

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019378.D
 Acq On : 29 Aug 2024 19:05
 Operator : SY/MD
 Sample : VY0829SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:47:08 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)

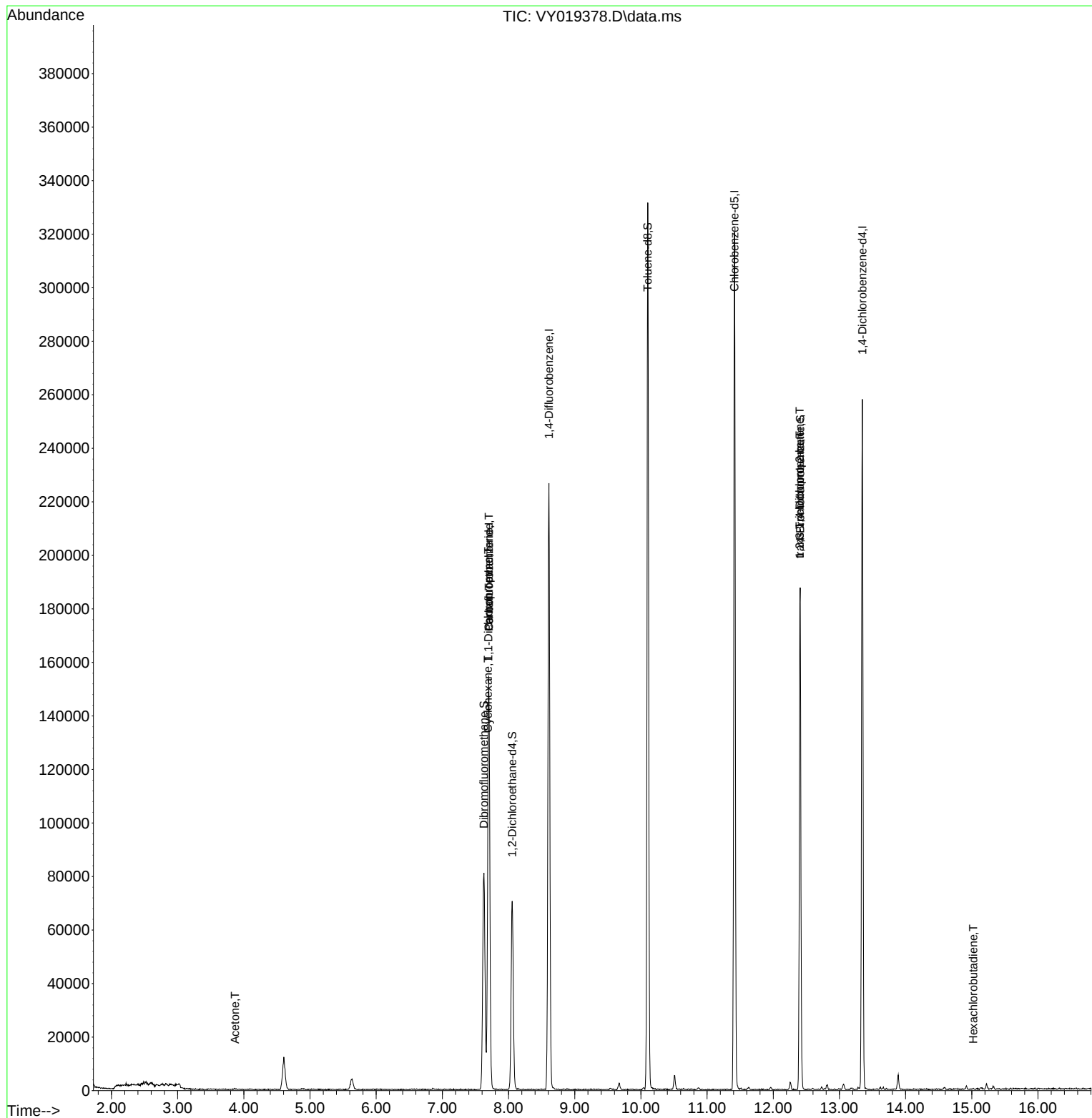
Internal Standards							
1) Pentafluorobenzene		7.701	168	120369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.609	114	196255	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.414	117	167348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.346	152	65451	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.055	65	57461	50.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%	
35) Dibromofluoromethane		7.628	113	57902	46.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%	
50) Toluene-d8		10.103	98	208179	45.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%	
62) 4-Bromofluorobenzene		12.407	95	55656	37.673	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.340%	
Target Compounds							
						Qvalue	
5) Bromomethane		2.586	94	368	Below Cal	#	28
16) Acetone		3.866	43	303	1.351	ug/l #	66
20) Methylene Chloride		4.604	84	8161	Below Cal		97
31) Cyclohexane		7.689	56	2320	1.197	ug/l #	45
36) 1,1-Dichloropropene		7.695	75	9305	5.307	ug/l #	48
38) Carbon Tetrachloride		7.701	117	12234	5.725	ug/l #	14
76) 1,2,3-Trichloropropane		12.401	75	29503	51.328	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.401	75	29503	126.990	ug/l #	16
94) Hexachlorobutadiene		15.023	225	95	3.629	ug/l	87

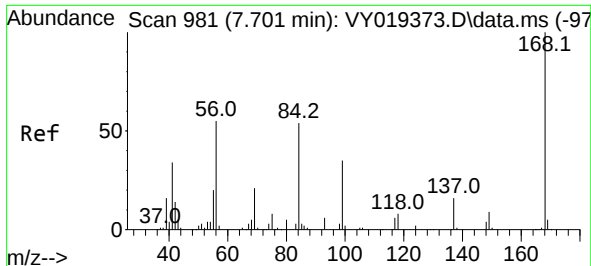
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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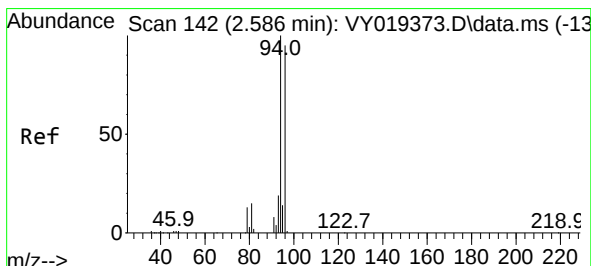
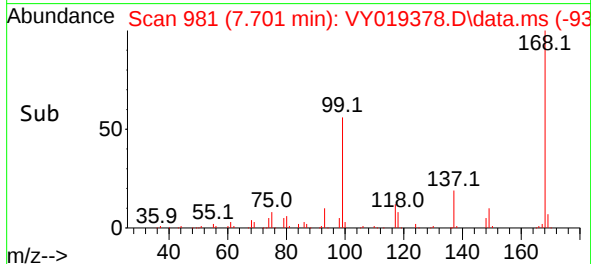
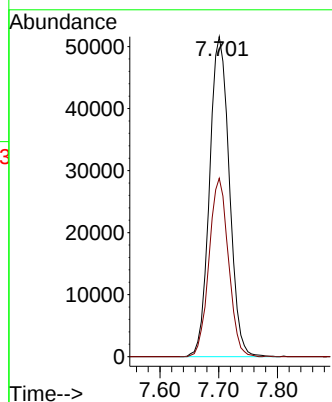
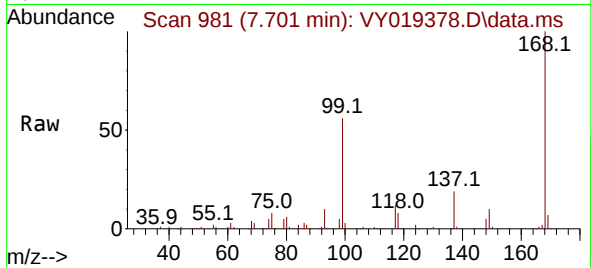




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

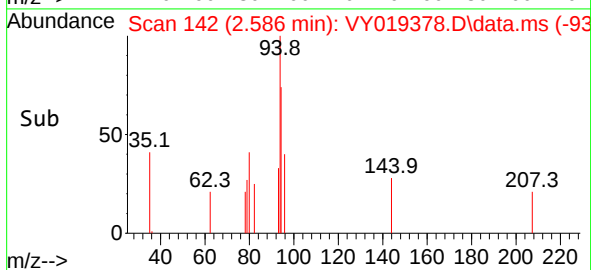
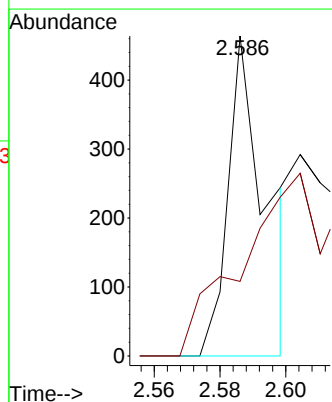
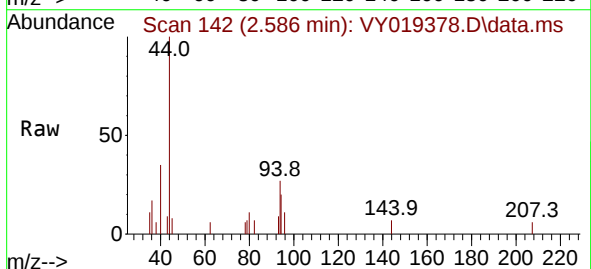
Instrument :
MSVOA_Y
ClientSampleId :

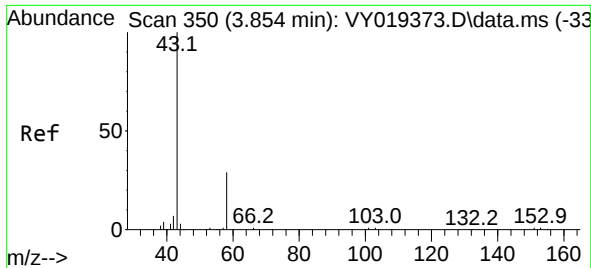
Tgt Ion:168 Resp: 120369
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 23.3 74.1 111.1#





#16

Acetone

Concen: 1.351 ug/l

RT: 3.866 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

Instrument :

MSVOA_Y

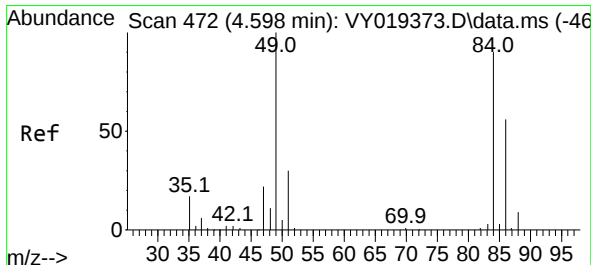
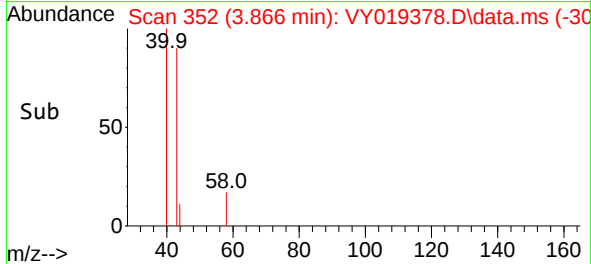
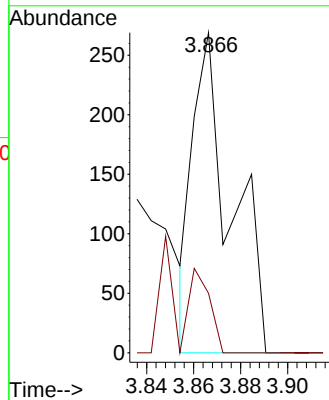
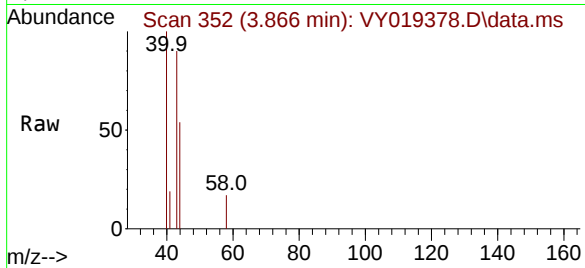
ClientSampleId :

Tgt Ion: 43 Resp: 303

Ion Ratio Lower Upper

43 100

58 18.6 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

Tgt Ion: 84 Resp: 8161

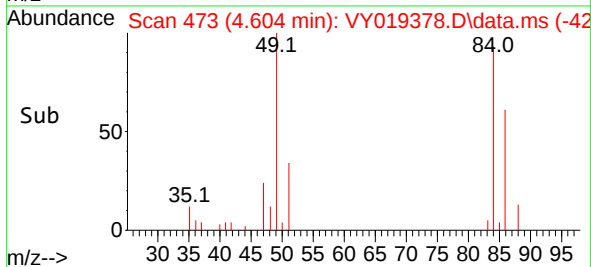
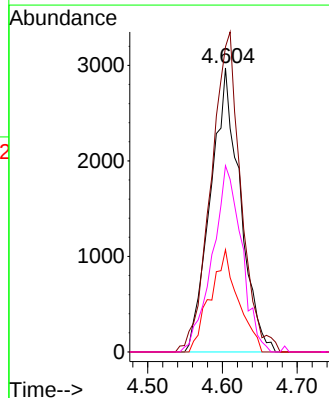
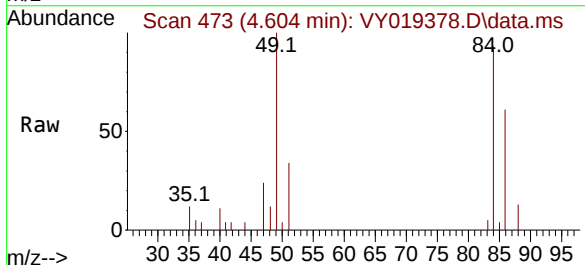
Ion Ratio Lower Upper

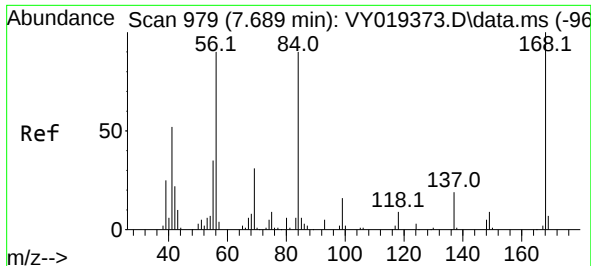
84 100

49 107.4 84.4 126.6

51 36.0 26.0 39.0

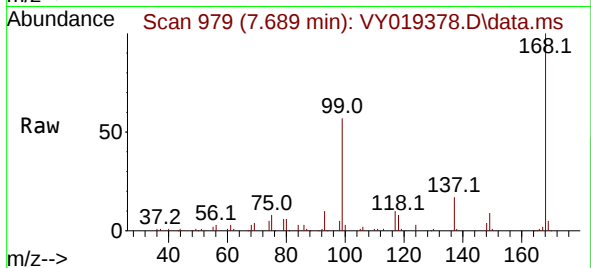
86 65.6 49.5 74.3



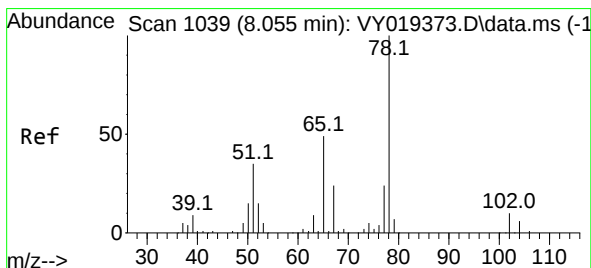
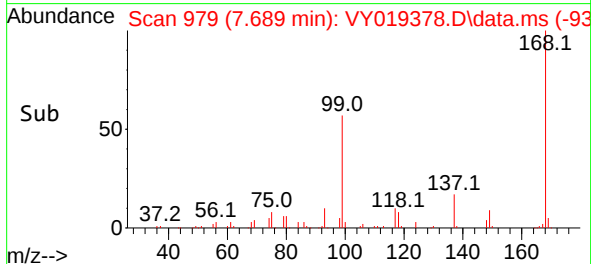
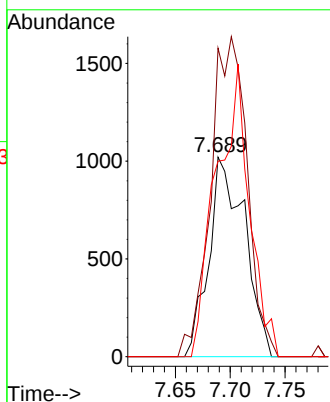


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Instrument :
MSVOA_Y
ClientSampleId :

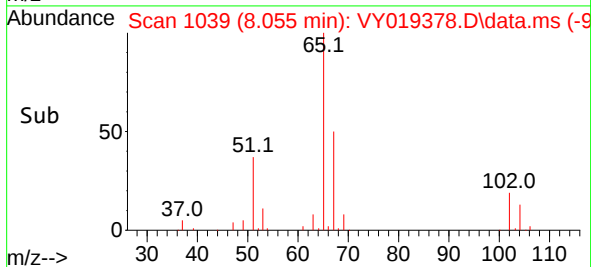
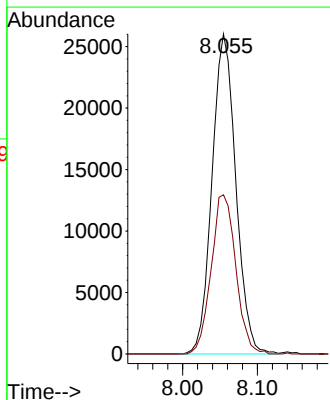
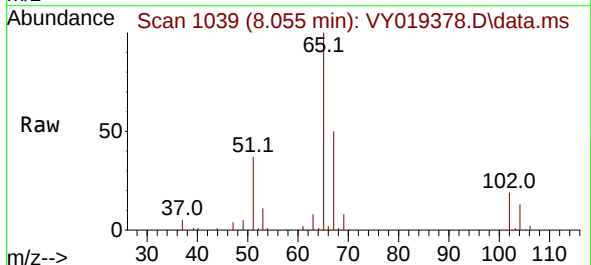


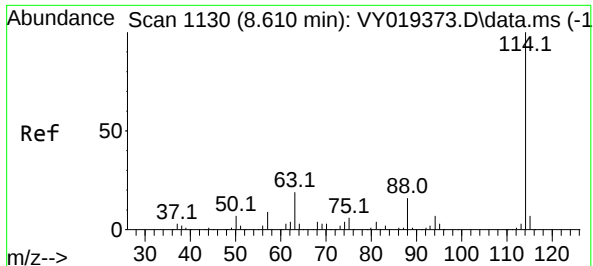
Tgt Ion: 56 Resp: 2320
Ion Ratio Lower Upper
56 100
69 154.6 28.7 43.1#
84 97.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.400 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion: 65 Resp: 57461
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

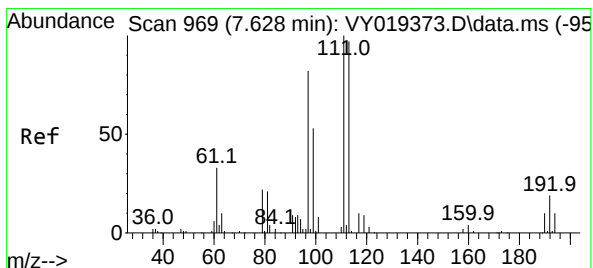
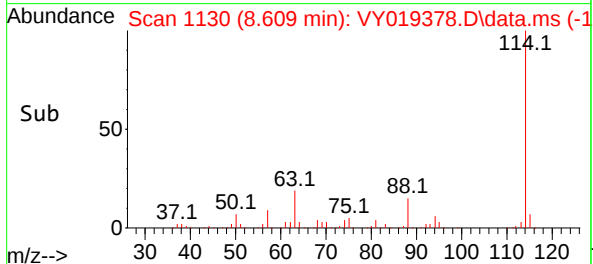
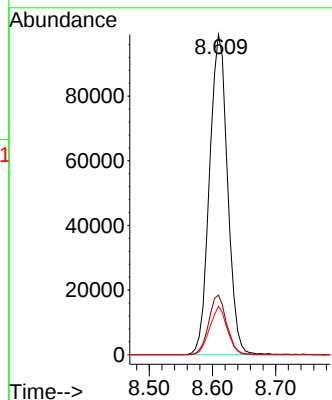
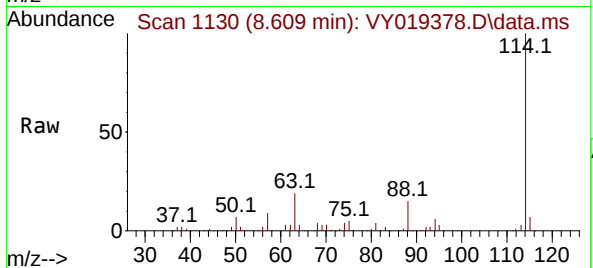
Tgt Ion:114 Resp: 196255

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.665 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019378.D

Acq: 29 Aug 2024 19:05

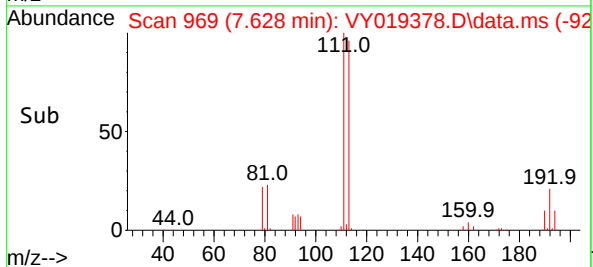
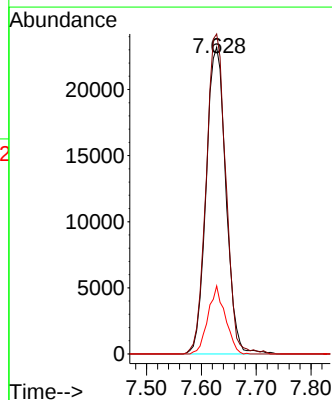
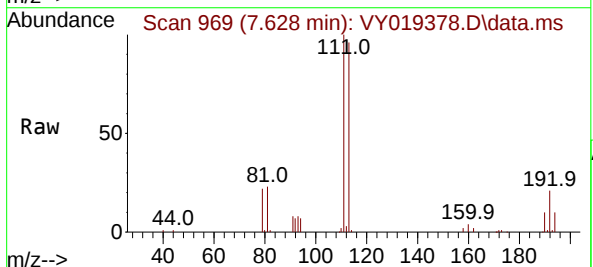
Tgt Ion:113 Resp: 57902

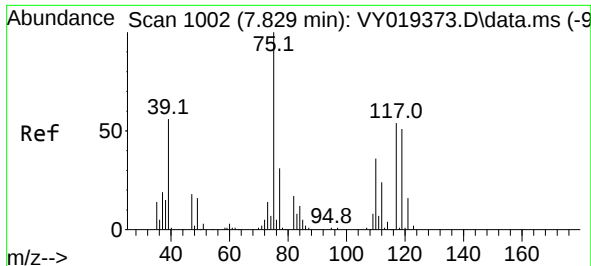
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

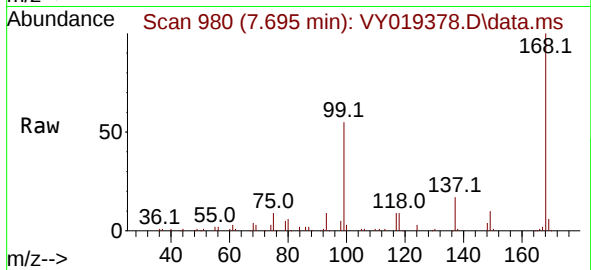
192 19.4 15.9 23.9



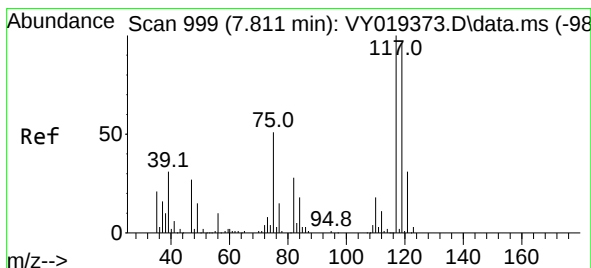
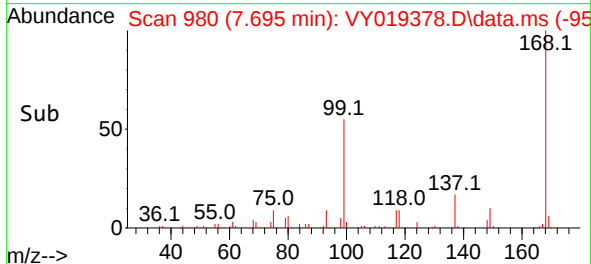
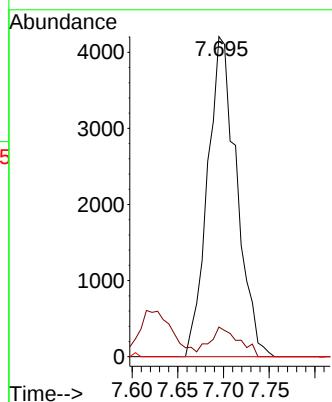


#36
 1,1-Dichloropropene
 Concen: 5.307 ug/l
 RT: 7.695 min Scan# 910
 Delta R.T. -0.134 min
 Lab File: VY019378.D
 Acq: 29 Aug 2024 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :

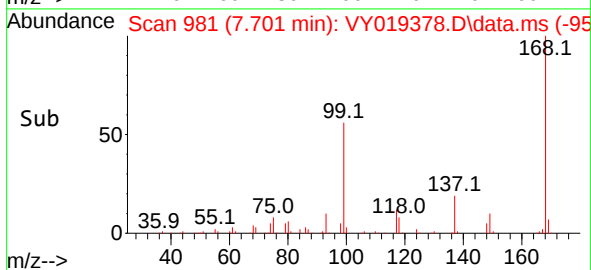
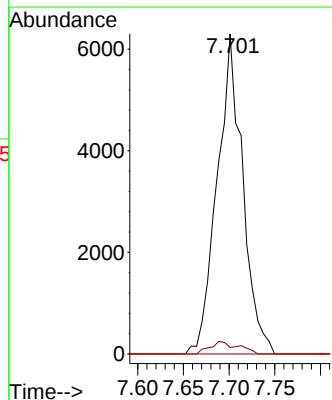
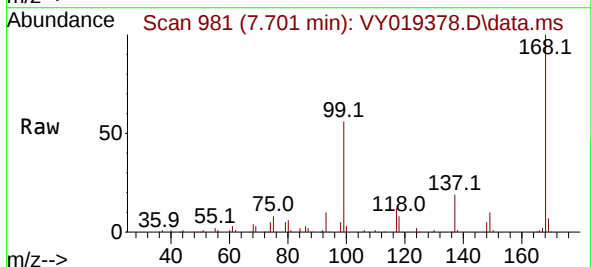


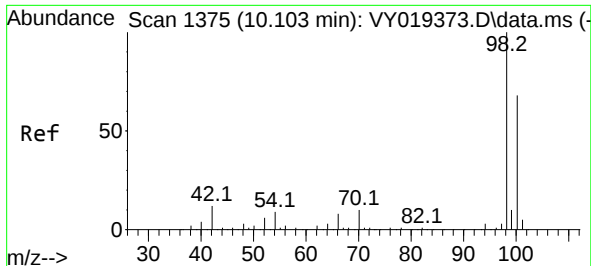
Tgt Ion: 75 Resp: 9305
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.725 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY019378.D
 Acq: 29 Aug 2024 19:05

Tgt Ion: 117 Resp: 12234
 Ion Ratio Lower Upper
 117 100
 119 2.0 75.8 113.6#
 121 0.0 24.0 36.0#

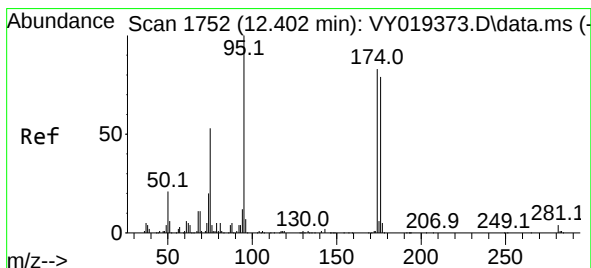
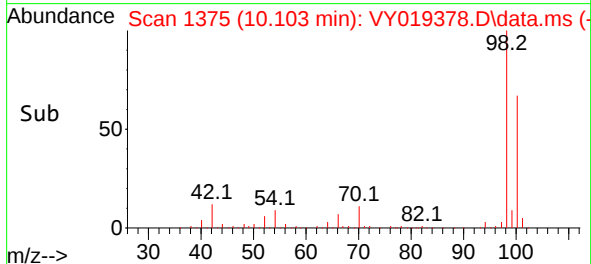
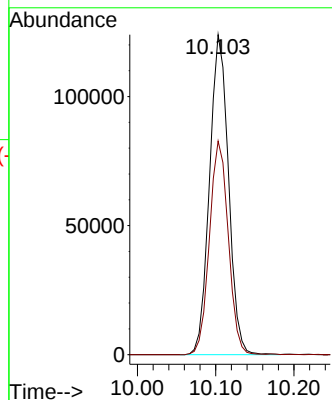
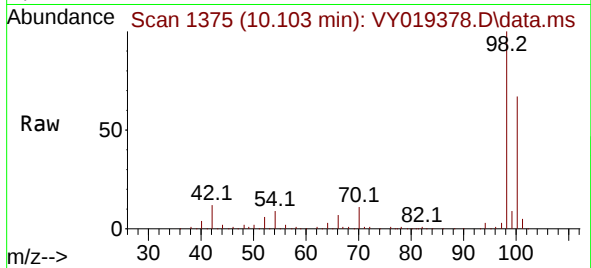




#50
Toluene-d8
Concen: 45.577 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

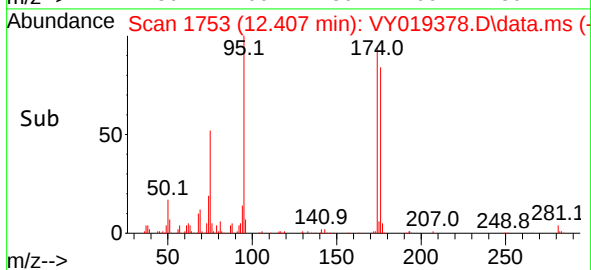
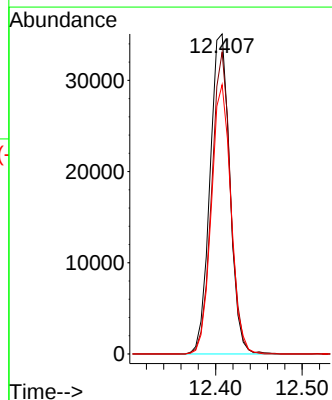
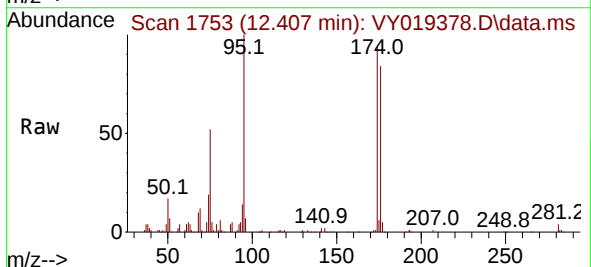
Instrument :
MSVOA_Y
ClientSampleId :

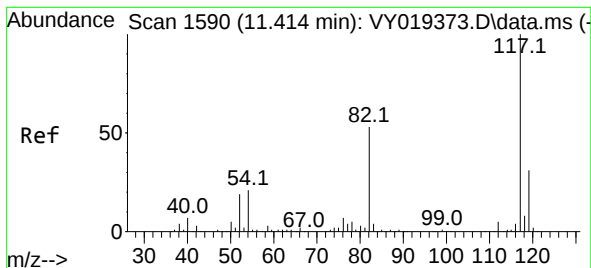
Tgt Ion: 98 Resp: 208179
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.673 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

Tgt Ion: 95 Resp: 55656
Ion Ratio Lower Upper
95 100
174 90.1 0.0 175.6
176 83.4 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: VY019378.D

Acq: 29 Aug 2024 19:05

Instrument :

MSVOA_Y

ClientSampleId :

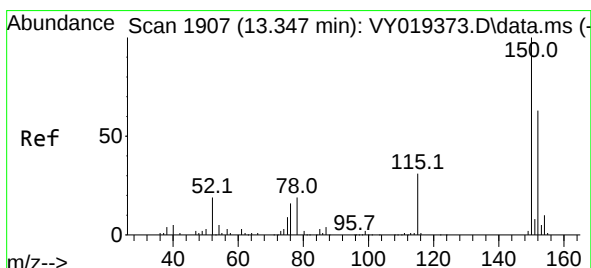
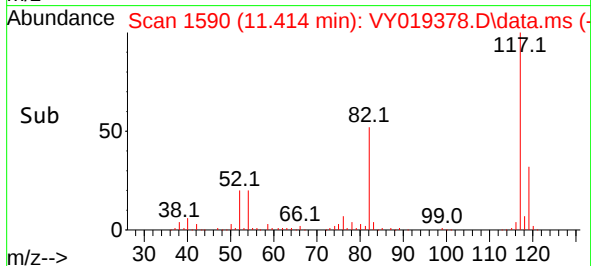
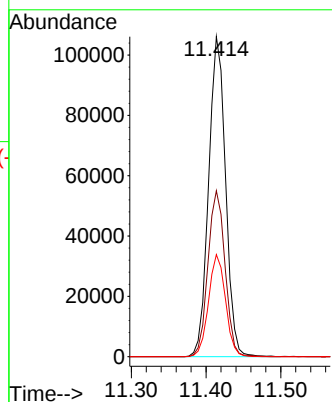
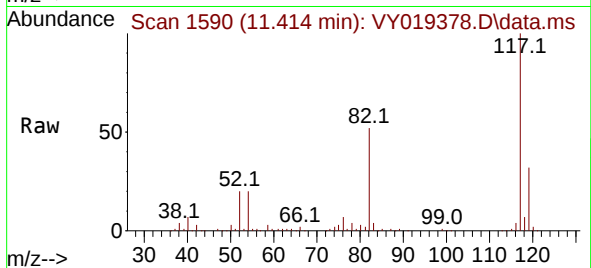
Tgt Ion:117 Resp: 167348

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 31.9 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: VY019378.D

Acq: 29 Aug 2024 19:05

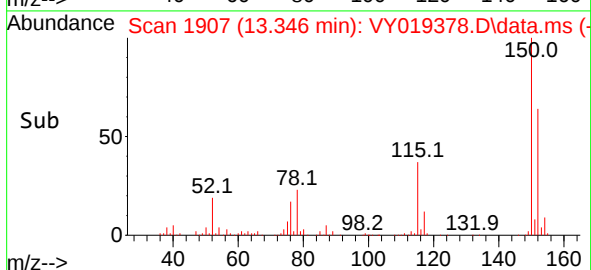
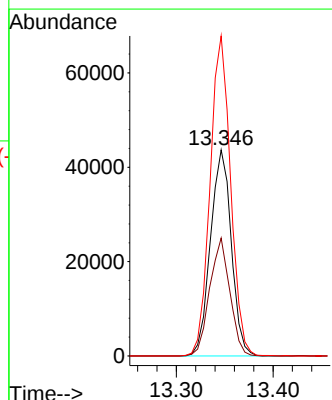
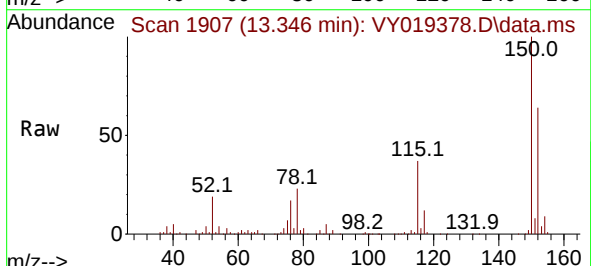
Tgt Ion:152 Resp: 65451

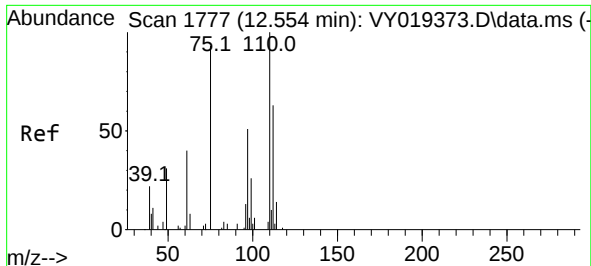
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 152.7 0.0 345.6

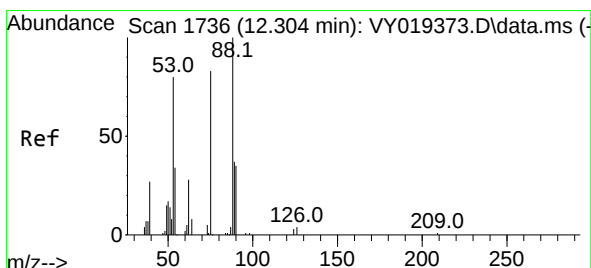
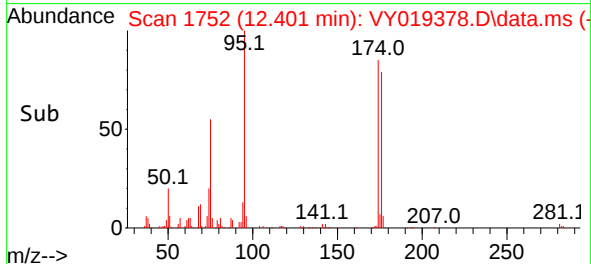
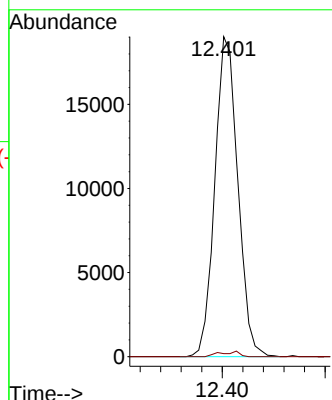
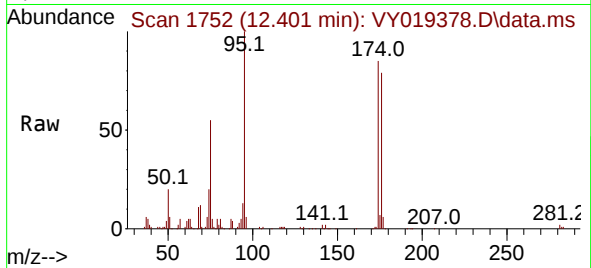




#76
1,2,3-Trichloropropane
Concen: 51.328 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

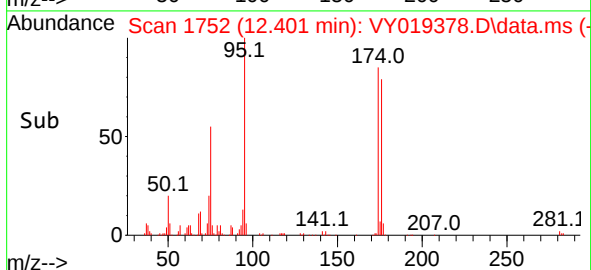
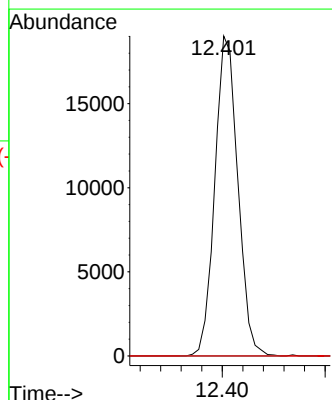
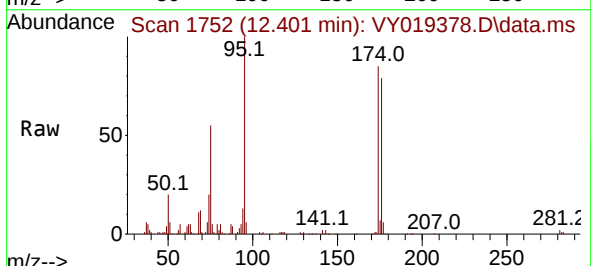
Instrument :
MSVOA_Y
ClientSampleId :

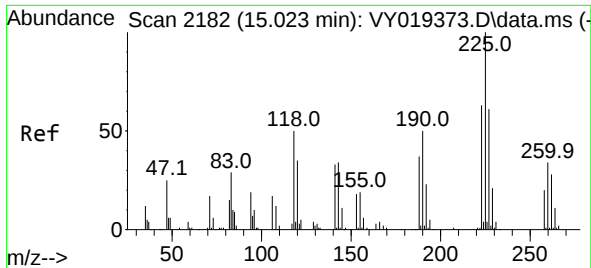
Tgt Ion: 75 Resp: 29503
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.990 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY019378.D
Acq: 29 Aug 2024 19:05

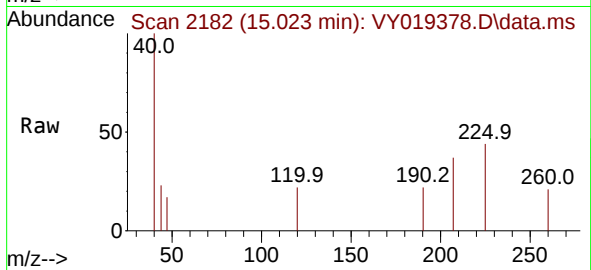
Tgt Ion: 75 Resp: 29503
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#94
 Hexachlorobutadiene
 Concen: 3.629 ug/l
 RT: 15.023 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY019378.D
 Acq: 29 Aug 2024 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	225	Resp:	95
Ion	Ratio	Lower	Upper
225	100		
223	54.7	30.4	91.2
227	49.5	31.9	95.9

