

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019618.D
 Acq On : 18 Sep 2024 20:02
 Operator : SY/MD
 Sample : P4088-15
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:28:24 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

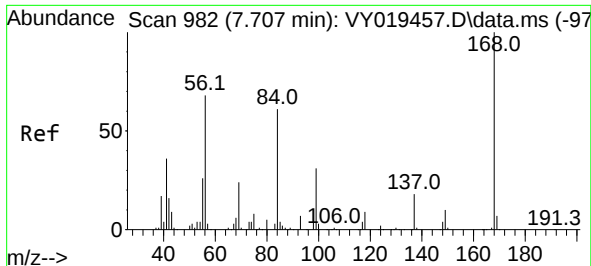
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	304405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	588356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	519151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	189932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187039	66.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.720%	
35) Dibromofluoromethane	7.634	113	186876	56.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.109	98	702687	56.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.900%	
62) 4-Bromofluorobenzene	12.408	95	220754	46.530	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	257	Below Cal	#	43
11) Tert butyl alcohol	4.860	59	236	1.037	ug/l #	88
13) Acrolein	3.647	56	258	Below Cal	#	62
16) Acetone	3.873	43	56282	83.813	ug/l	88
20) Methylene Chloride	4.610	84	10621	3.468	ug/l	97
25) 2-Butanone	6.896	43	22242	23.288	ug/l	91
31) Cyclohexane	7.707	56	7943	1.575	ug/l #	23
36) 1,1-Dichloropropene	7.707	75	26886	5.923	ug/l #	48
37) Ethyl Acetate	6.896	43	22242	9.563	ug/l #	75
38) Carbon Tetrachloride	7.707	117	33017	6.450	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	120425	67.646	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	120425	129.861	ug/l #	16

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

Quant Time: Sep 19 01:28:24 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

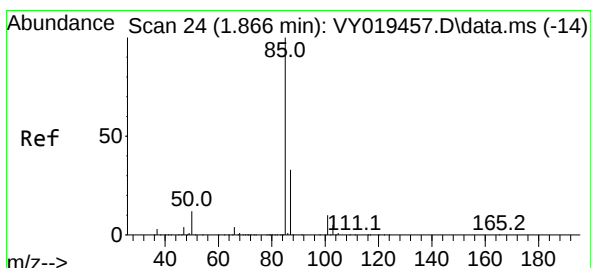
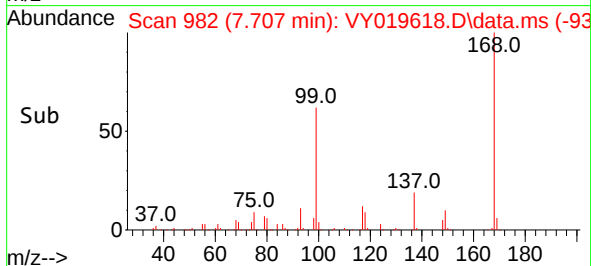
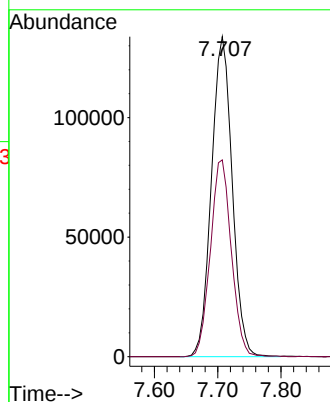
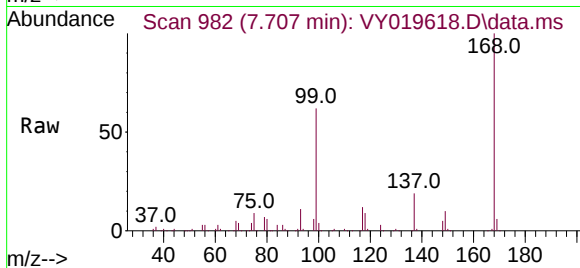




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

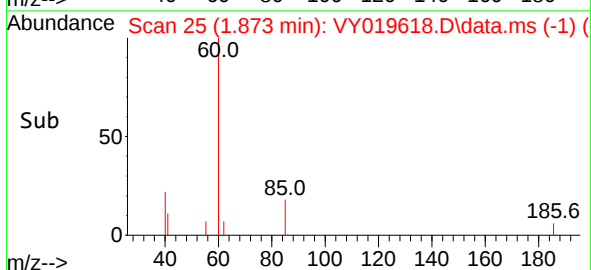
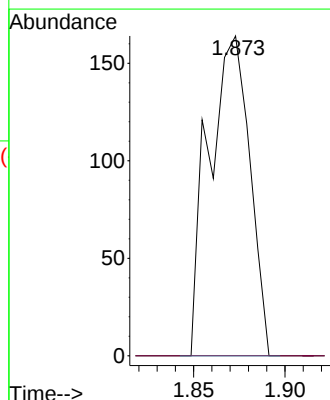
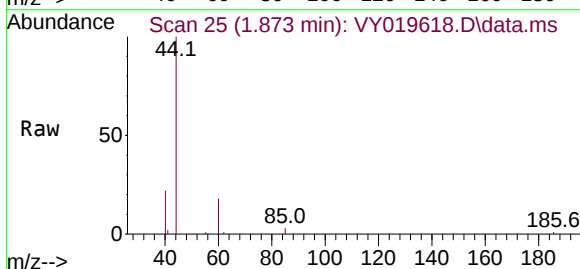
Instrument :
MSVOA_Y
ClientSampleId :

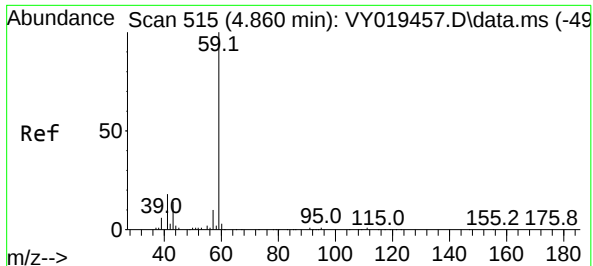
Tgt Ion:168 Resp: 304405
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 85 Resp: 257
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.037 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

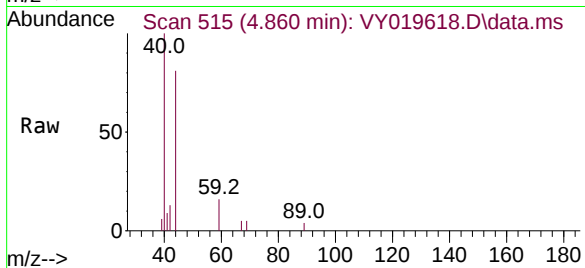
Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

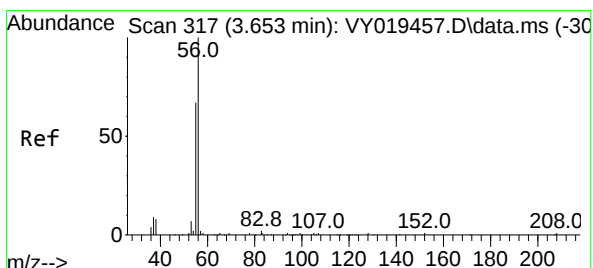
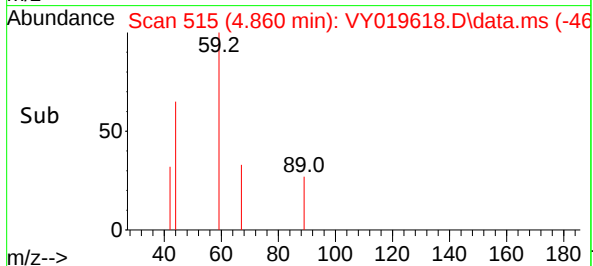
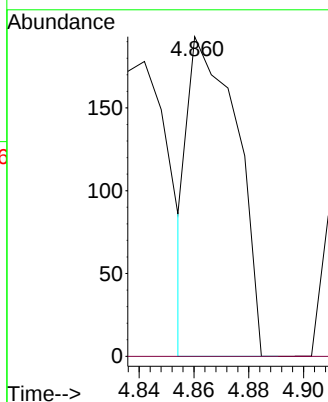


Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019618.D

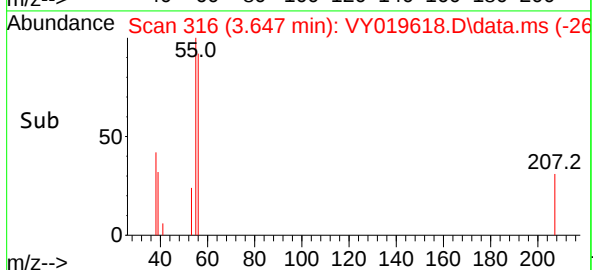
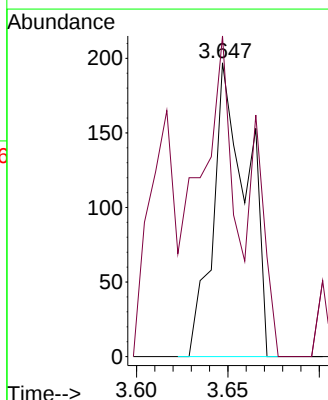
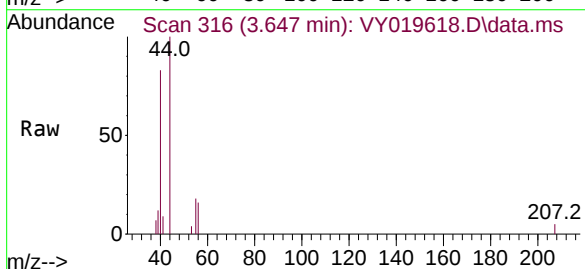
Acq: 18 Sep 2024 20:02

Tgt Ion: 56 Resp: 258

Ion Ratio Lower Upper

56 100

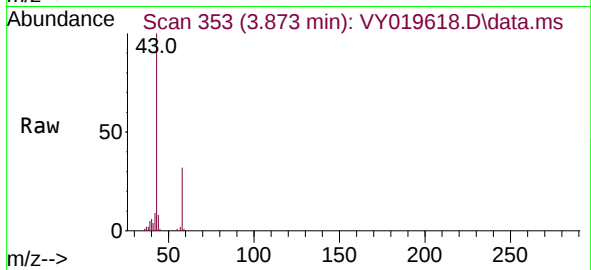
55 38.8 55.7 83.5#



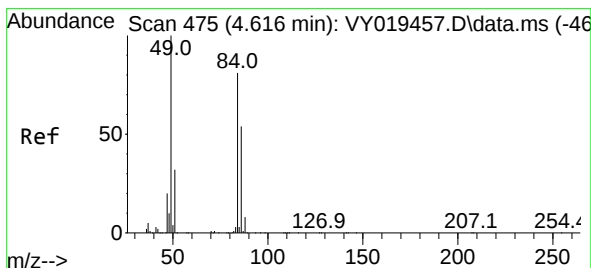
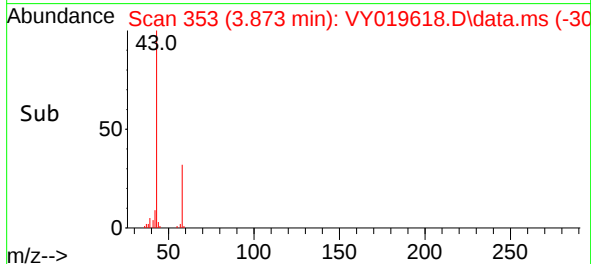
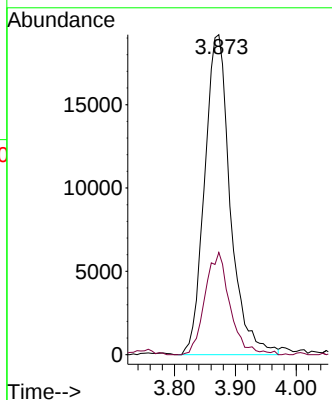


#16
Acetone
Concen: 83.813 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Instrument :
MSVOA_Y
ClientSampleId :

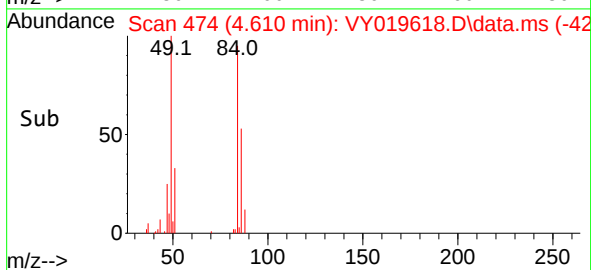
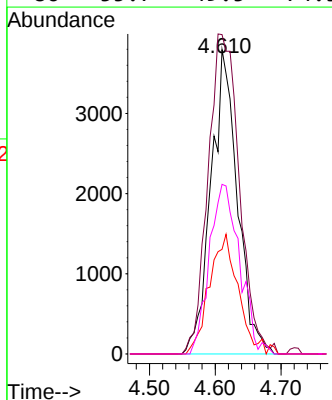
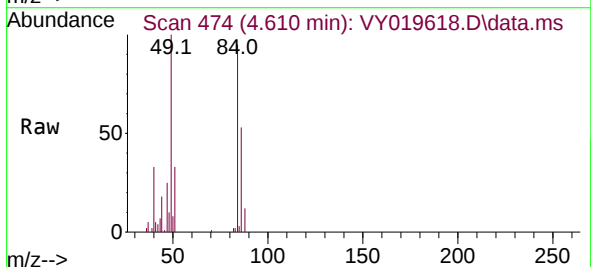


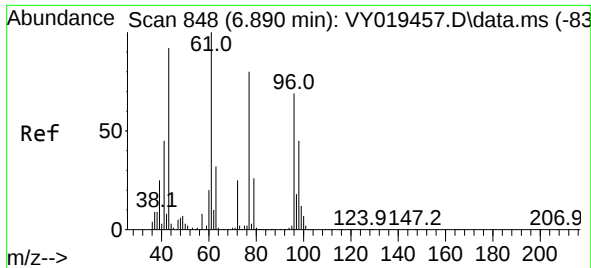
Tgt Ion: 43 Resp: 56282
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5



#20
Methylene Chloride
Concen: 3.468 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

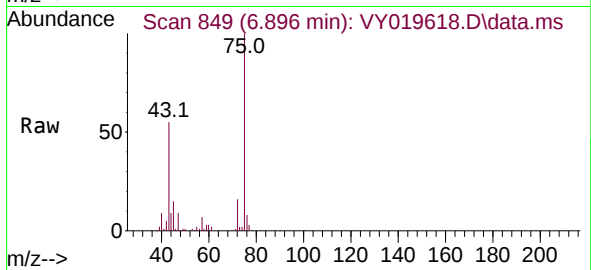
Tgt Ion: 84 Resp: 10621
Ion Ratio Lower Upper
84 100
49 105.0 84.4 126.6
51 34.4 26.0 39.0
86 55.7 49.5 74.3



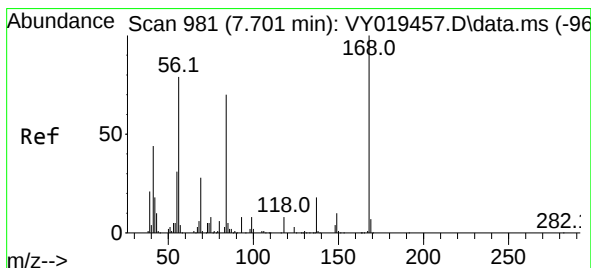
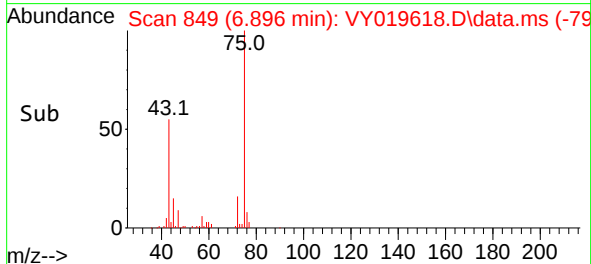
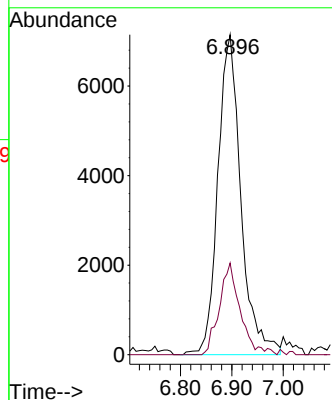


#25
2-Butanone
Concen: 23.288 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Instrument :
MSVOA_Y
ClientSampleId :

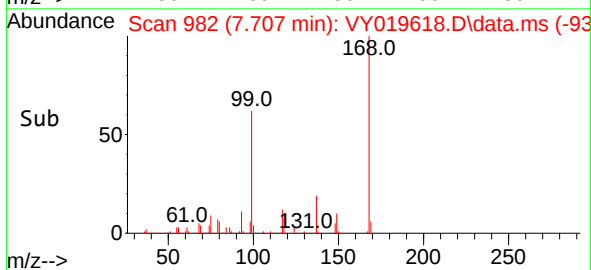
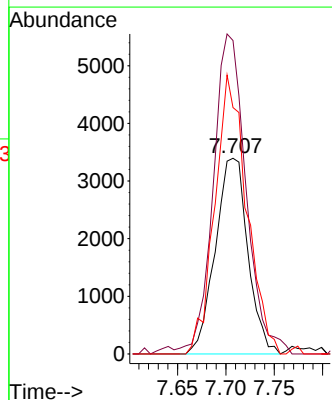
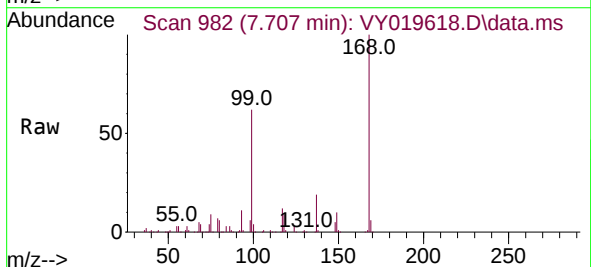


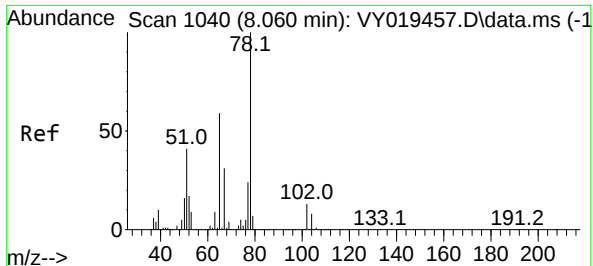
Tgt Ion: 43 Resp: 22242
Ion Ratio Lower Upper
43 100
72 28.7 27.3 40.9



#31
Cyclohexane
Concen: 1.575 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 56 Resp: 7943
Ion Ratio Lower Upper
56 100
69 157.3 28.7 43.1#
84 126.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.356 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Instrument :

MSVOA_Y

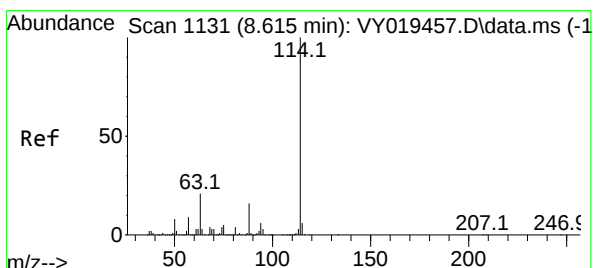
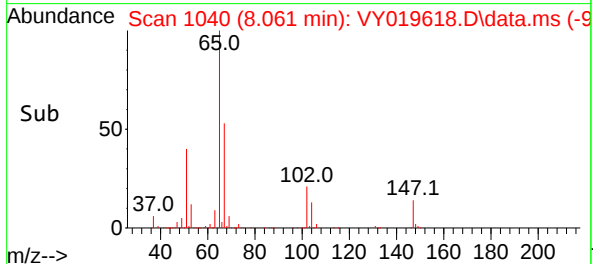
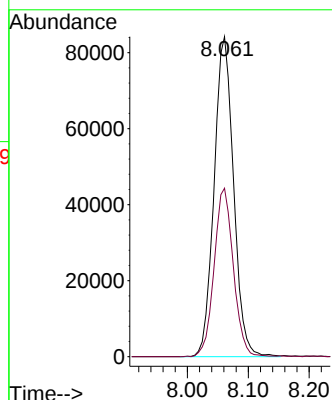
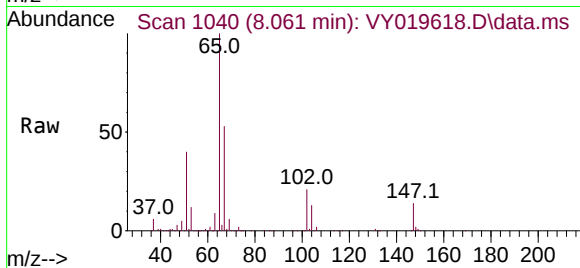
ClientSampleId :

Tgt Ion: 65 Resp: 187039

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019618.D

Acq: 18 Sep 2024 20:02

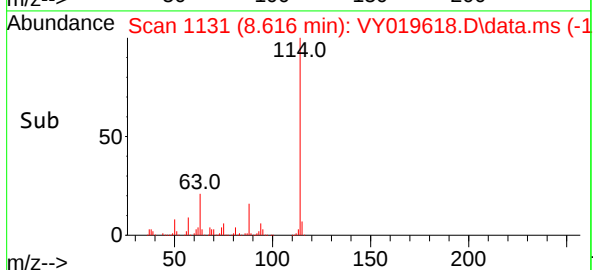
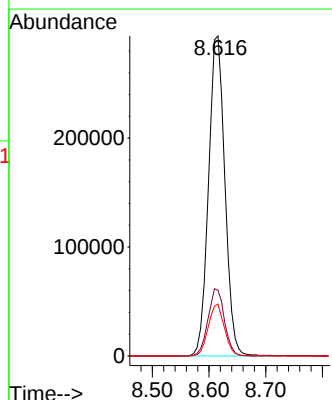
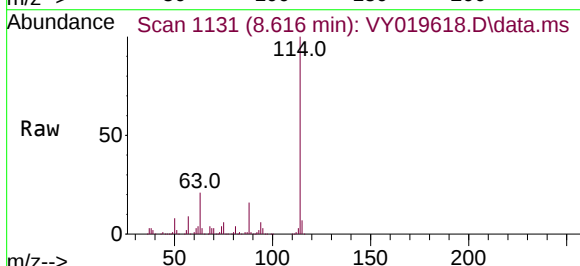
Tgt Ion: 114 Resp: 588356

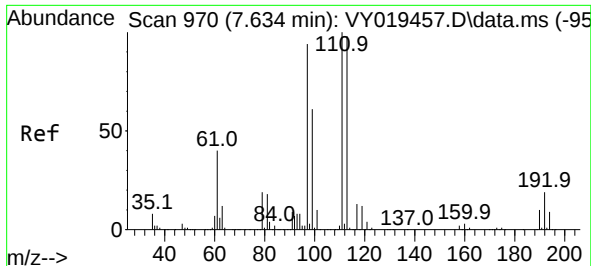
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

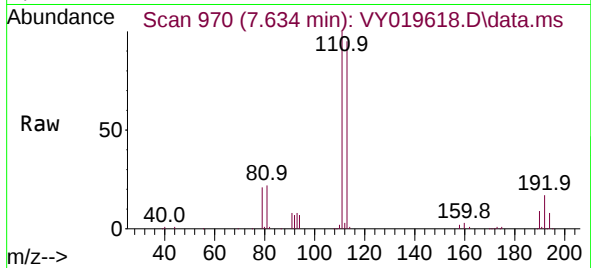
88 16.2 0.0 27.2



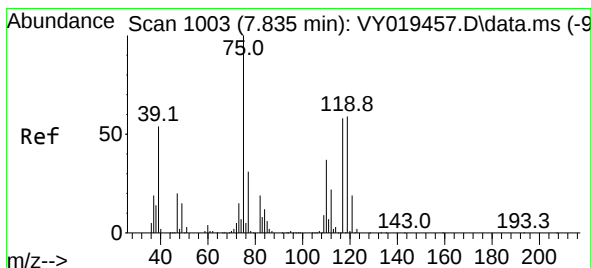
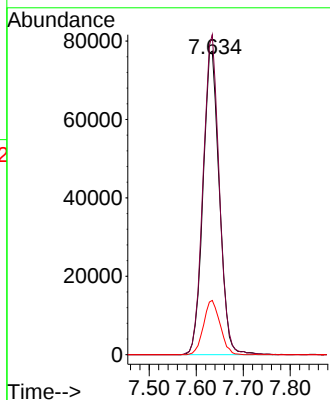
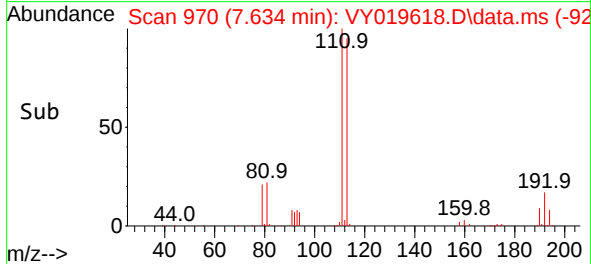


#35
Dibromofluoromethane
Concen: 56.020 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

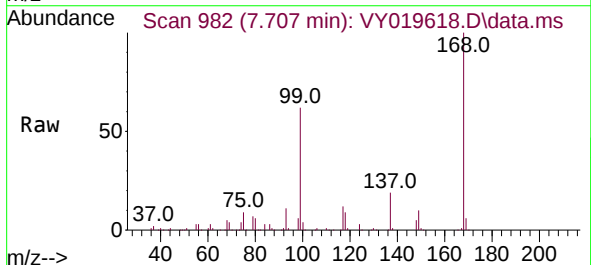
Instrument :
MSVOA_Y
ClientSampleId :



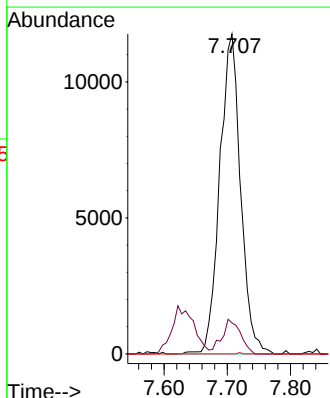
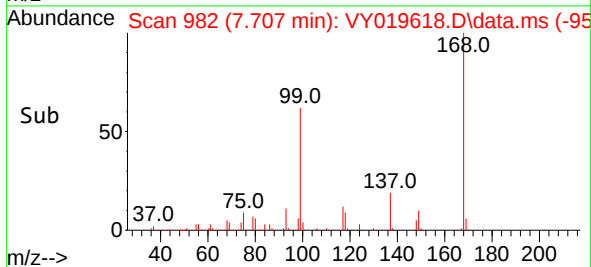
Tgt Ion:113 Resp: 186876
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 18.1 15.9 23.9

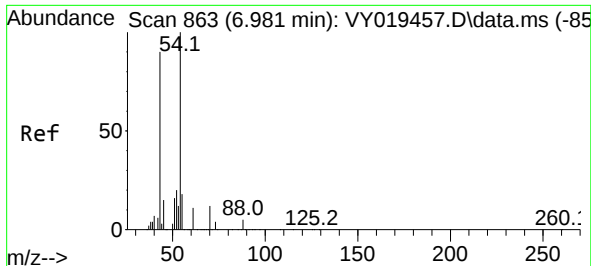


#36
1,1-Dichloropropene
Concen: 5.923 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02



Tgt Ion: 75 Resp: 26886
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.1 25.3 37.9#





#37

Ethyl Acetate

Concen: 9.563 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.085 min

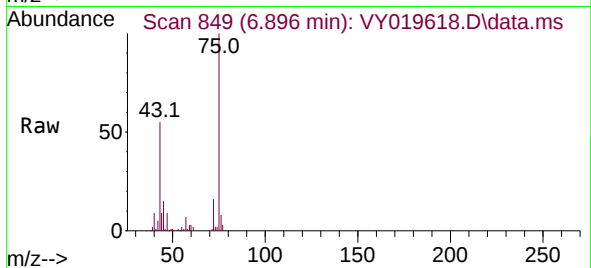
Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

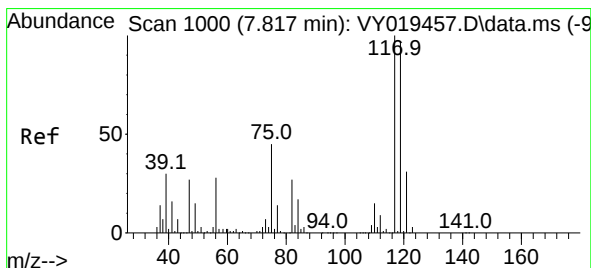
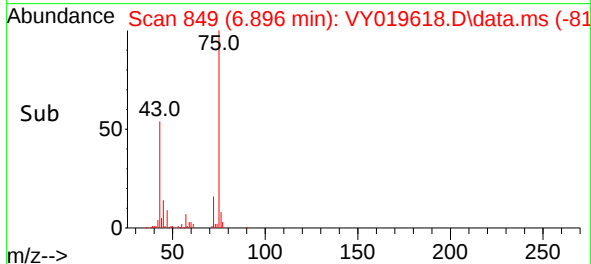
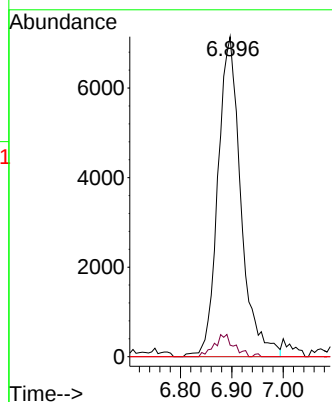
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	22242
Ion	Ratio	Lower	Upper
43	100		
61	5.8	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.450 ug/l

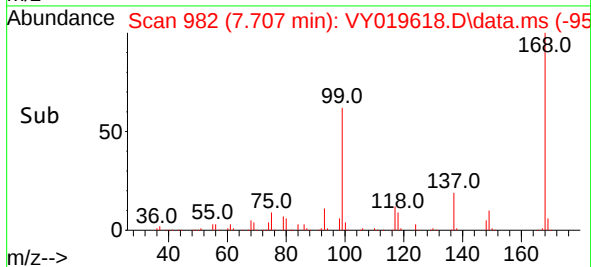
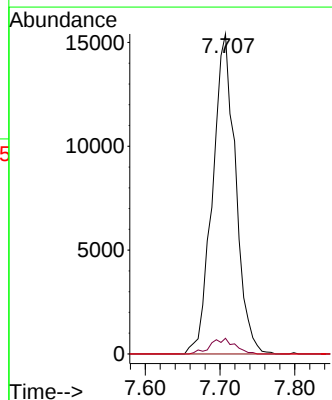
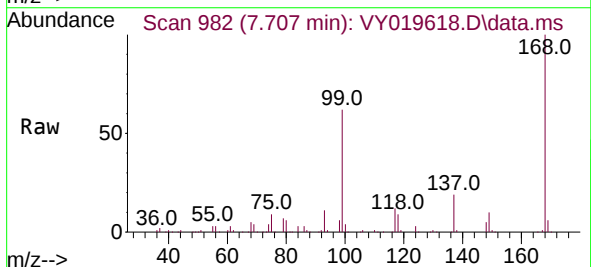
RT: 7.707 min Scan# 982

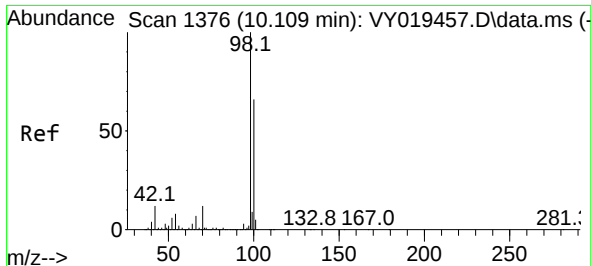
Delta R.T. -0.109 min

Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Tgt Ion:	117	Resp:	33017
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.6#
121	0.0	24.0	36.0#

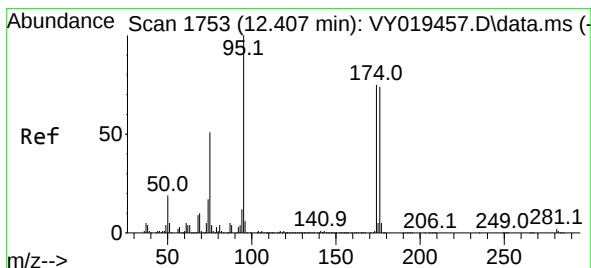
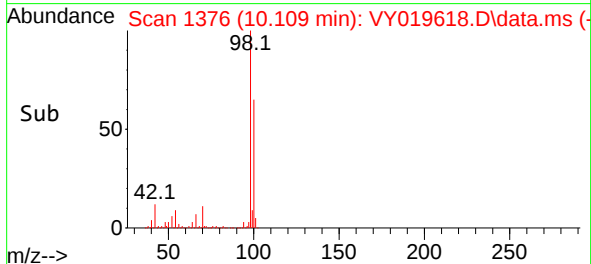
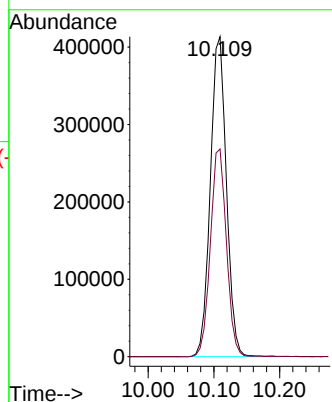
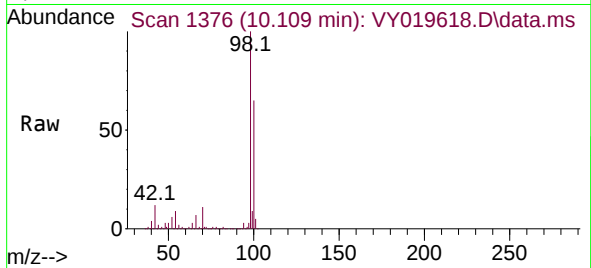




#50
Toluene-d8
Concen: 56.950 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

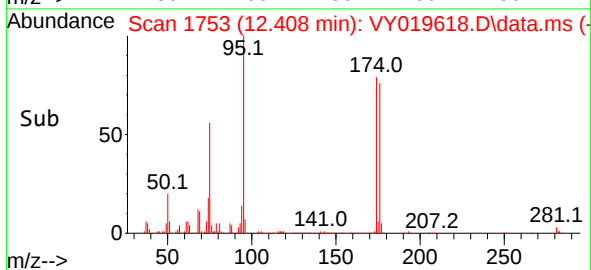
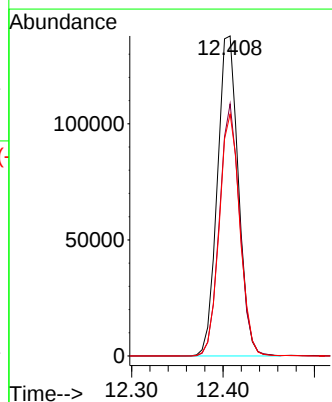
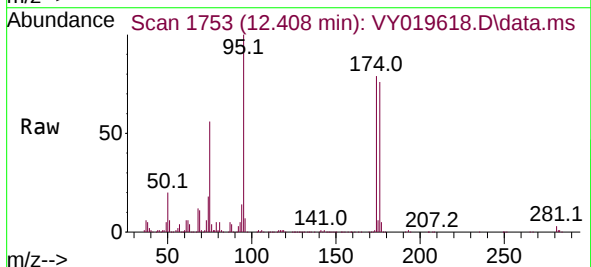
Instrument :
MSVOA_Y
ClientSampleId :

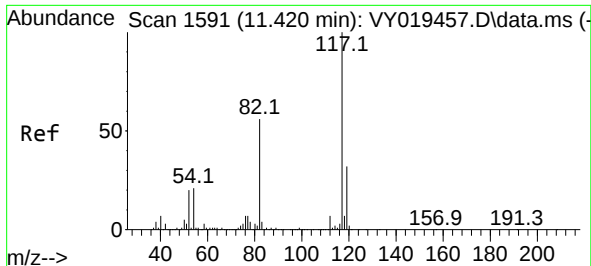
Tgt Ion: 98 Resp: 702687
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.530 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 95 Resp: 220754
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 74.2 0.0 171.4

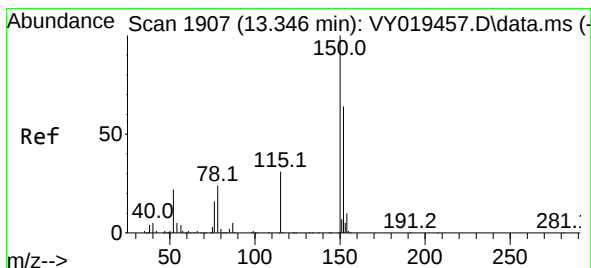
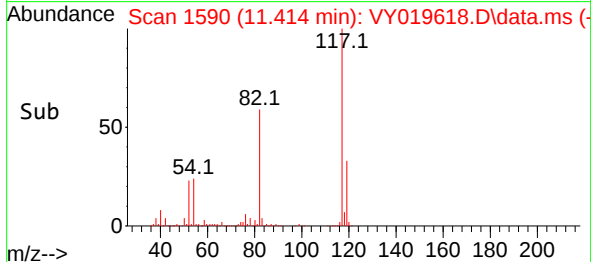
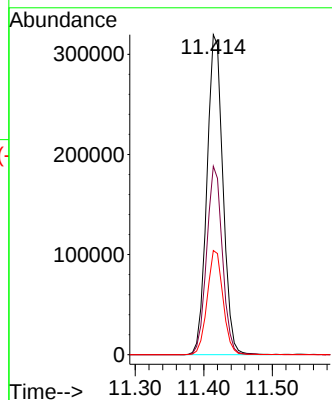
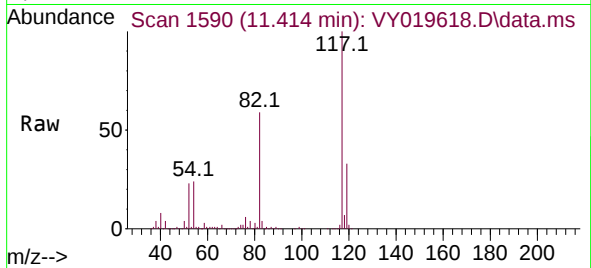




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

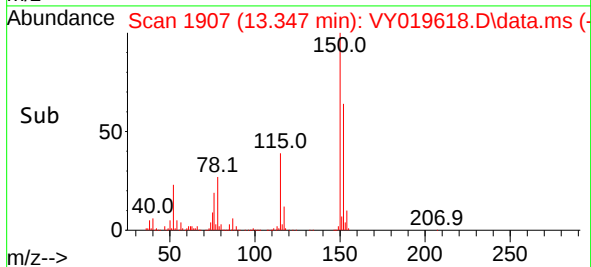
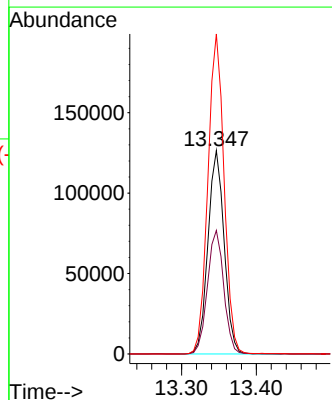
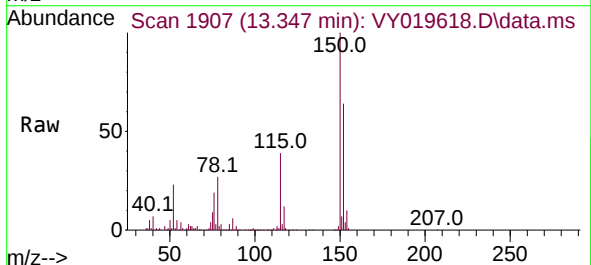
Instrument :
MSVOA_Y
ClientSampleId :

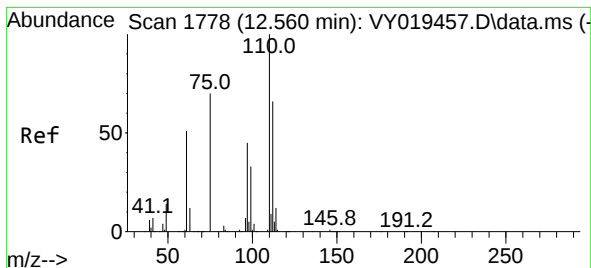
Tgt Ion:117 Resp: 519151
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion:152 Resp: 189932
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 157.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 67.646 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Instrument :

MSVOA_Y

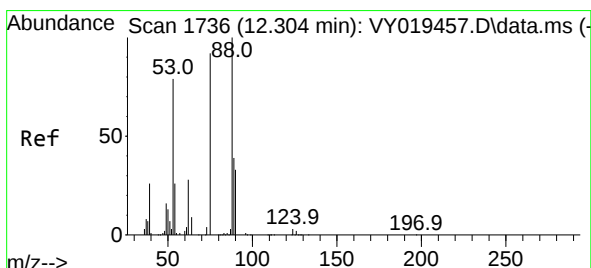
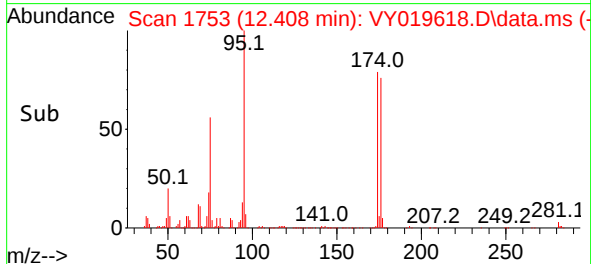
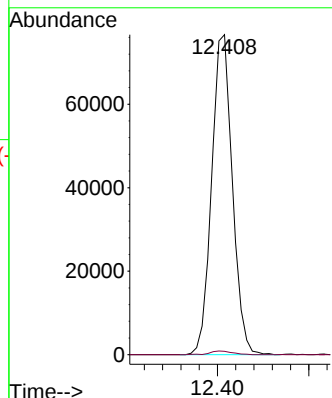
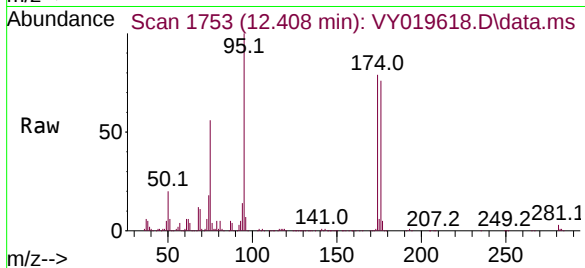
ClientSampleId :

Tgt Ion: 75 Resp: 120425

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.861 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Tgt Ion: 75 Resp: 120425

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

