

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019305.D
 Acq On : 28 Aug 2024 01:20
 Operator : SY/MD
 Sample : P3717-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:35:09 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)

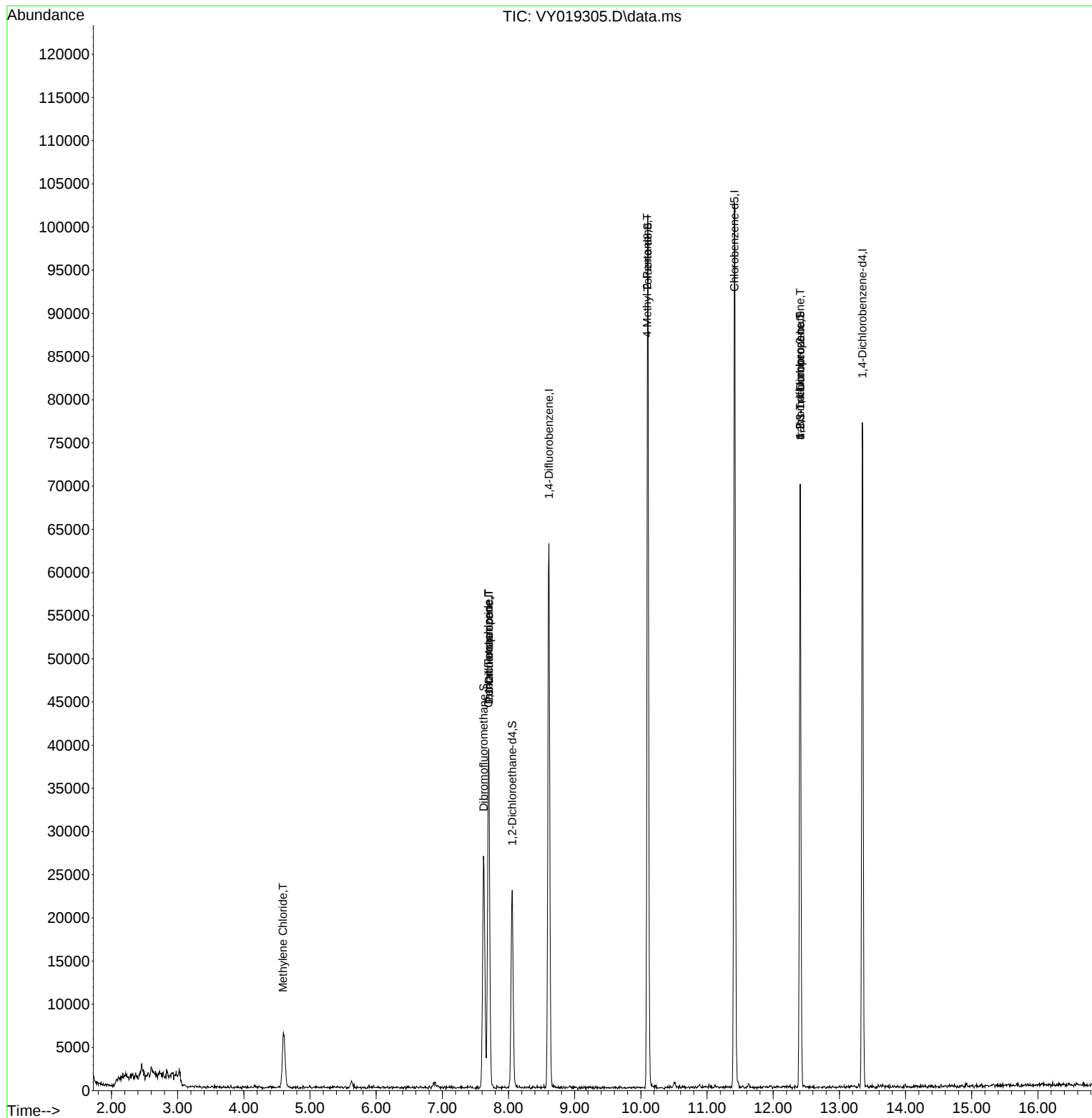
Internal Standards						
1) Pentafluorobenzene	7.701	168	31732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	55199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	57087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	20246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	17181	54.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.622	113	19150	53.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.103	98	65312	50.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.408	95	20837	47.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.120%	
Target Compounds						Qvalue
5) Bromomethane	2.599	94	562	Below Cal	#	75
11) Tert butyl alcohol	4.812	59	25	Below Cal	#	88
20) Methylene Chloride	4.592	84	4968	4.191	ug/l #	93
31) Cyclohexane	7.695	56	779	Below Cal	#	7
36) 1,1-Dichloropropene	7.701	75	2248	4.536	ug/l #	46
38) Carbon Tetrachloride	7.695	117	3095	5.389	ug/l #	16
51) 4-Methyl-2-Pentanone	10.097	43	300	1.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	11113	55.659	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	11113	137.459	ug/l #	16

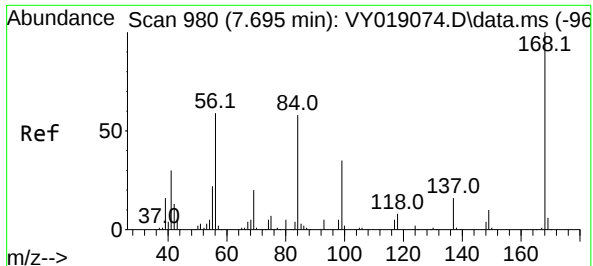
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
Data File : VY019305.D
Acq On : 28 Aug 2024 01:20
Operator : SY/MD
Sample : P3717-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 28 03:35:09 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

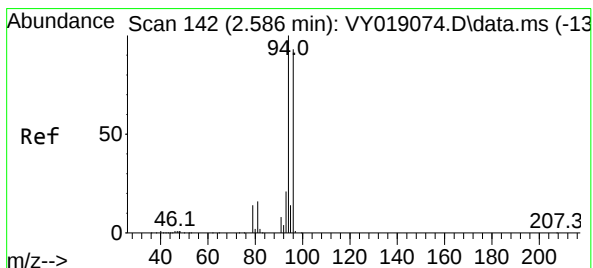
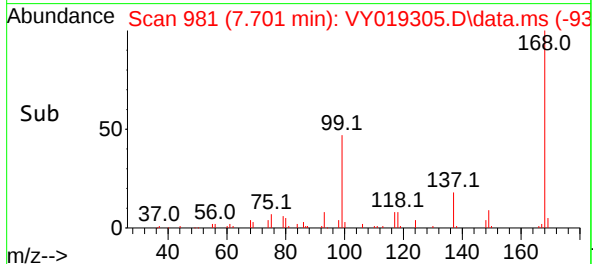
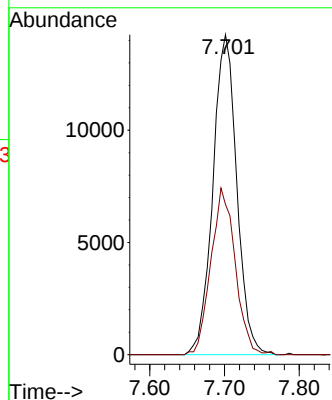
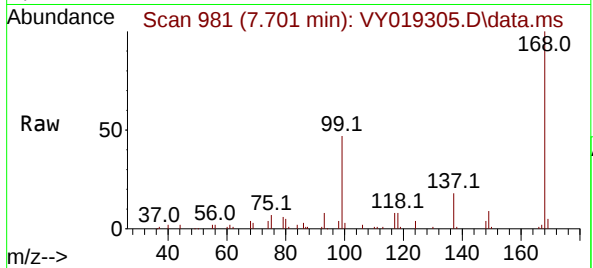




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

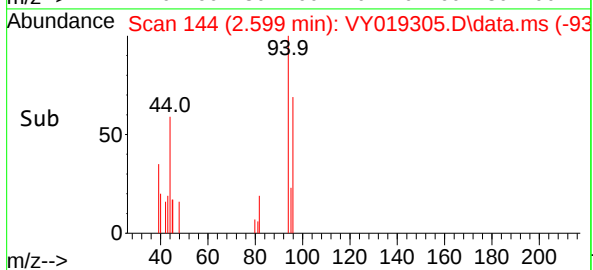
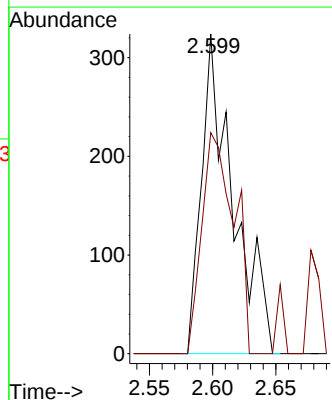
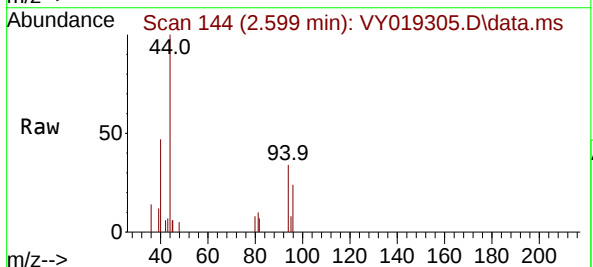
Instrument :
MSVOA_Y
ClientSampleId :

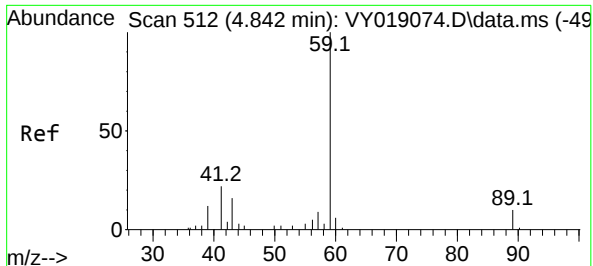
Tgt Ion:168 Resp: 31732
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 69.1 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.812 min Scan# 50

Delta R.T. -0.030 min

Lab File: VY019305.D

Acq: 28 Aug 2024 01:20

Instrument :

MSVOA_Y

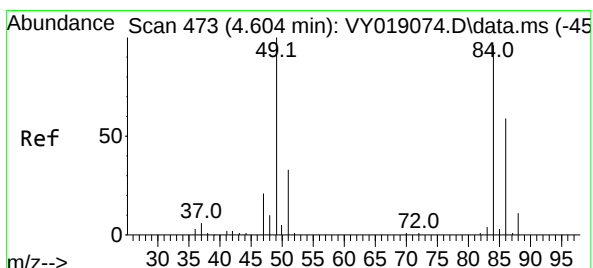
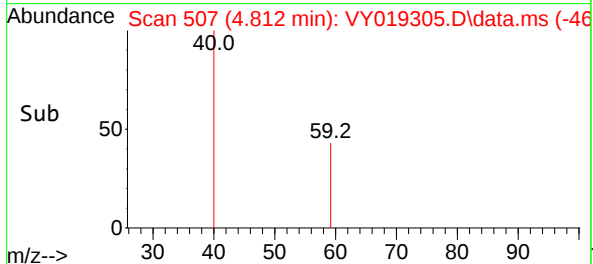
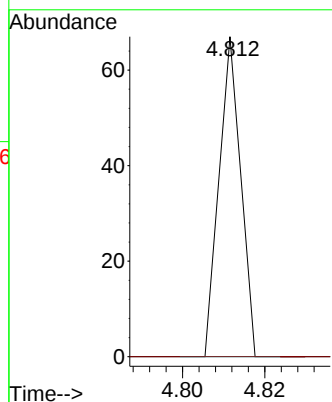
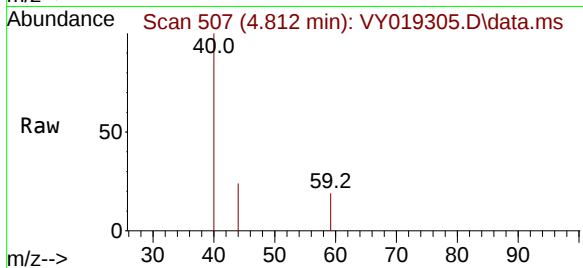
ClientSampleId :

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: 4.191 ug/l

RT: 4.592 min Scan# 471

Delta R.T. -0.012 min

Lab File: VY019305.D

Acq: 28 Aug 2024 01:20

Tgt Ion: 84 Resp: 4968

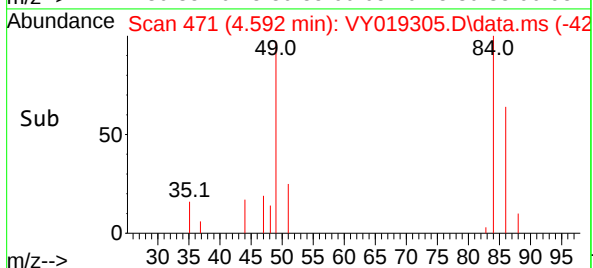
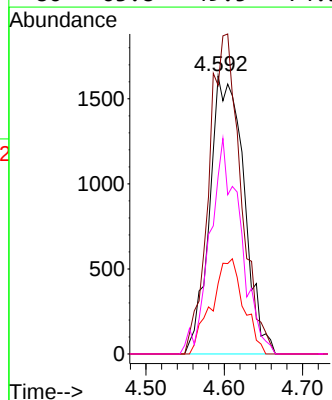
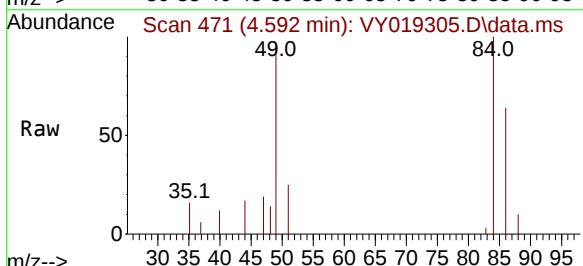
Ion Ratio Lower Upper

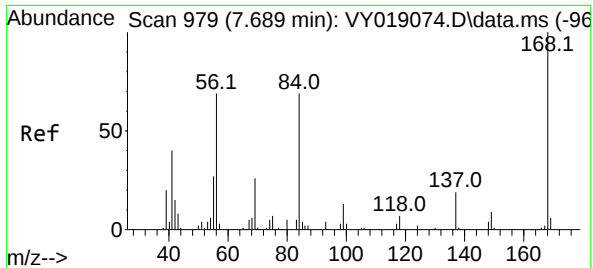
84 100

49 96.6 84.4 126.6

51 25.3 26.0 39.0#

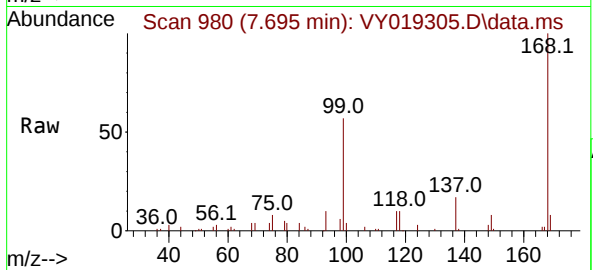
86 63.8 49.5 74.3



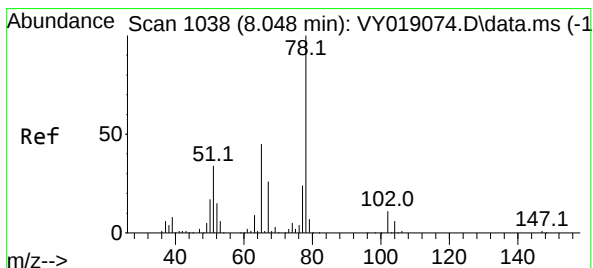
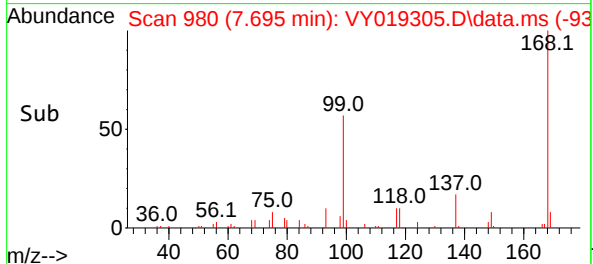
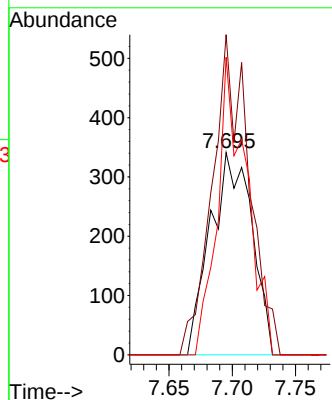


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Instrument :
MSVOA_Y
ClientSampleId :

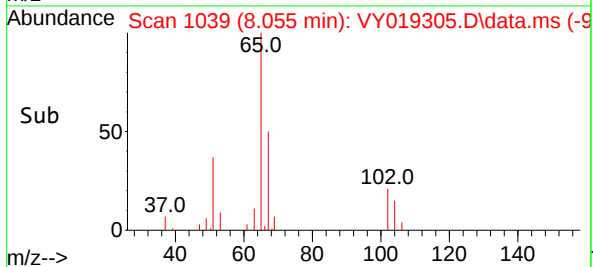
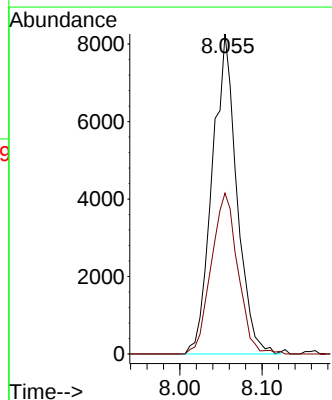
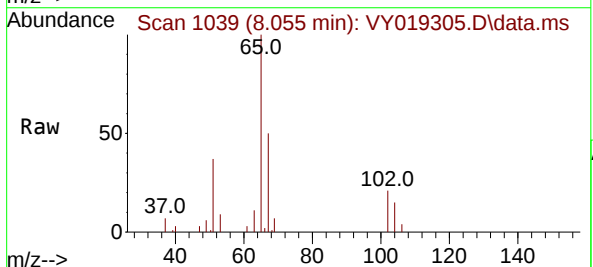


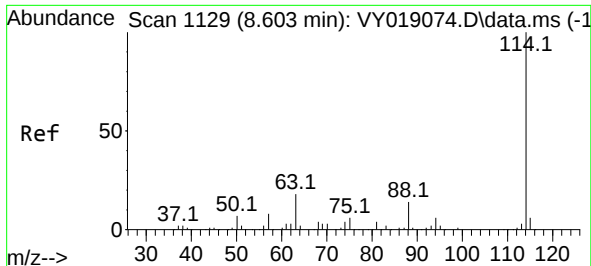
Tgt Ion: 56 Resp: 779
Ion Ratio Lower Upper
56 100
69 158.4 28.7 43.1#
84 147.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.013 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Tgt Ion: 65 Resp: 17181
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019305.D

Acq: 28 Aug 2024 01:20

Instrument :

MSVOA_Y

ClientSampleId :

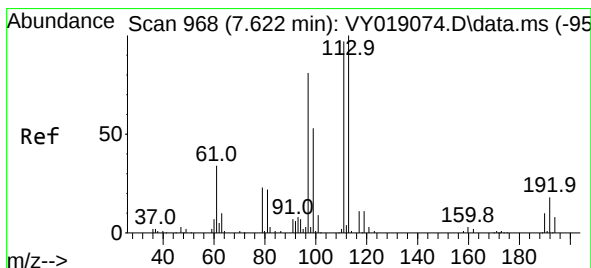
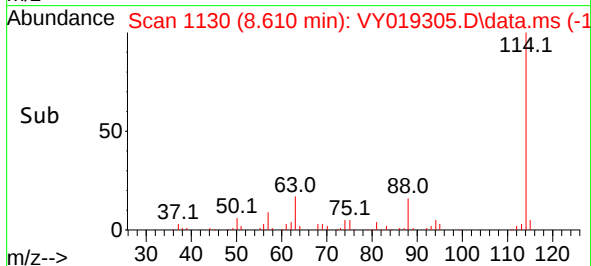
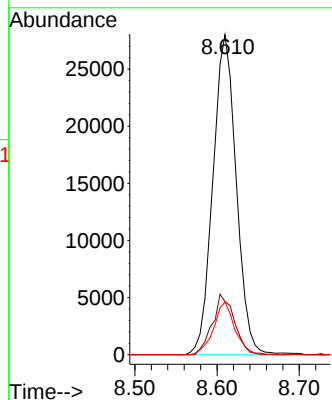
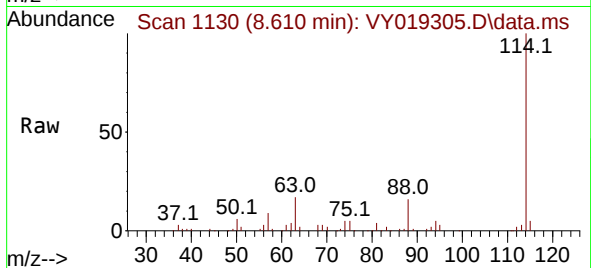
Tgt Ion:114 Resp: 55199

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.058 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019305.D

Acq: 28 Aug 2024 01:20

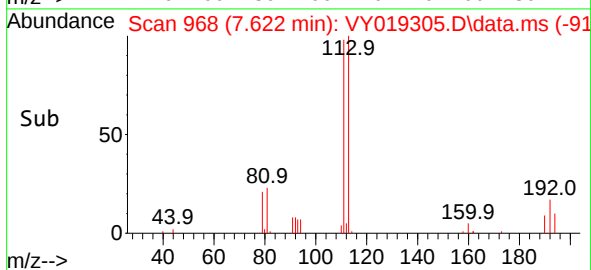
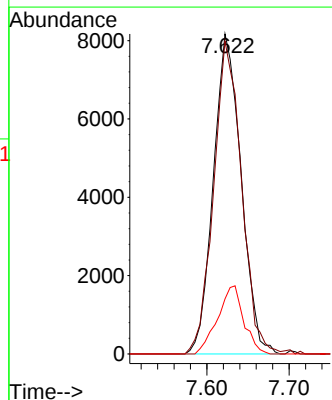
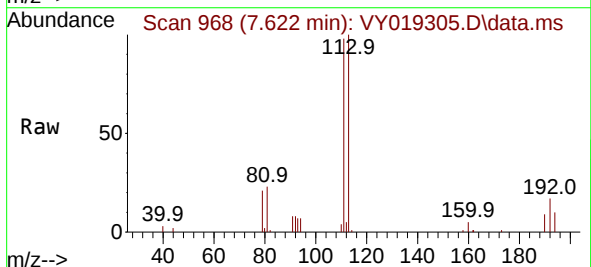
Tgt Ion:113 Resp: 19150

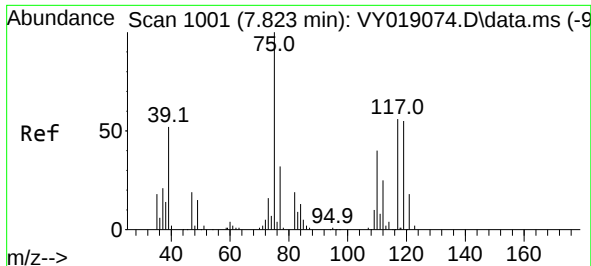
Ion Ratio Lower Upper

113 100

111 98.6 82.2 123.4

192 20.0 15.9 23.9

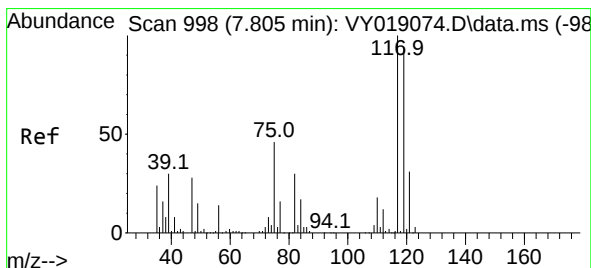
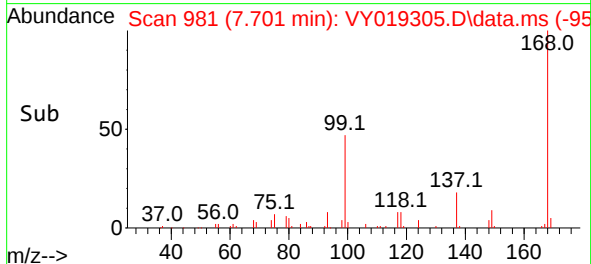
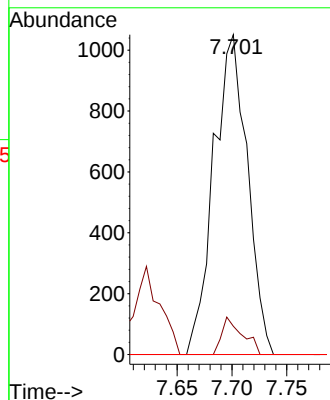
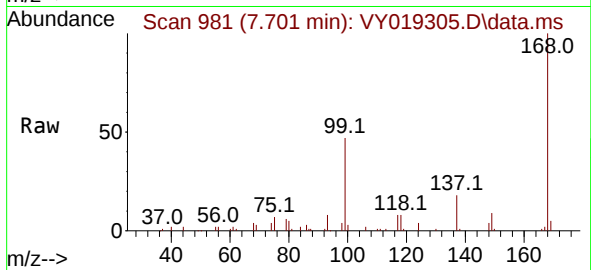




#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

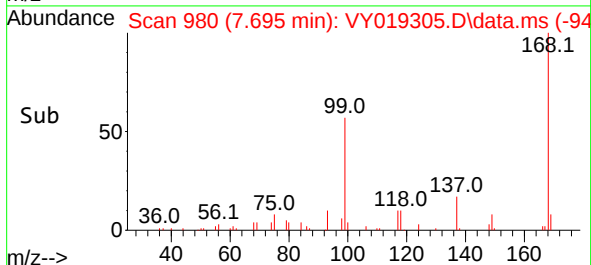
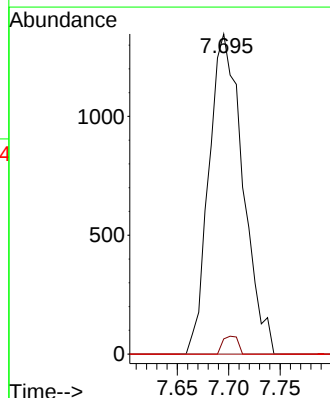
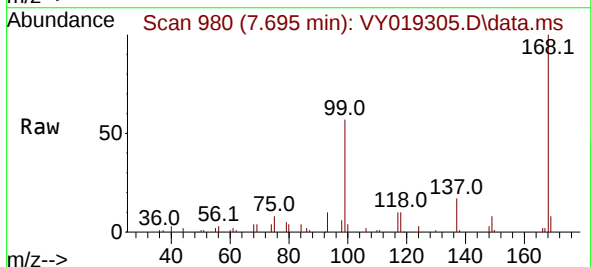
Instrument :
MSVOA_Y
ClientSampleId :

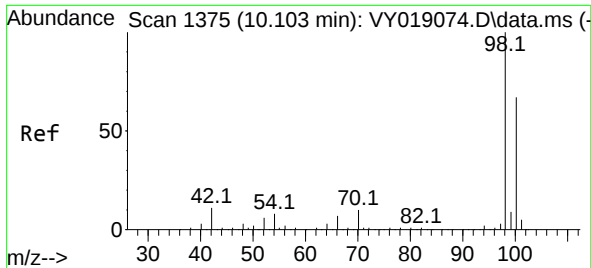
Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.389 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Tgt Ion: 117 Resp: 3095
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#

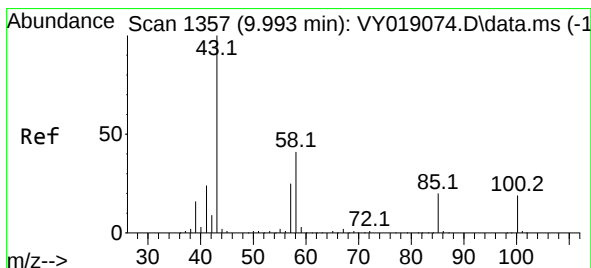
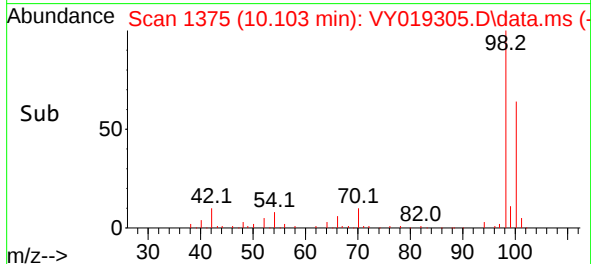
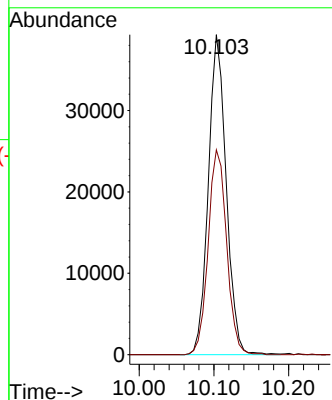
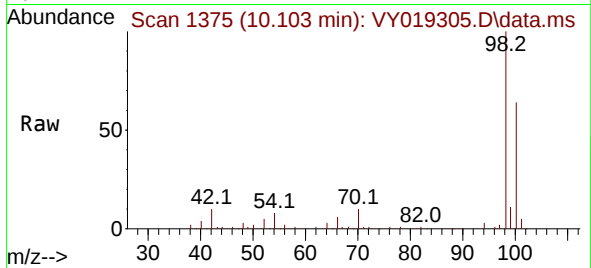




#50
Toluene-d8
Concen: 50.285 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

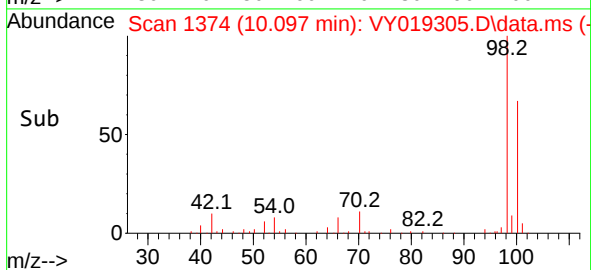
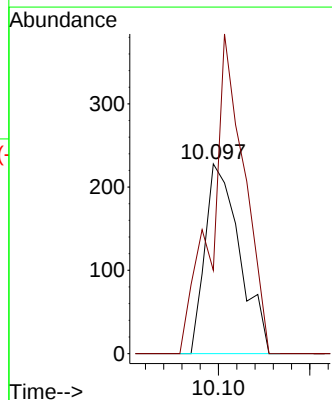
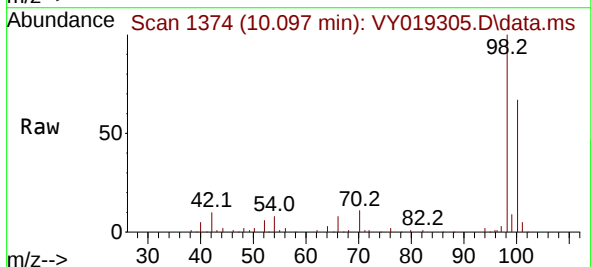
Instrument :
MSVOA_Y
ClientSampleId :

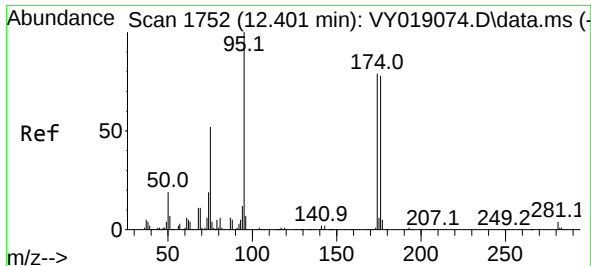
Tgt Ion: 98 Resp: 65312
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.273 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 159.0 35.7 53.5#

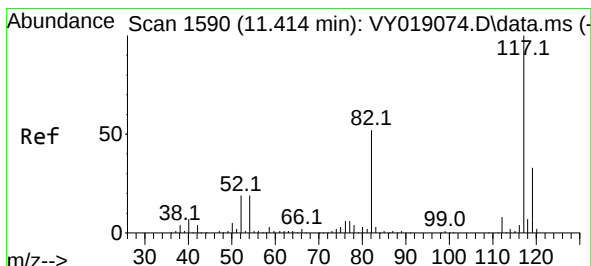
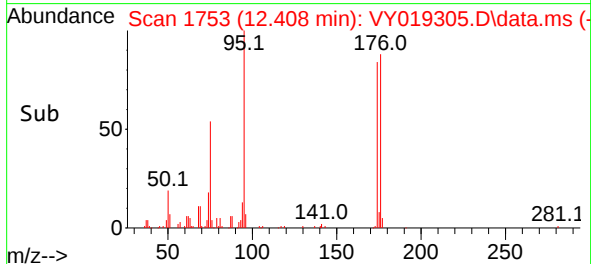
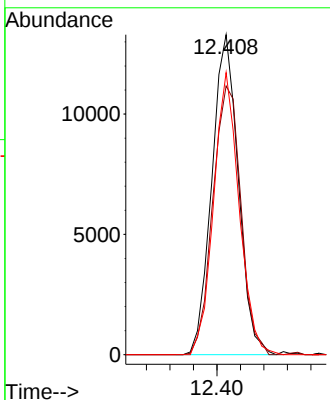
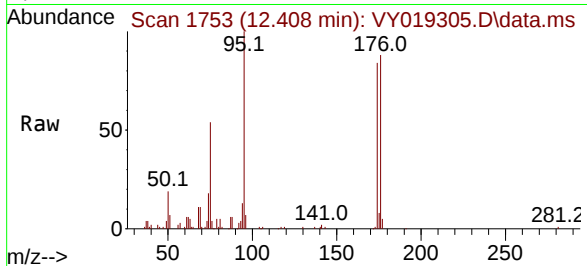




#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

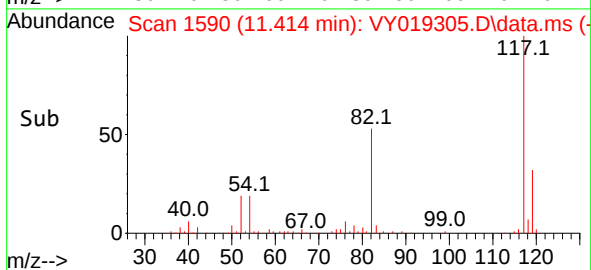
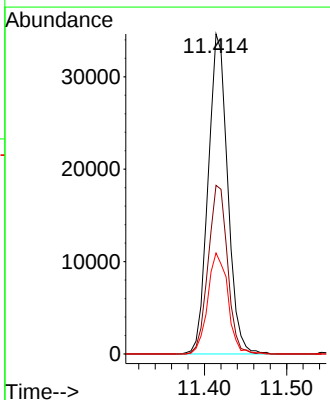
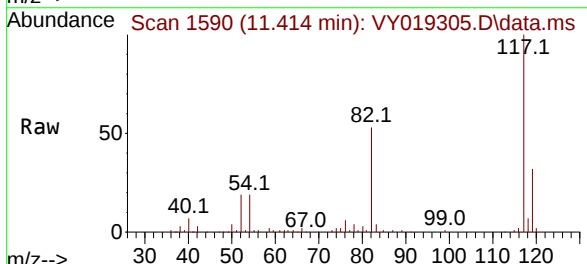
Instrument :
MSVOA_Y
ClientSampleId :

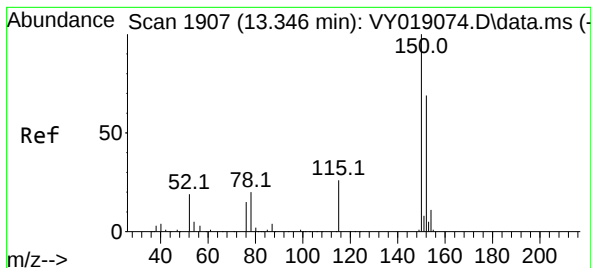
Tgt Ion:	95	Resp:	20837
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	175.6
176	85.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019305.D
Acq: 28 Aug 2024 01:20

Tgt Ion:	117	Resp:	57087
Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	31.5	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: VY019305.D

Acq: 28 Aug 2024 01:20

Instrument :

MSVOA_Y

ClientSampleId :

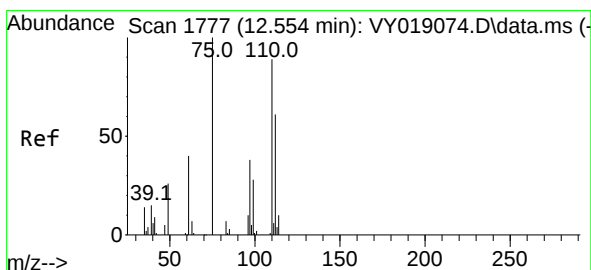
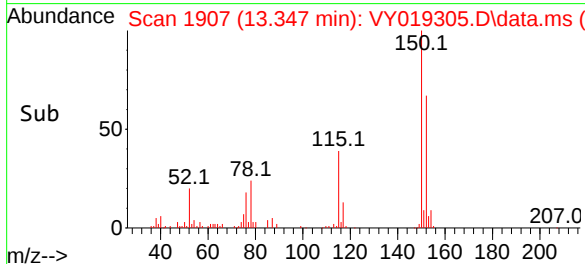
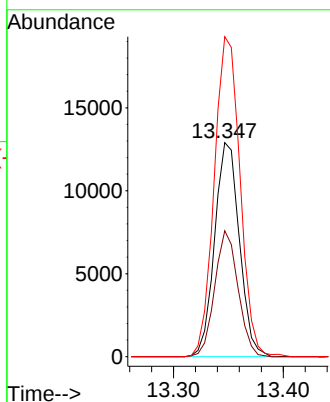
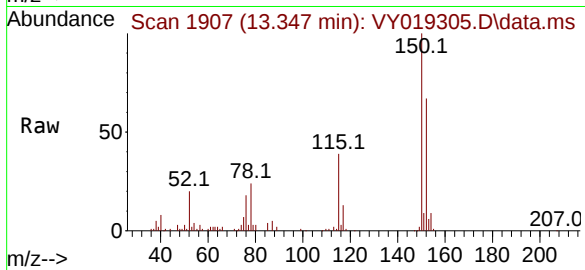
Tgt Ion:152 Resp: 20246

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 155.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.659 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019305.D

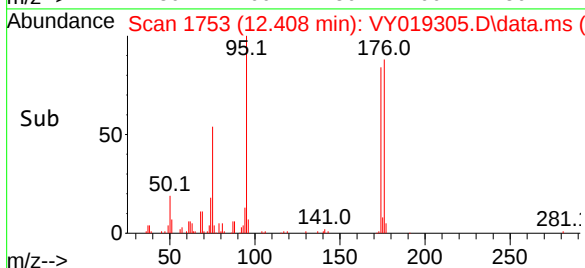
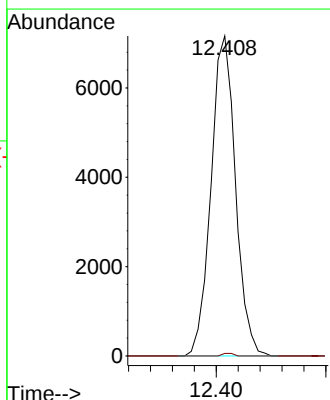
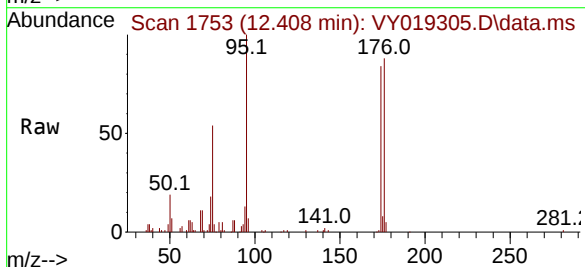
Acq: 28 Aug 2024 01:20

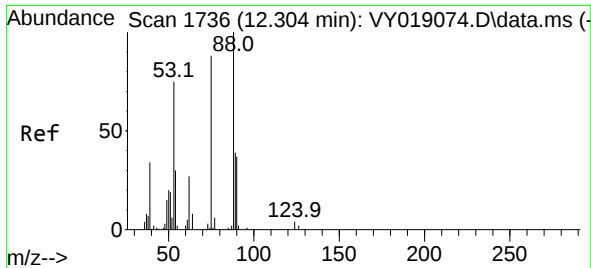
Tgt Ion: 75 Resp: 11113

Ion Ratio Lower Upper

75 100

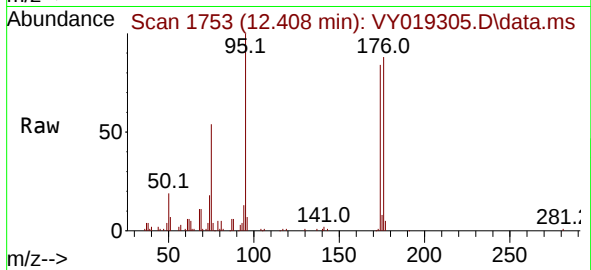
77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.459 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019305.D
 Acq: 28 Aug 2024 01:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	11113
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

