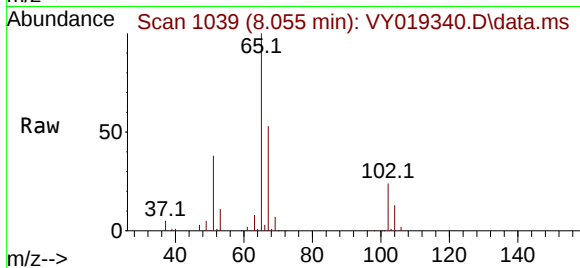
ClientSampleId :

Tgt Ion: 65 Resp: 87864

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

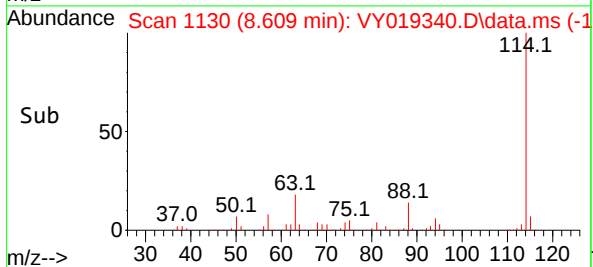
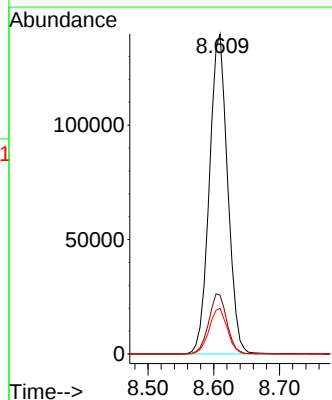
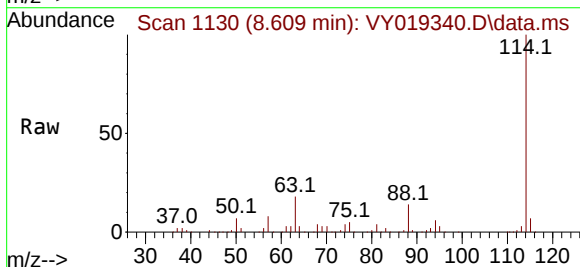
Tgt Ion: 114 Resp: 269219

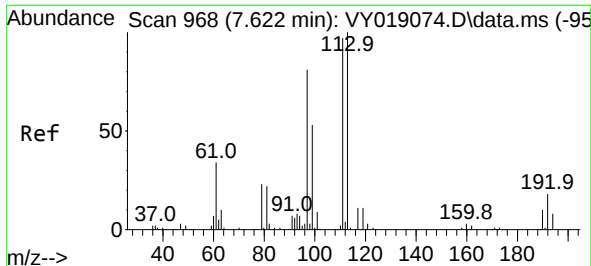
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.2 0.0 27.2

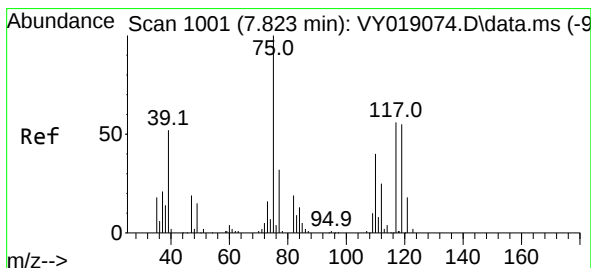
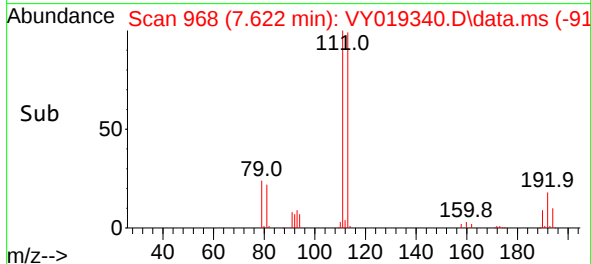
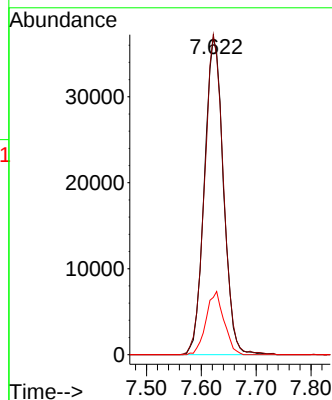
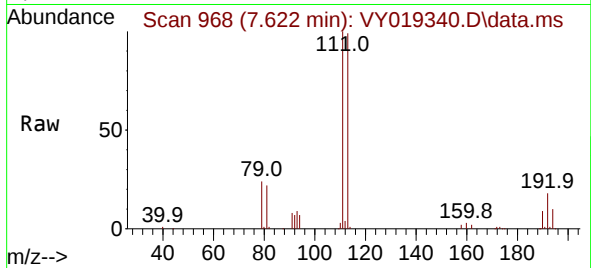




#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

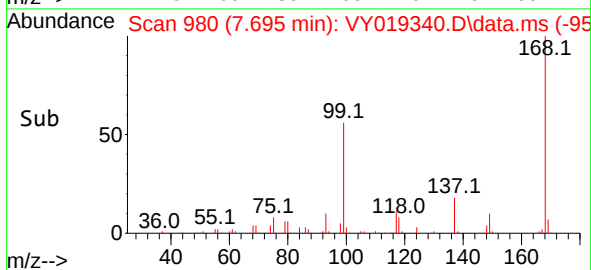
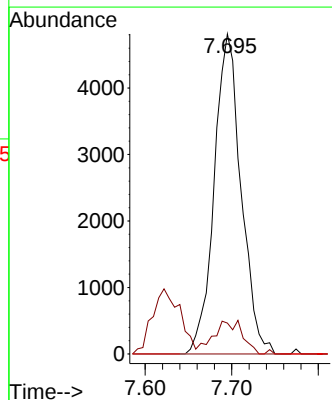
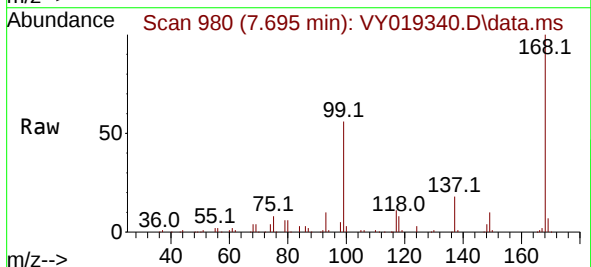
Instrument :
MSVOA_Y
ClientSampleId :

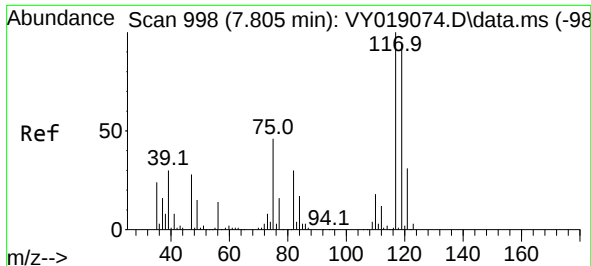
Tgt Ion:113 Resp: 88570
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.295 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

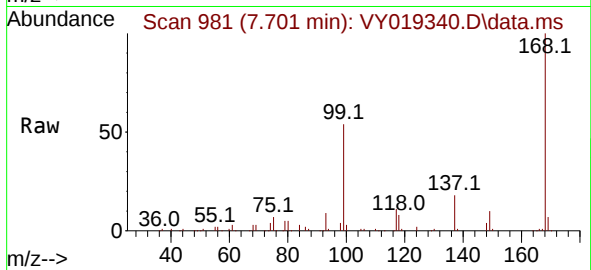
Tgt Ion: 75 Resp: 10382
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#



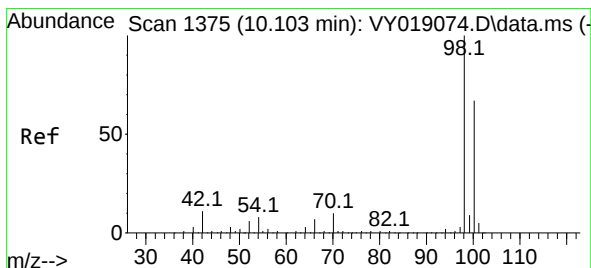
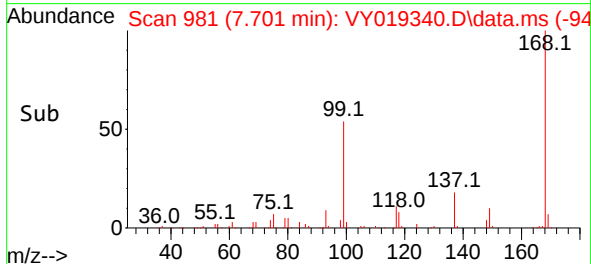
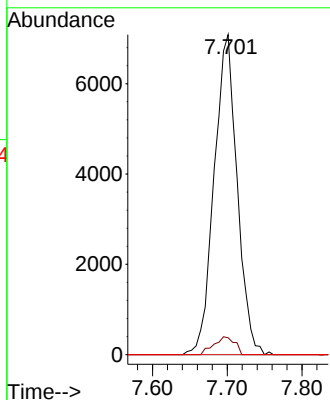


#38
Carbon Tetrachloride
Concen: 5.433 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

Instrument :
MSVOA_Y
ClientSampleId :

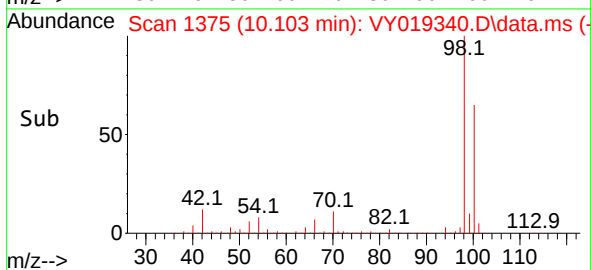
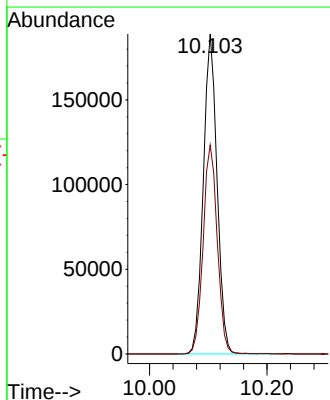
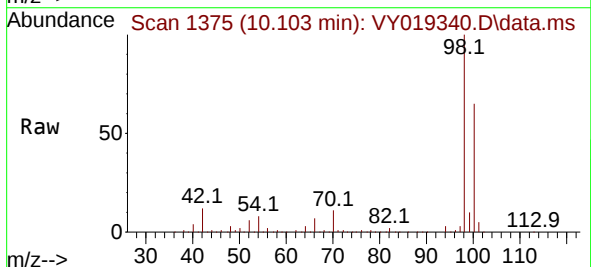


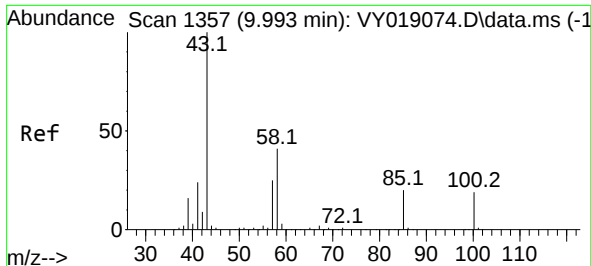
Tgt Ion:117 Resp: 15219
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.580 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

Tgt Ion: 98 Resp: 307746
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

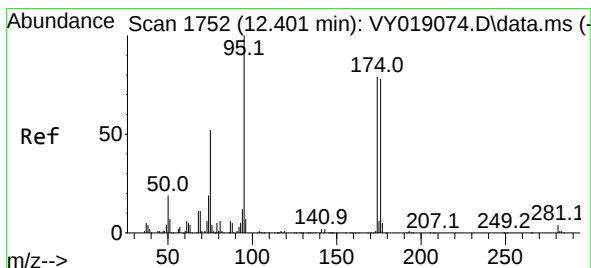
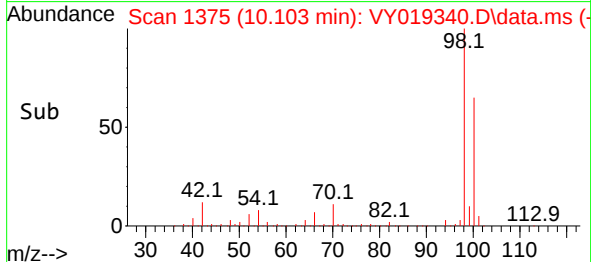
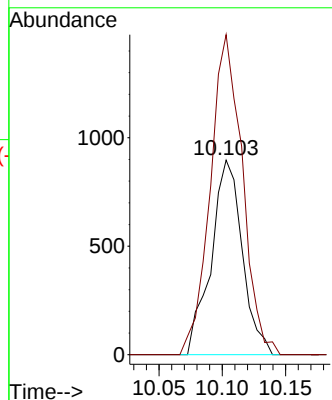
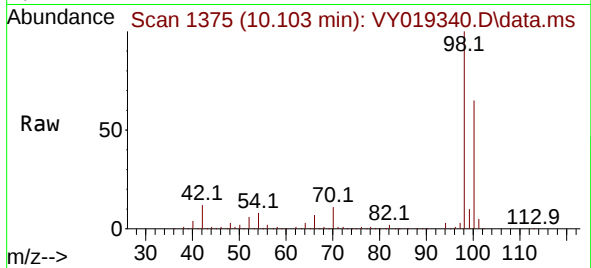




#51
4-Methyl-2-Pentanone
Concen: 1.337 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

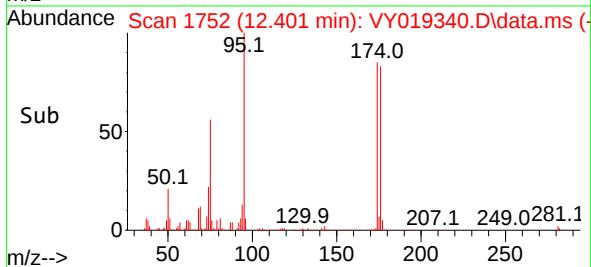
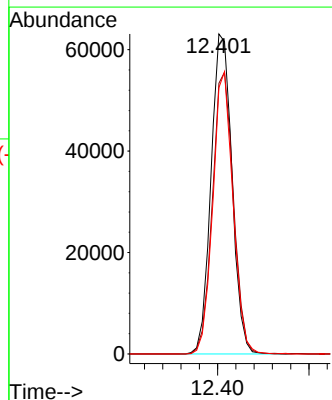
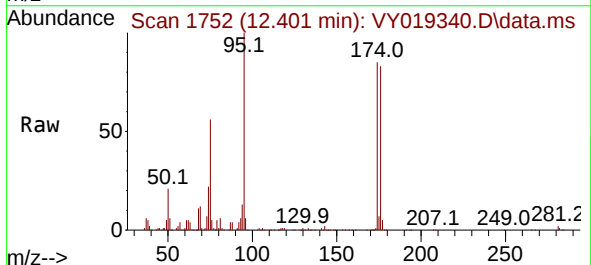
Instrument :
MSVOA_Y
ClientSampleId :

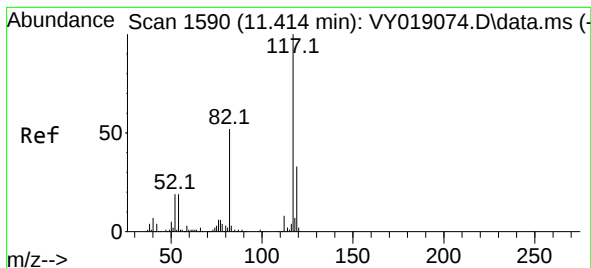
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 169.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 46.329 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019340.D
Acq: 28 Aug 2024 19:23

Tgt Ion: 95 Resp: 100049
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.6
176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

ClientSampleId :

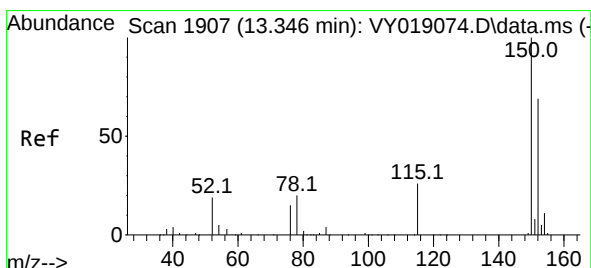
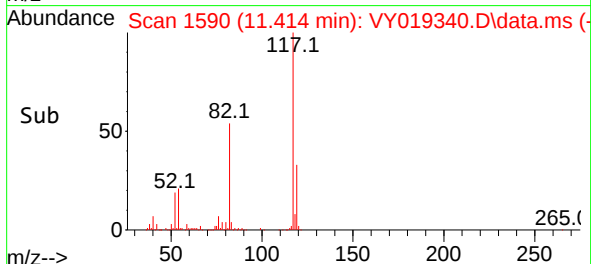
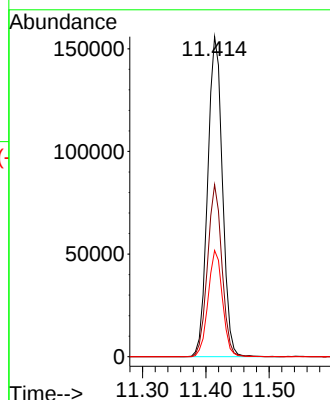
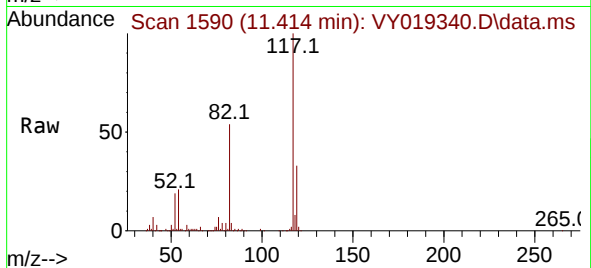
Tgt Ion:117 Resp: 252589

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 33.2 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: VY019340.D

Acq: 28 Aug 2024 19:23

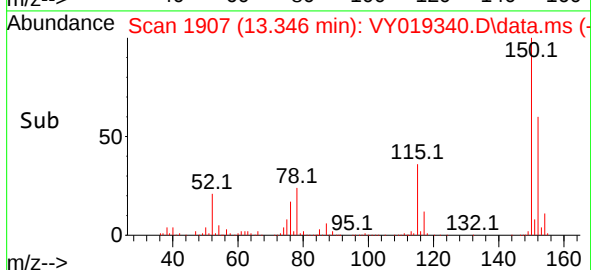
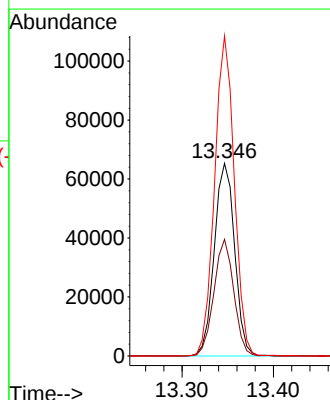
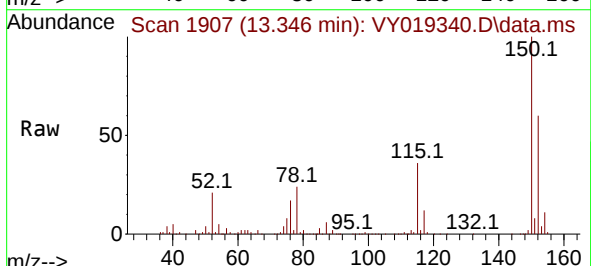
Tgt Ion:152 Resp: 101049

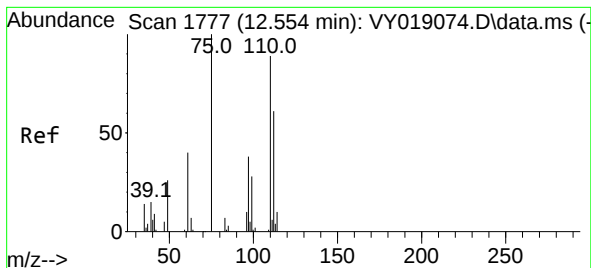
Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 160.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 56.077 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Instrument :

MSVOA_Y

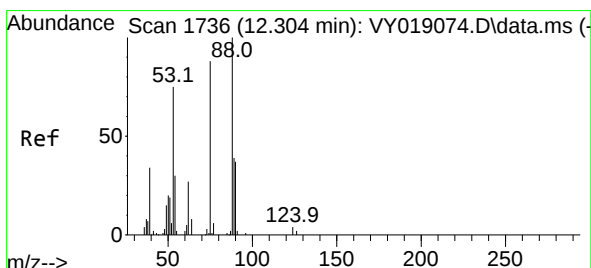
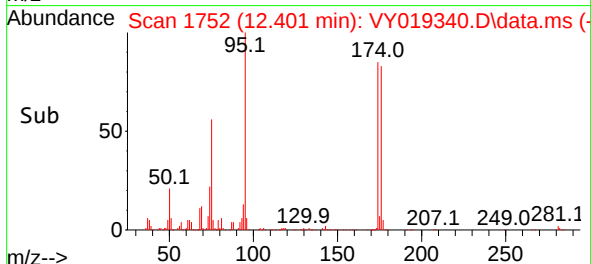
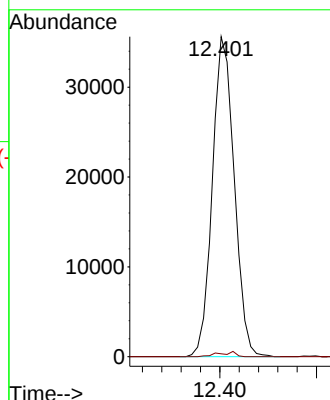
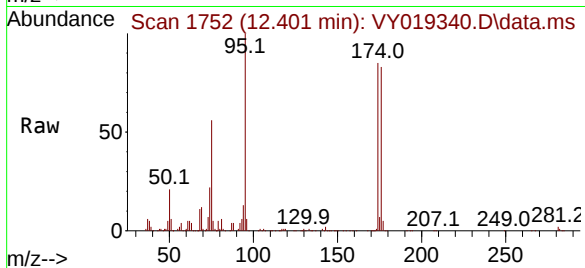
ClientSampleId :

Tgt Ion: 75 Resp: 55882

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.491 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019340.D

Acq: 28 Aug 2024 19:23

Tgt Ion: 75 Resp: 55882

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

