

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019387.D
 Acq On : 29 Aug 2024 22:34
 Operator : SY/MD
 Sample : P3751-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:52:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

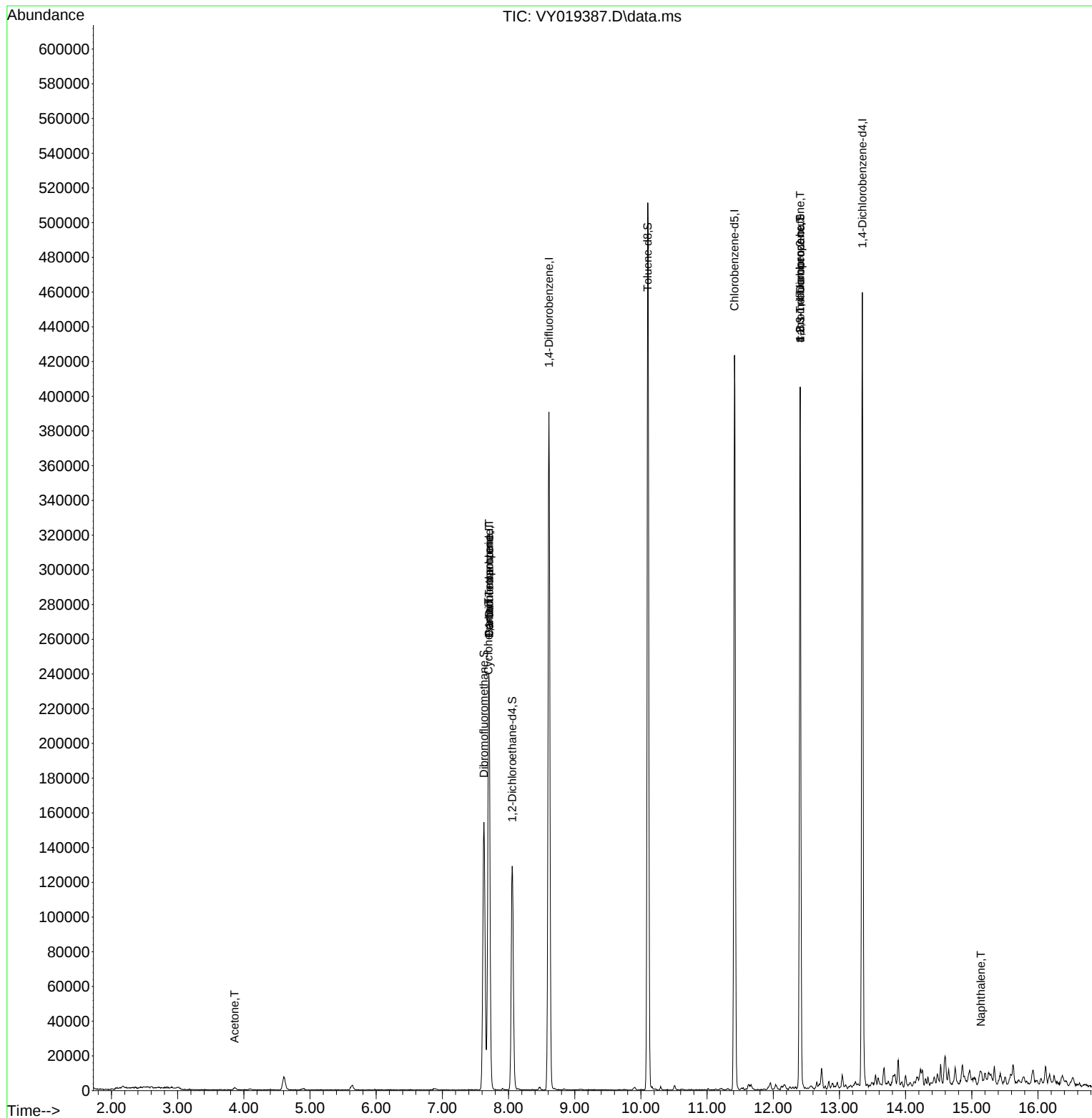
Internal Standards						
1) Pentafluorobenzene	7.707	168	190713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	341095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	230530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	103345	57.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.420%
35) Dibromofluoromethane	7.628	113	107208	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.103	98	326361	41.111	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.220%
62) 4-Bromofluorobenzene	12.408	95	116739	45.465	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	297	Below Cal		87
16) Acetone	3.860	43	2359	6.640 ug/l	#	65
20) Methylene Chloride	4.616	84	5421	Below Cal		91
31) Cyclohexane	7.695	56	3928	1.279 ug/l	#	29
36) 1,1-Dichloropropene	7.707	75	14618	4.797 ug/l	#	48
38) Carbon Tetrachloride	7.707	117	18543	4.992 ug/l	#	16
76) 1,2,3-Trichloropropane	12.408	75	63441	64.526 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	63441	159.643 ug/l	#	16
95) Naphthalene	15.139	128	4955	1.725 ug/l	#	93

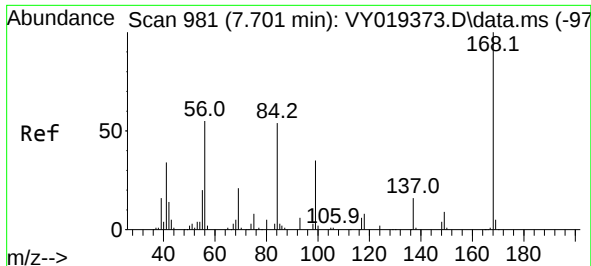
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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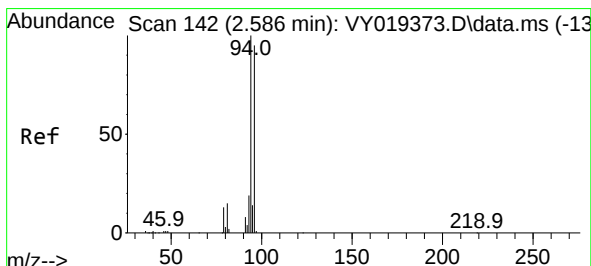
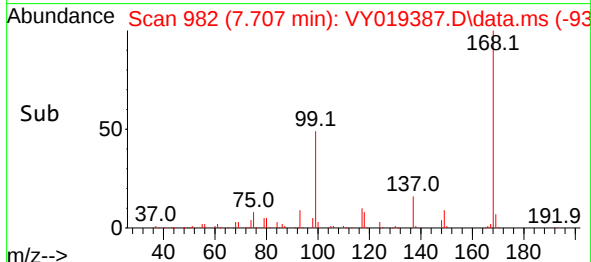
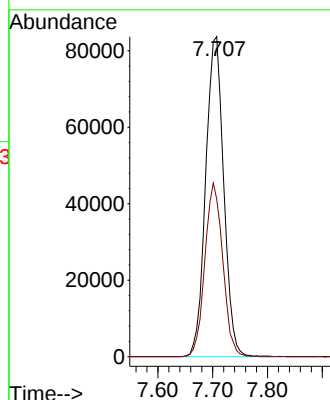
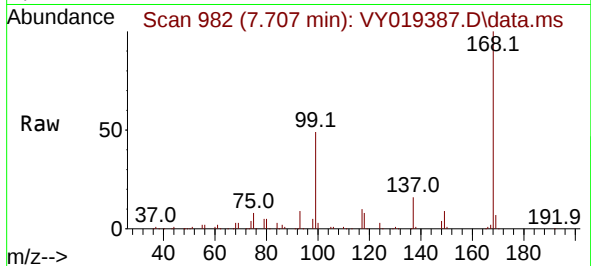




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

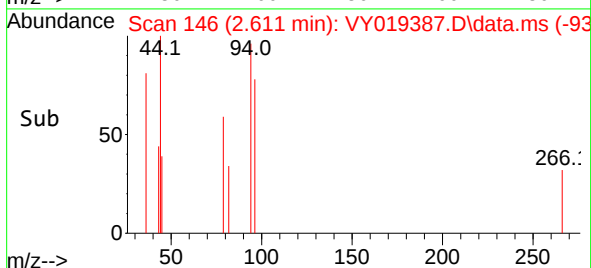
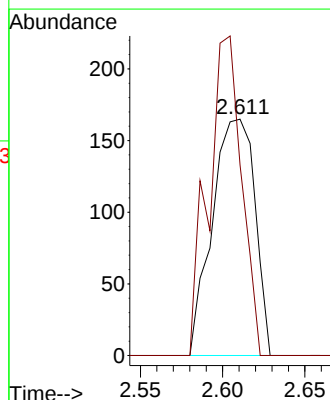
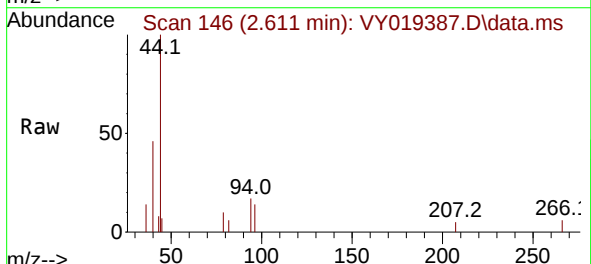
Instrument :
MSVOA_Y
ClientSampleId :

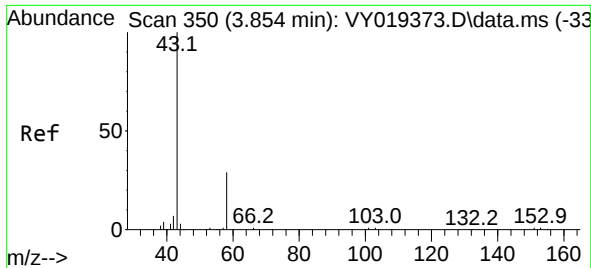
Tgt Ion:168 Resp: 190713
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 80.6 74.1 111.1





#16

Acetone

Concen: 6.640 ug/l

RT: 3.860 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

Instrument :

MSVOA_Y

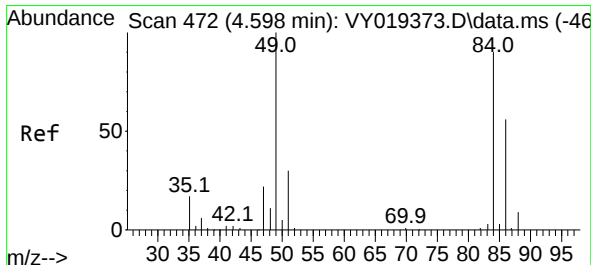
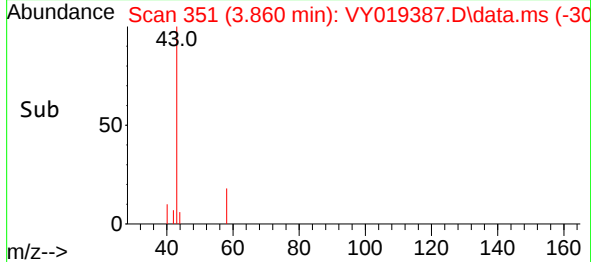
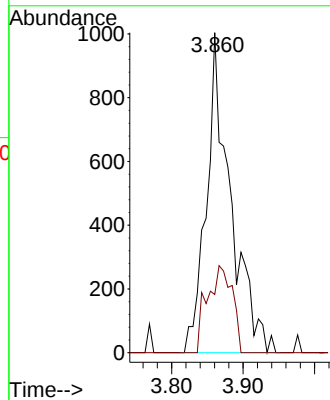
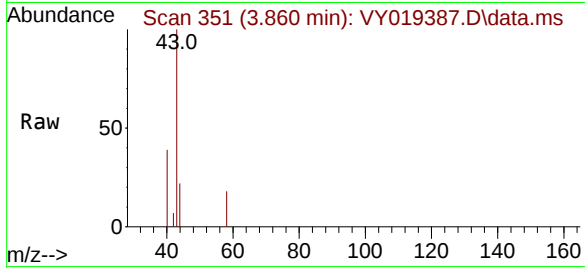
ClientSampleId :

Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

43 100

58 18.2 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 475

Delta R.T. 0.018 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

Tgt Ion: 84 Resp: 5421

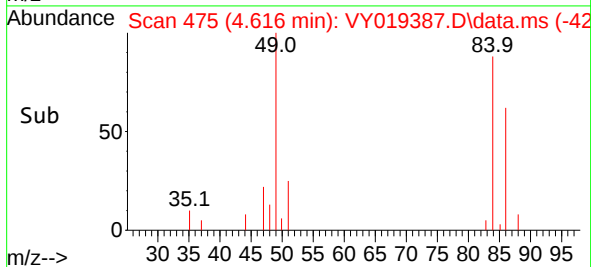
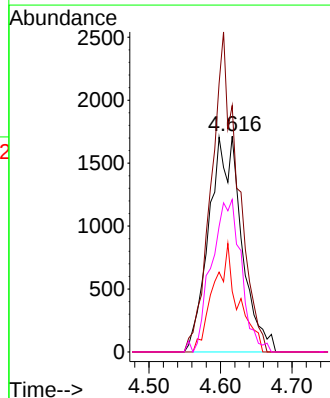
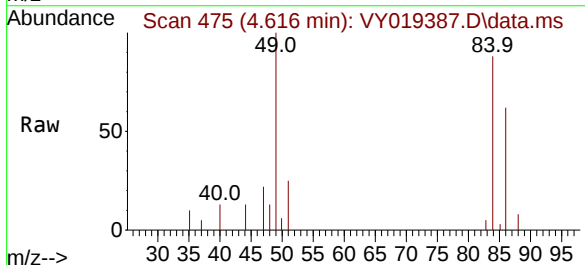
Ion Ratio Lower Upper

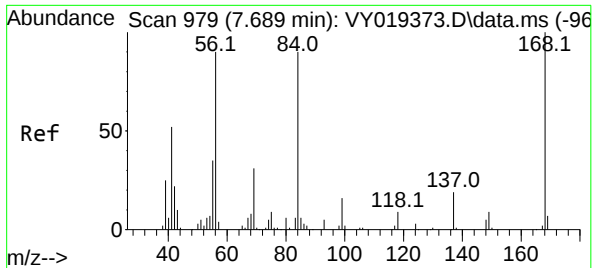
84 100

49 114.2 84.4 126.6

51 28.2 26.0 39.0

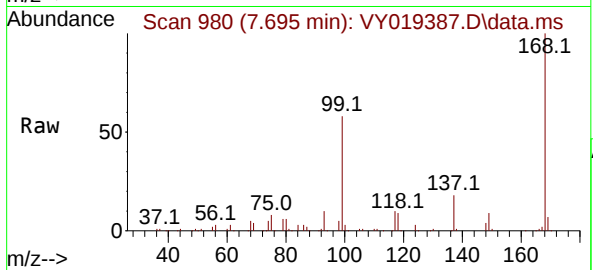
86 70.7 49.5 74.3



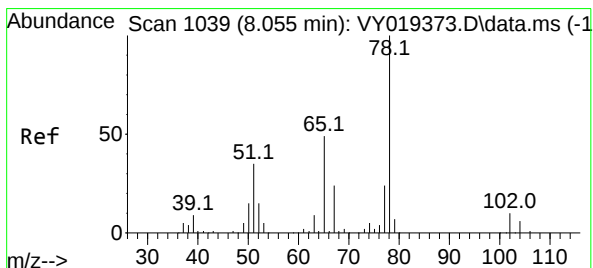
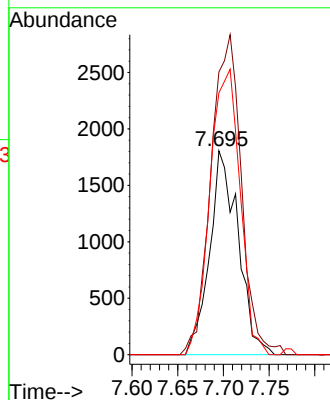
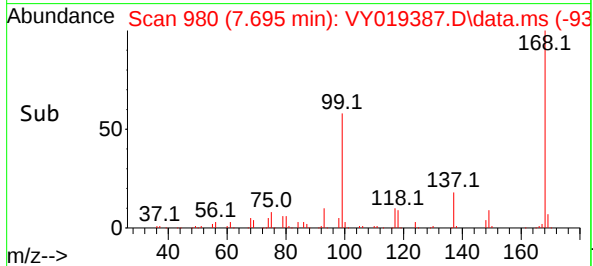


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

Instrument :
MSVOA_Y
ClientSampleId :

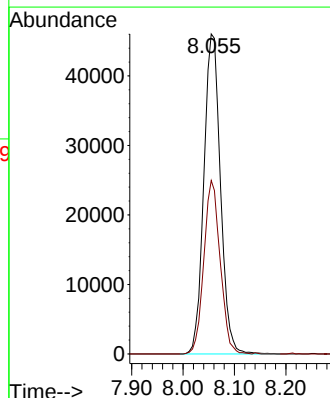
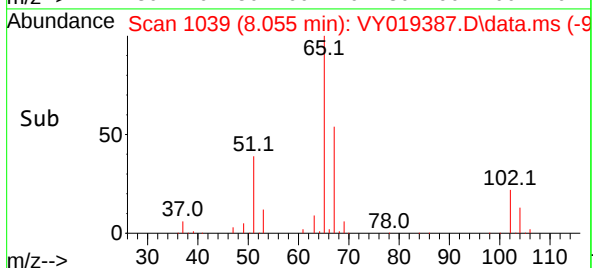
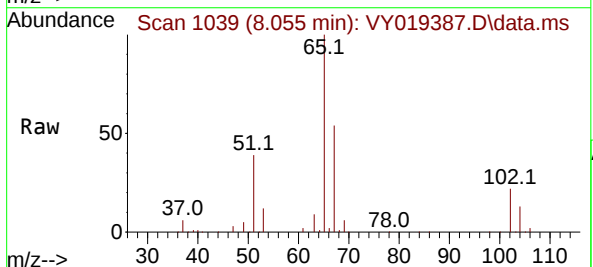


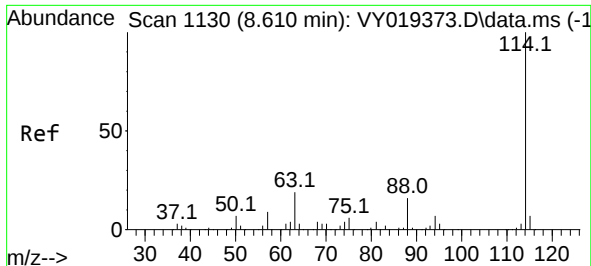
Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 138.7 28.7 43.1#
84 128.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.211 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

Tgt Ion: 65 Resp: 103345
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

Instrument :

MSVOA_Y

ClientSampleId :

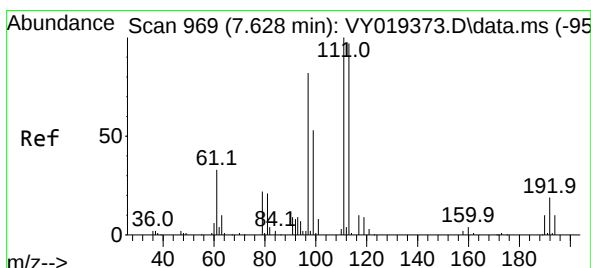
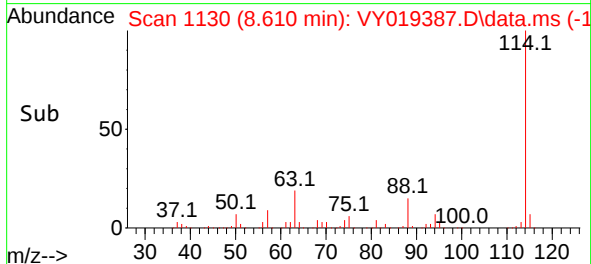
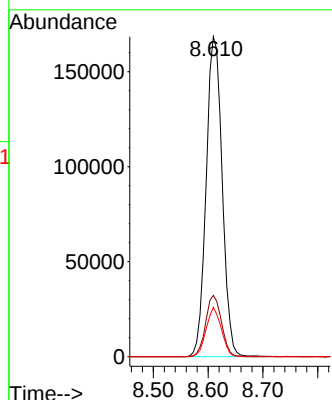
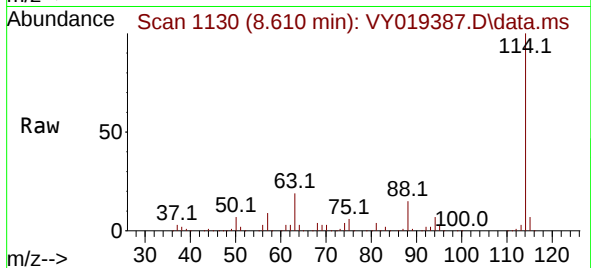
Tgt Ion:114 Resp: 341095

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

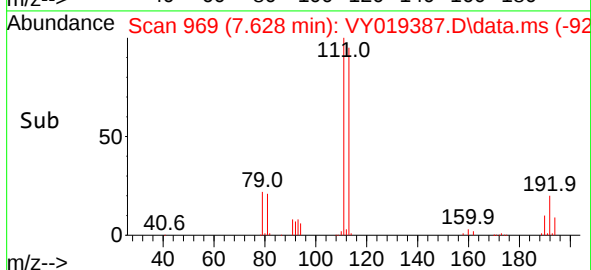
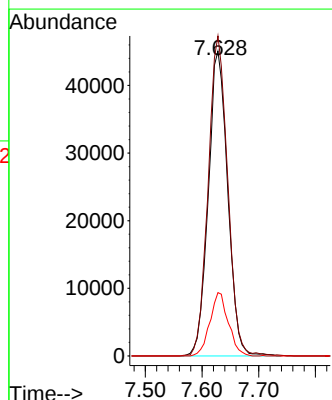
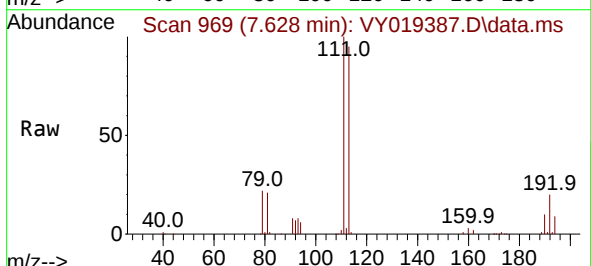
Tgt Ion:113 Resp: 107208

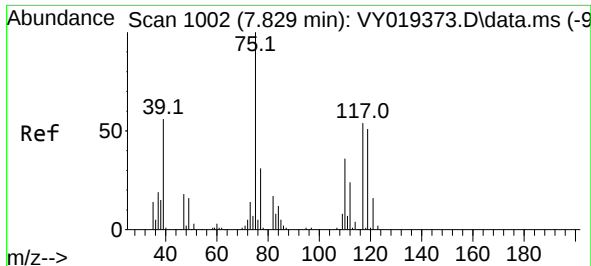
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 19.8 15.9 23.9

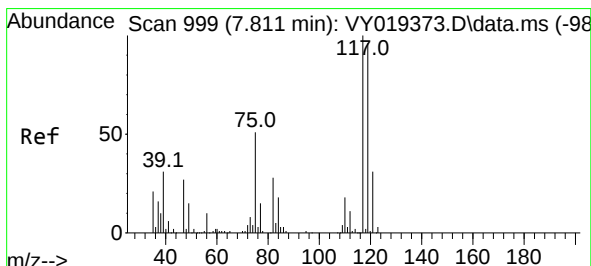
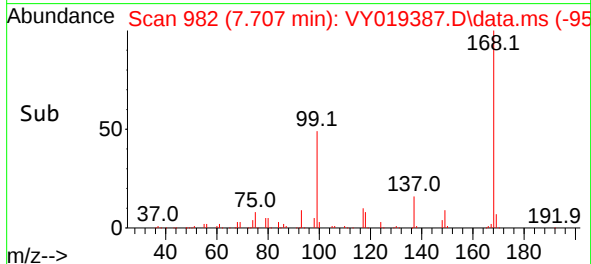
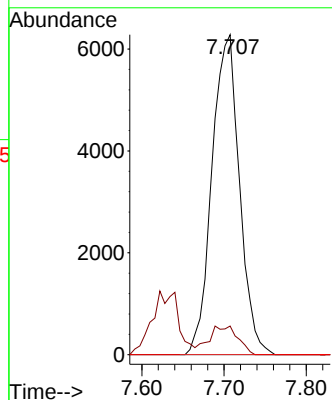
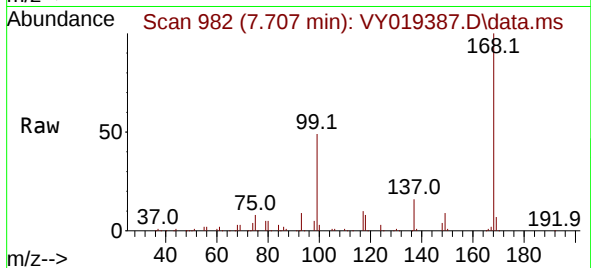




#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

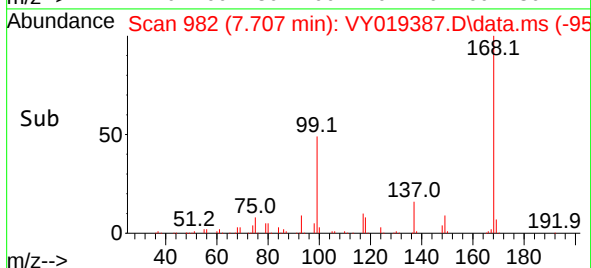
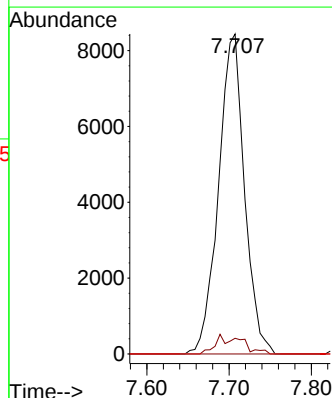
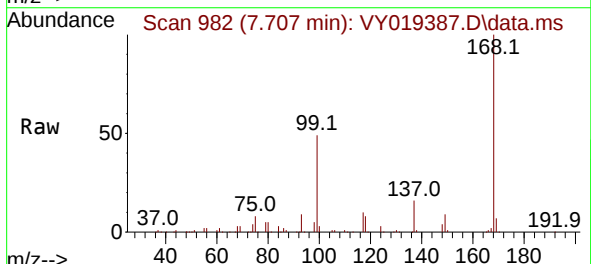
Instrument :
MSVOA_Y
ClientSampleId :

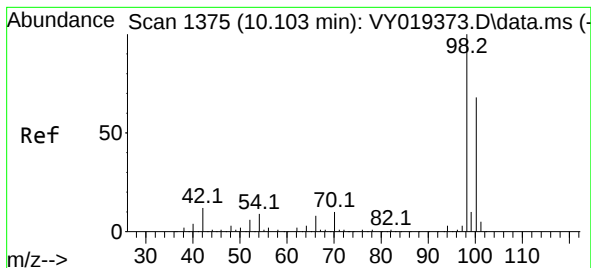
Tgt Ion: 75 Resp: 14618
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

Tgt Ion: 117 Resp: 18543
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#

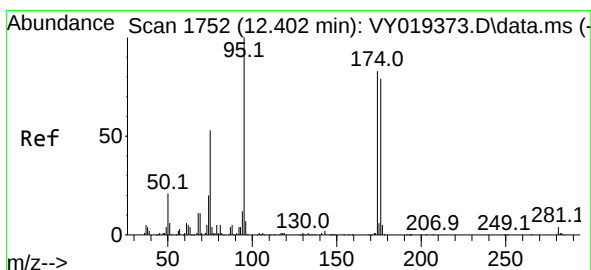
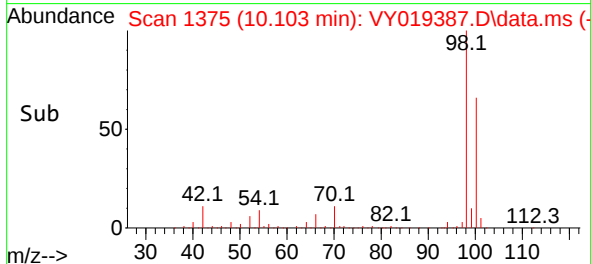
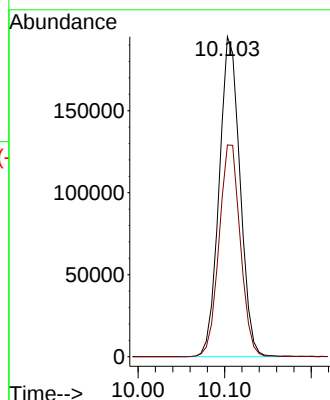
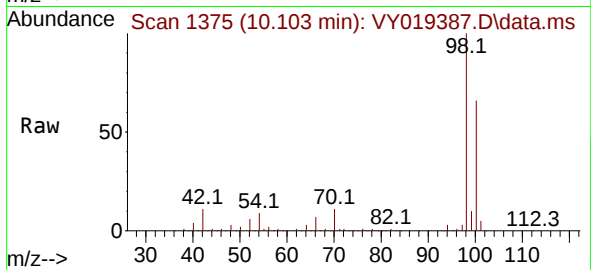




#50
Toluene-d8
Concen: 41.111 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

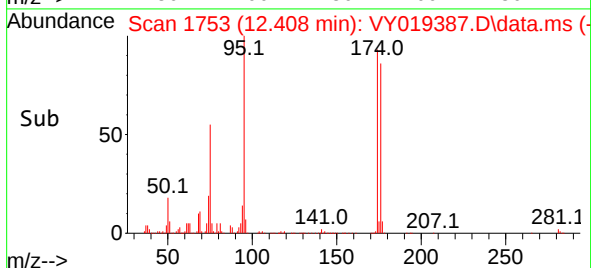
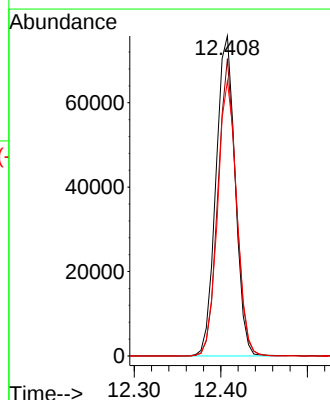
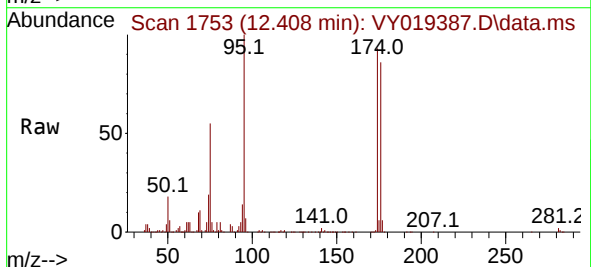
Instrument :
MSVOA_Y
ClientSampleId :

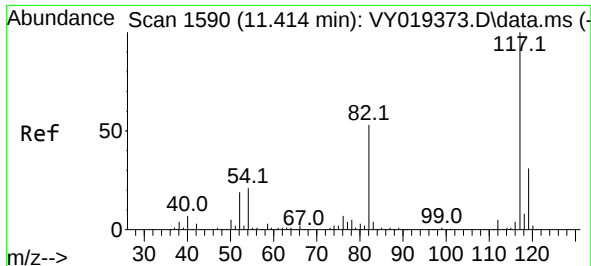
Tgt Ion: 98 Resp: 326361
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.465 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

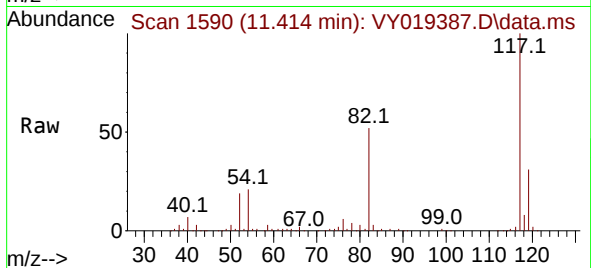
Tgt Ion: 95 Resp: 116739
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 85.8 0.0 171.4



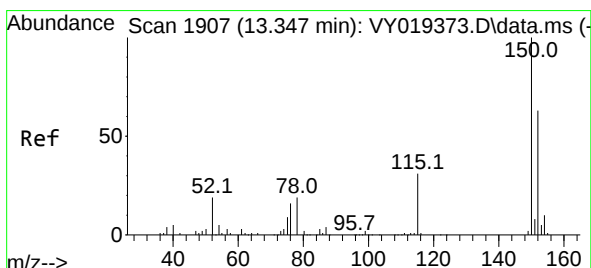
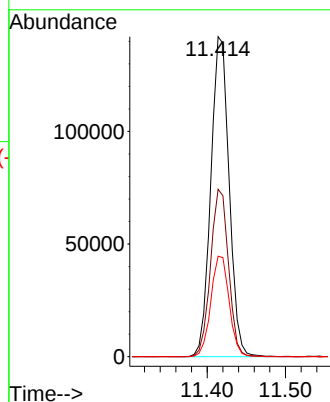
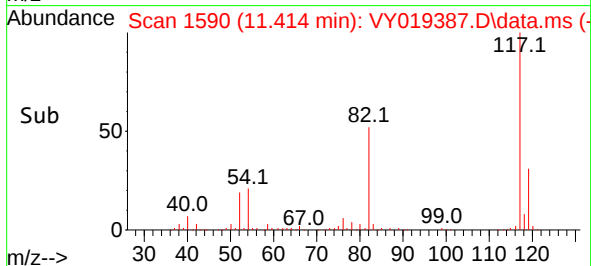


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34

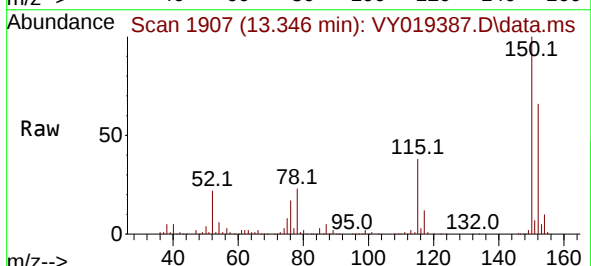
Instrument :
MSVOA_Y
ClientSampleId :



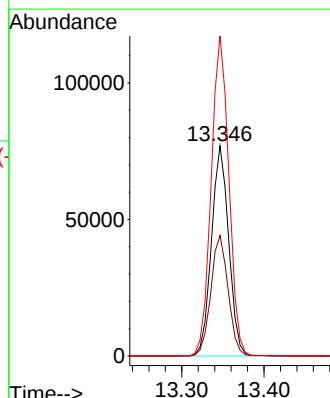
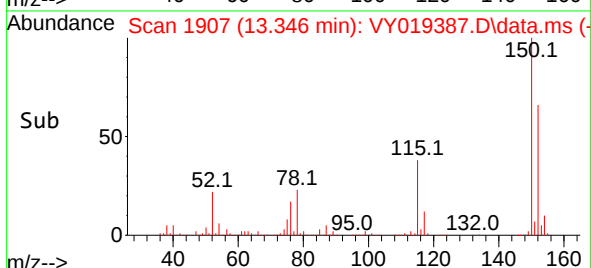
Tgt Ion:117 Resp: 230530
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.4 25.9 38.9

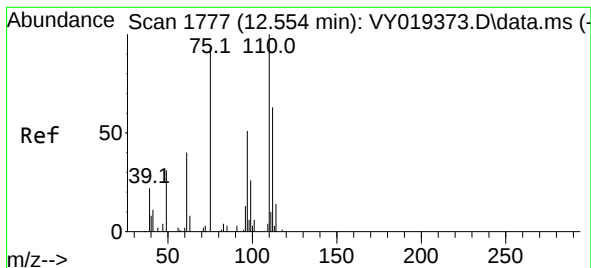


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019387.D
Acq: 29 Aug 2024 22:34



Tgt Ion:152 Resp: 111954
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 64.526 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

Instrument :

MSVOA_Y

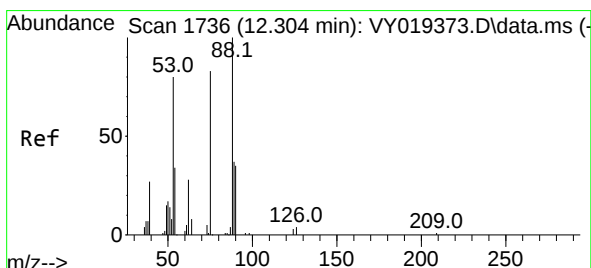
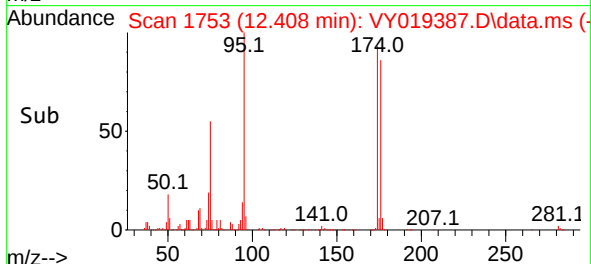
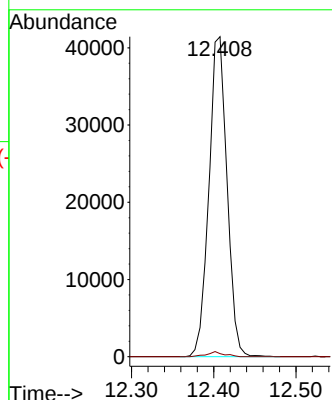
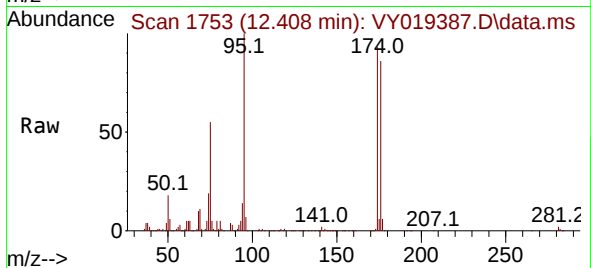
ClientSampleId :

Tgt Ion: 75 Resp: 63441

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 159.643 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019387.D

Acq: 29 Aug 2024 22:34

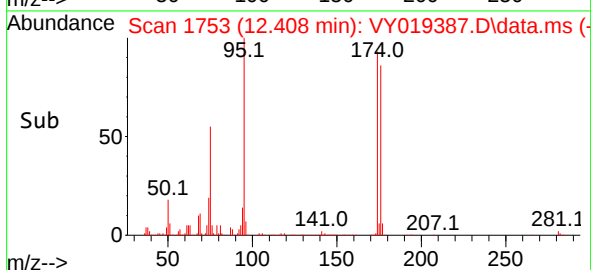
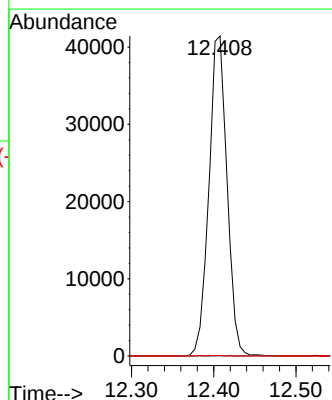
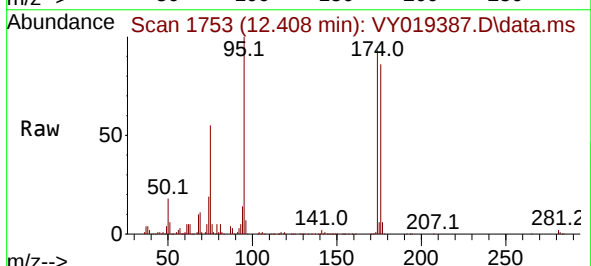
Tgt Ion: 75 Resp: 63441

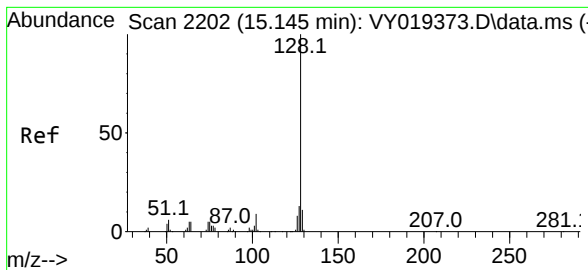
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

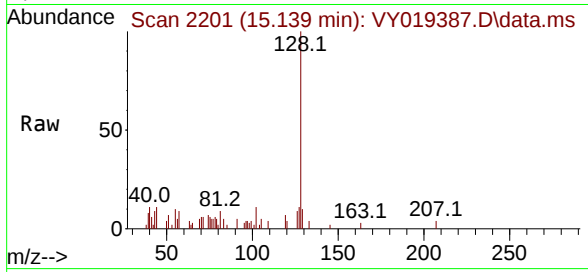
89 0.1 35.8 53.6#





#95
 Naphthalene
 Concen: 1.725 ug/l
 RT: 15.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019387.D
 Acq: 29 Aug 2024 22:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	4955
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	16.2	8.6	13.0

