

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019175.D
 Acq On : 21 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3643-01
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:16:25 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)

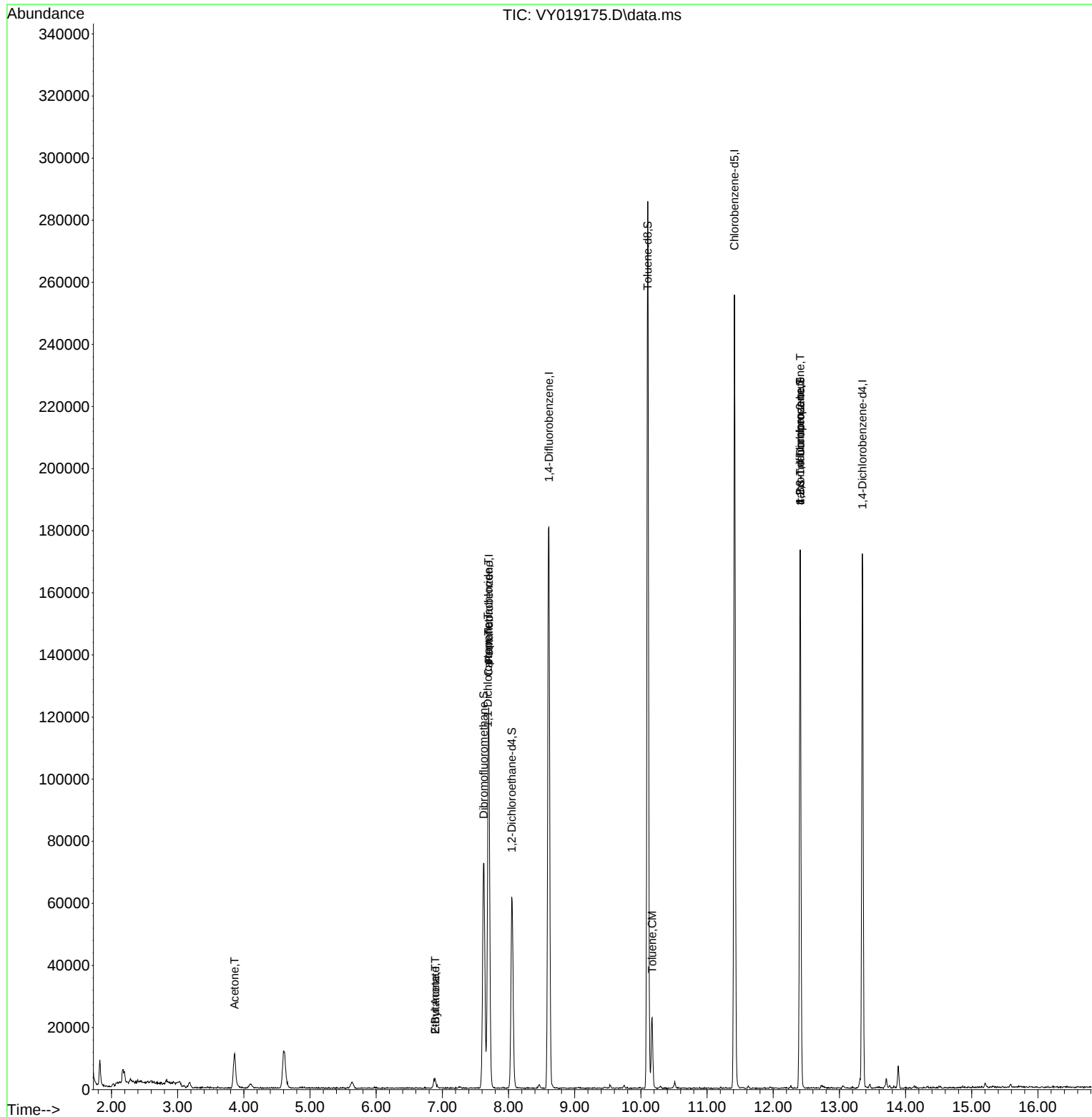
Internal Standards						
1) Pentafluorobenzene	7.701	168	96325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	164649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	132209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	43129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49331	51.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.180%	
35) Dibromofluoromethane	7.622	113	52501	48.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.540%	
50) Toluene-d8	10.103	98	182848	47.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.408	95	50677	38.371	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 76.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	245	Below Cal	#	45
6) Chloroethane	2.745	64	21	Below Cal	#	42
16) Acetone	3.860	43	17961	100.301	ug/l	93
20) Methylene Chloride	4.610	84	9470	Below Cal		95
25) 2-Butanone	6.890	43	5596	19.404	ug/l #	82
31) Cyclohexane	7.701	56	1927	Below Cal	#	17
36) 1,1-Dichloropropene	7.689	75	7482	5.061	ug/l #	49
37) Ethyl Acetate	6.890	43	5596	8.544	ug/l #	67
38) Carbon Tetrachloride	7.695	117	9880	5.767	ug/l #	17
52) Toluene	10.170	92	9177	3.083	ug/l	98
76) 1,2,3-Trichloropropane	12.408	75	27038	63.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	27038	156.995	ug/l #	16

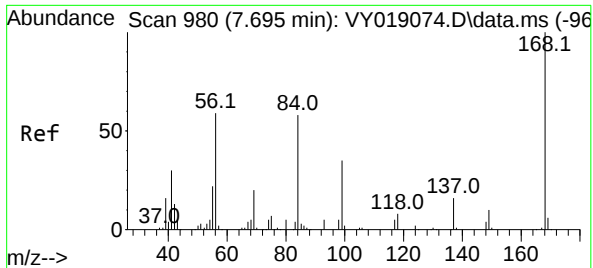
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019175.D
Acq On : 21 Aug 2024 17:30
Operator : SY/MD
Sample : P3643-01
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 22 01:16:25 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

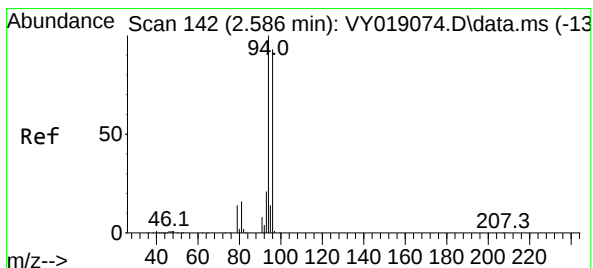
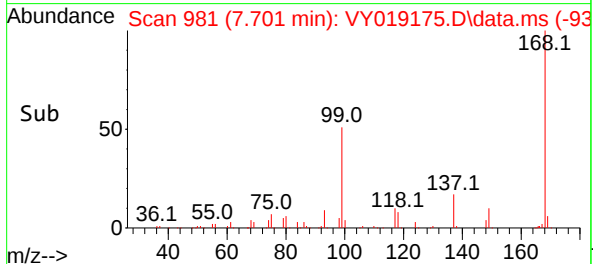
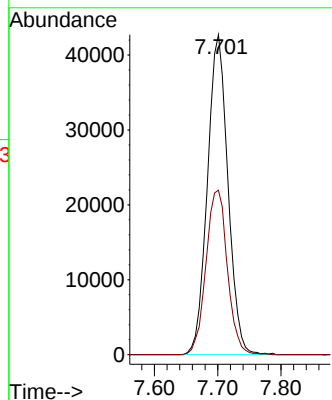
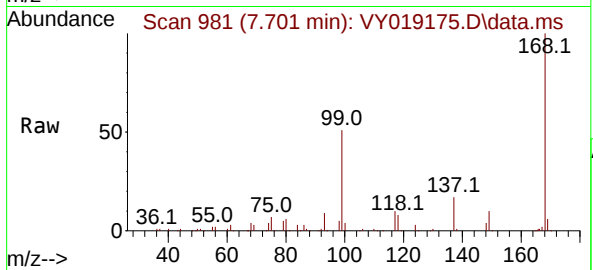




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

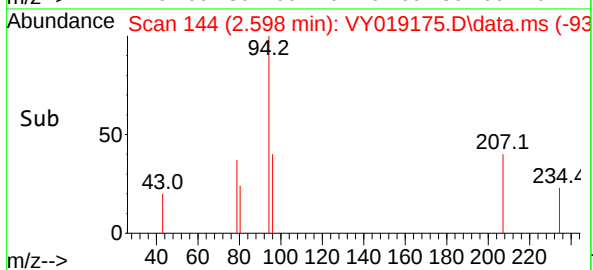
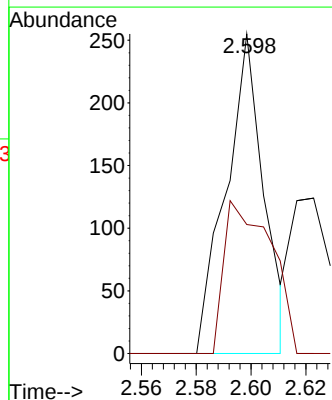
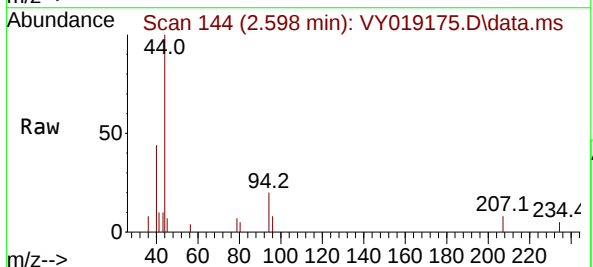
Instrument :
MSVOA_Y
ClientSampleId :

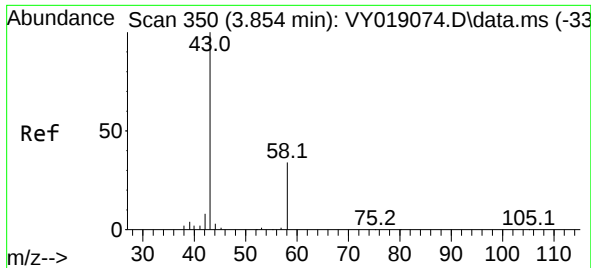
Tgt Ion:168 Resp: 96325
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 40.4 74.1 111.1#





#16

Acetone

Concen: 100.301 ug/l

RT: 3.860 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

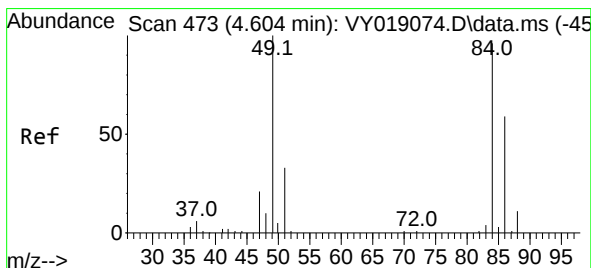
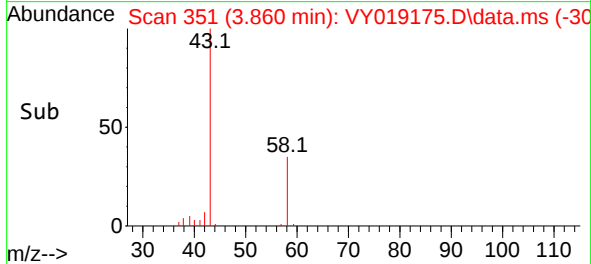
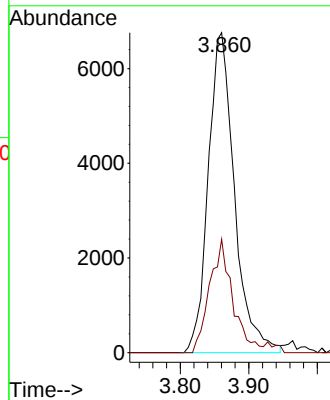
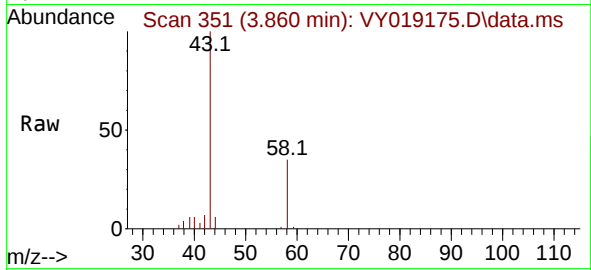
ClientSampleId :

Tgt Ion: 43 Resp: 17961

Ion Ratio Lower Upper

43 100

58 35.4 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Tgt Ion: 84 Resp: 9470

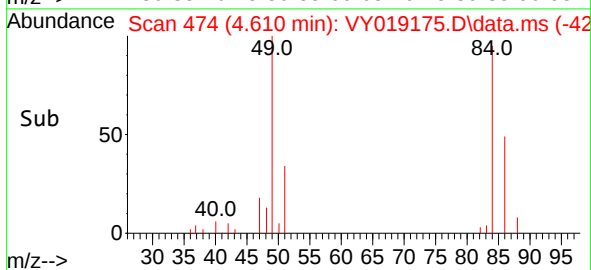
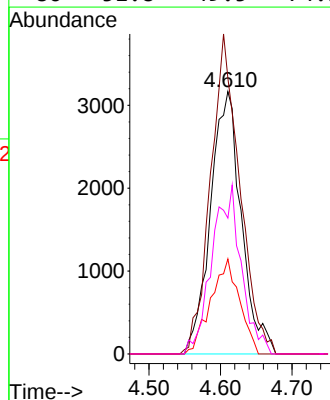
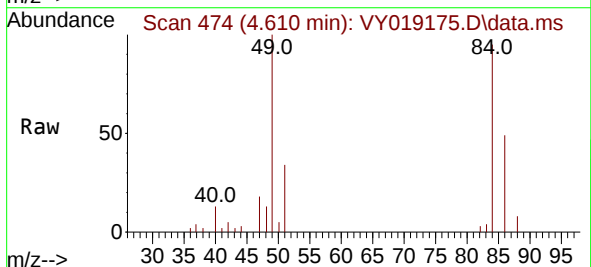
Ion Ratio Lower Upper

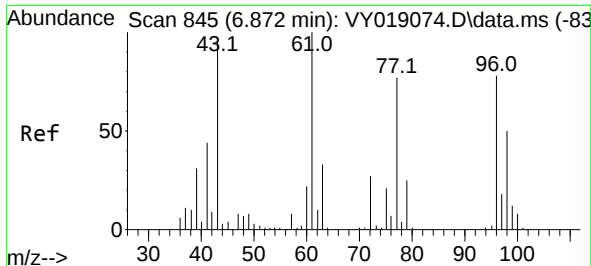
84 100

49 105.1 84.4 126.6

51 36.2 26.0 39.0

86 51.8 49.5 74.3





#25

2-Butanone

Concen: 19.404 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

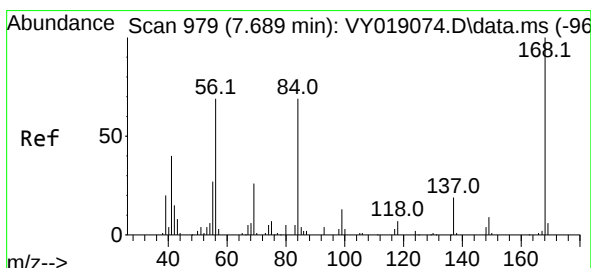
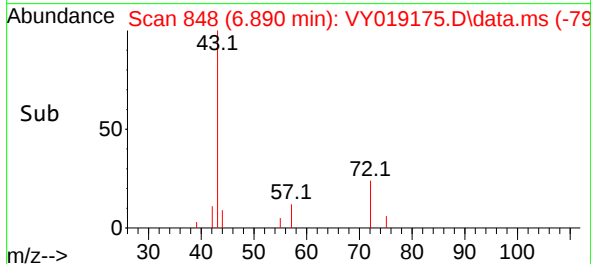
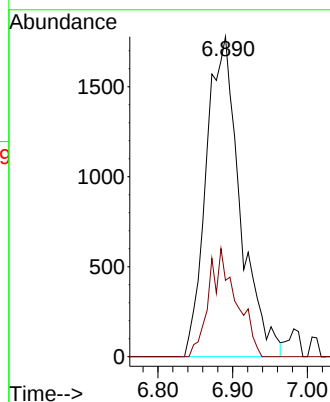
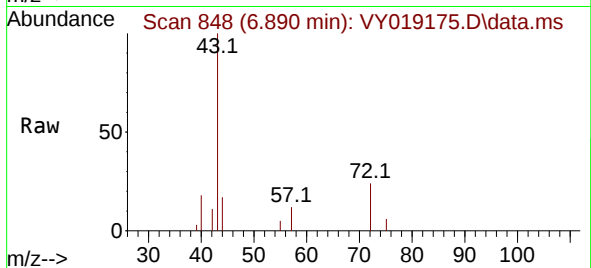
ClientSampleId :

Tgt Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

72 23.8 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

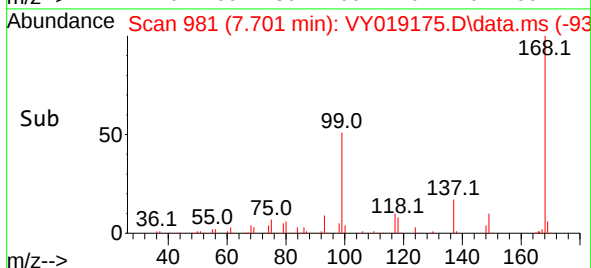
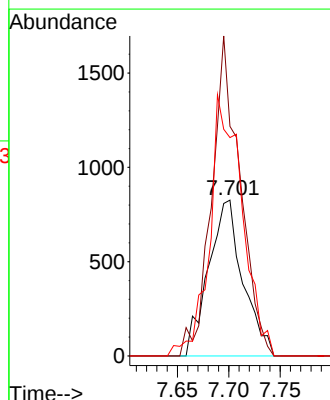
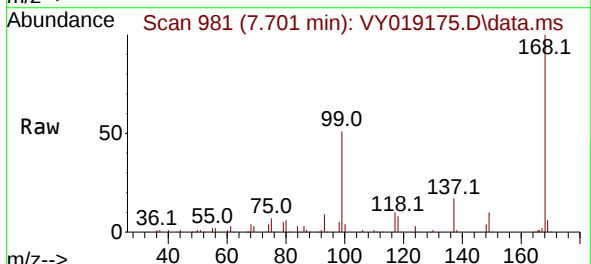
Tgt Ion: 56 Resp: 1927

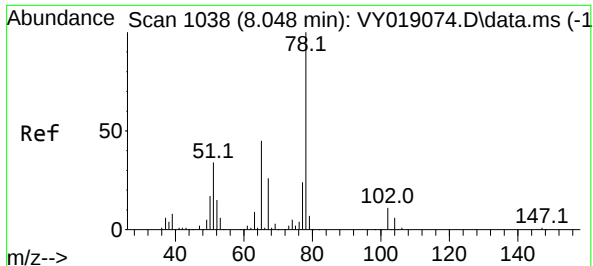
Ion Ratio Lower Upper

56 100

69 147.5 28.7 43.1#

84 140.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.089 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

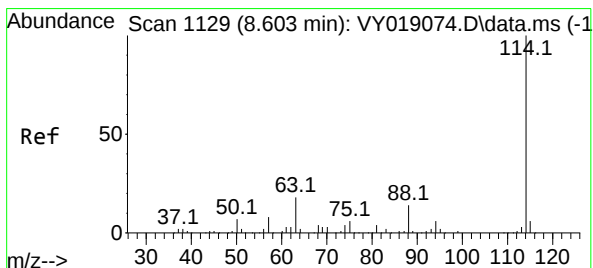
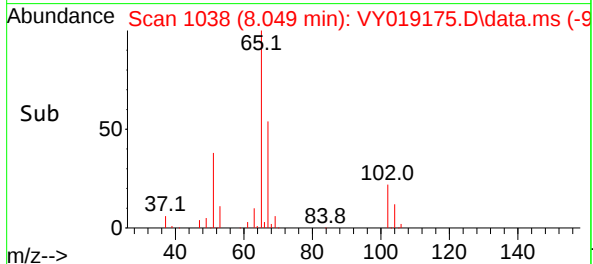
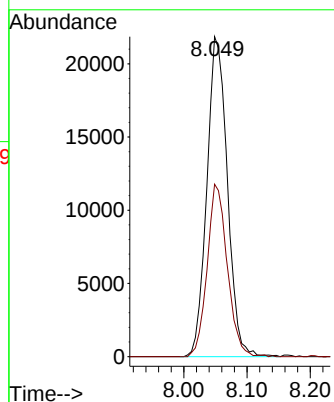
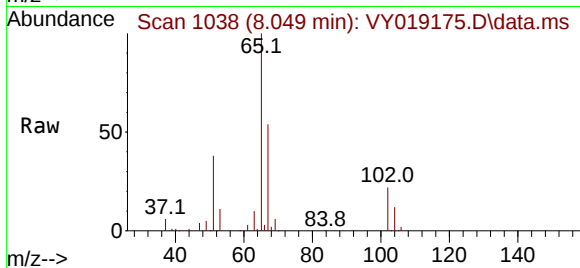
ClientSampleId :

Tgt Ion: 65 Resp: 49331

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

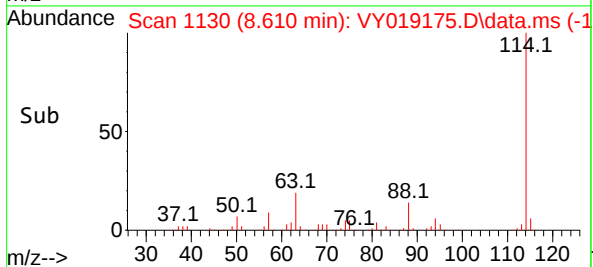
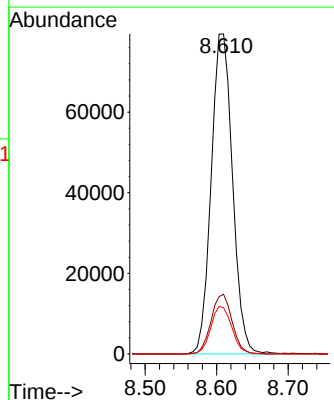
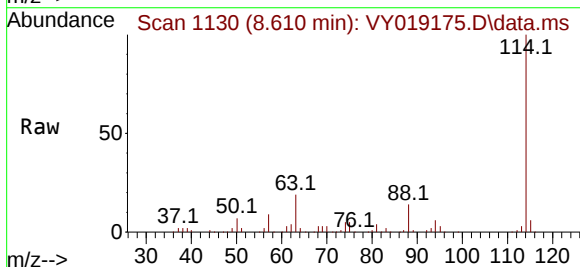
Tgt Ion: 114 Resp: 164649

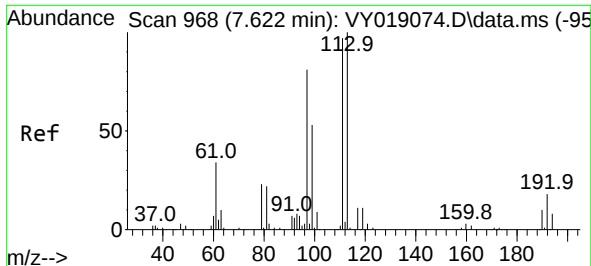
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.5 0.0 27.2

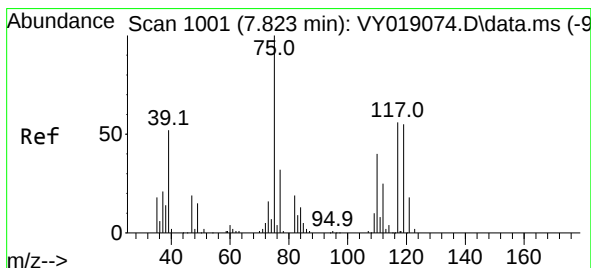
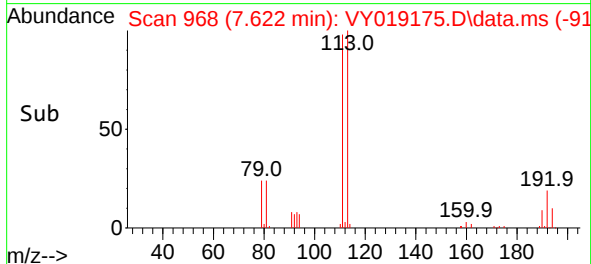
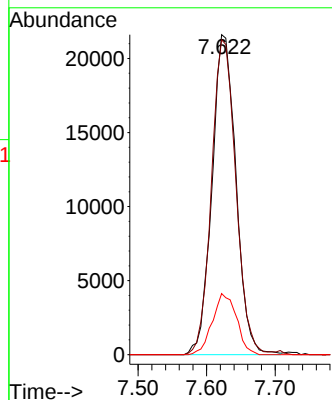
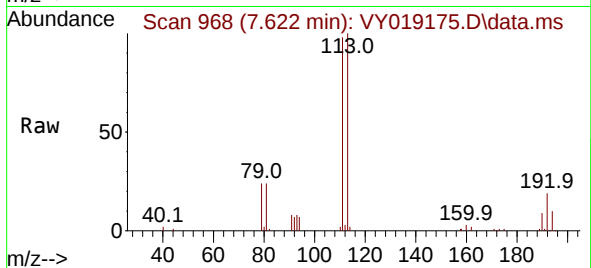




#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 7.622 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

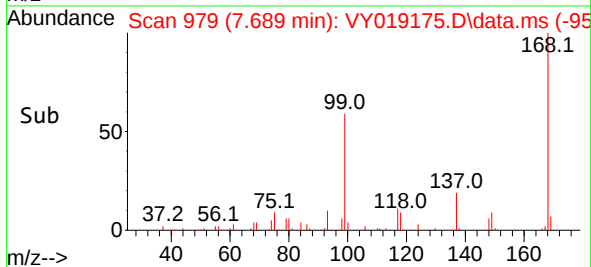
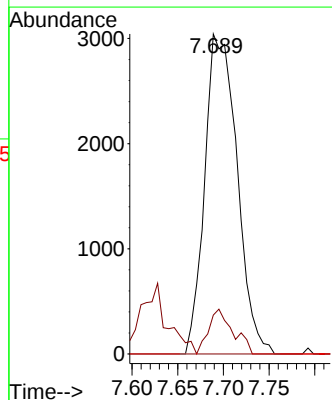
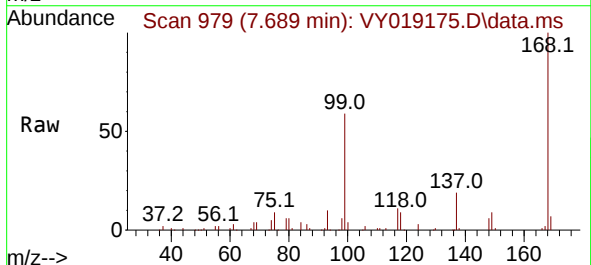
Instrument :
MSVOA_Y
ClientSampleId :

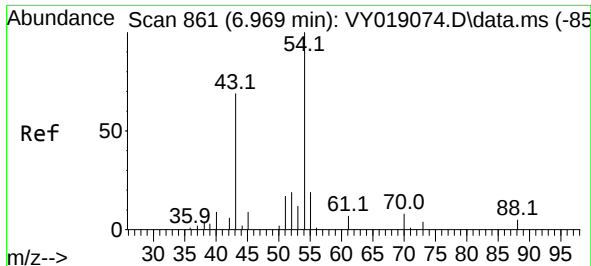
Tgt Ion:113 Resp: 52501
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 7.689 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

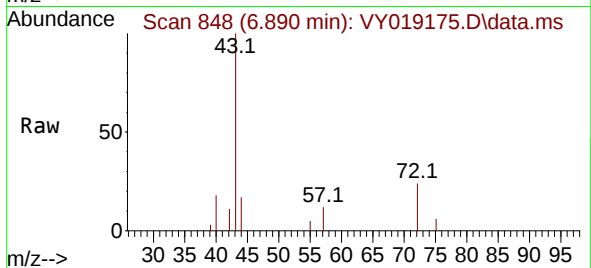
Tgt Ion: 75 Resp: 7482
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.0 25.3 37.9#



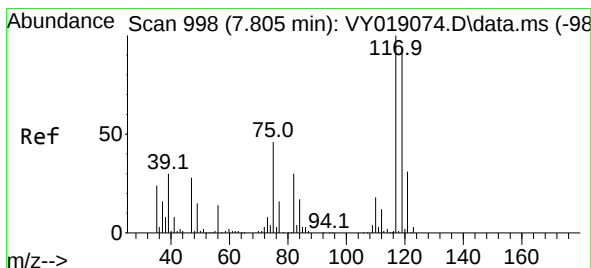
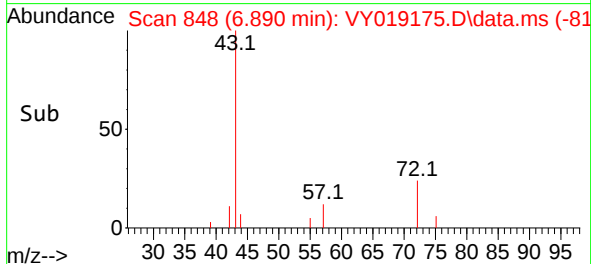
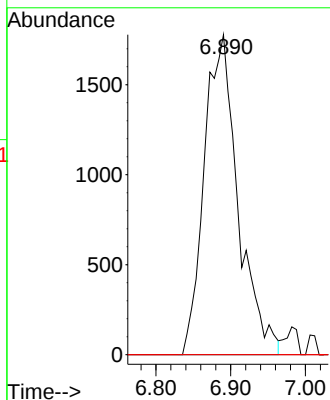


#37
Ethyl Acetate
Concen: 8.544 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.079 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :

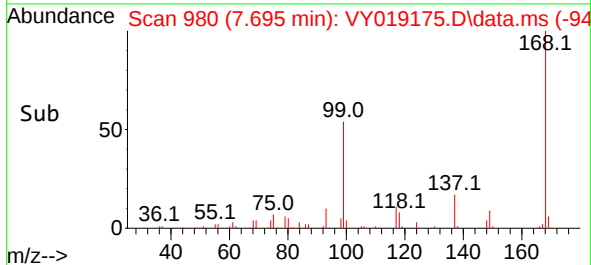
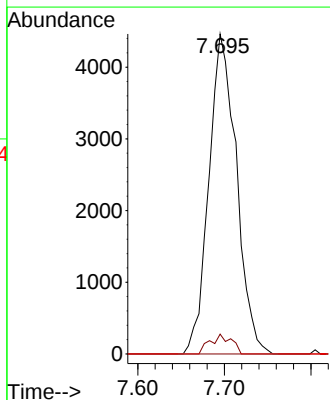
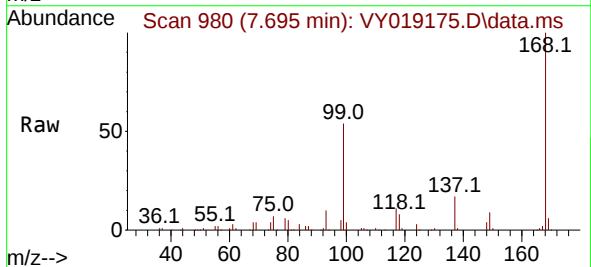


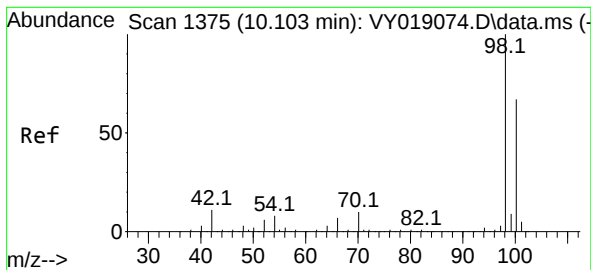
Tgt Ion: 43 Resp: 5596
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.767 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Tgt Ion: 117 Resp: 9880
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.196 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

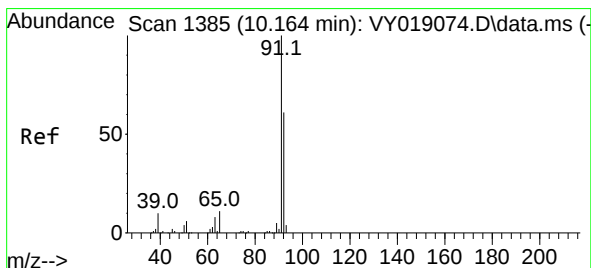
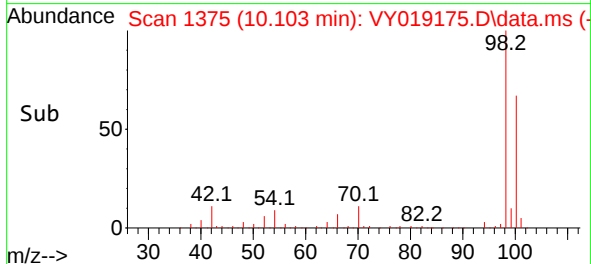
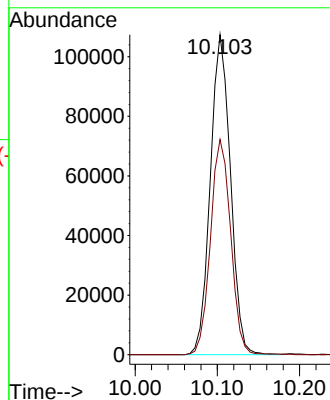
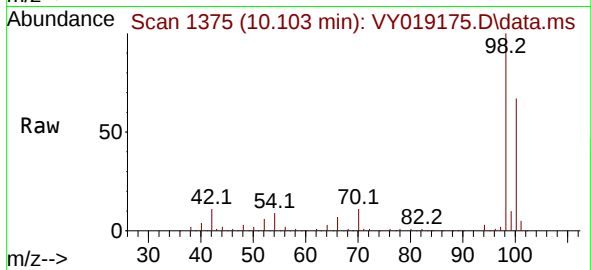
ClientSampleId :

Tgt Ion: 98 Resp: 182848

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0



#52

Toluene

Concen: 3.083 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019175.D

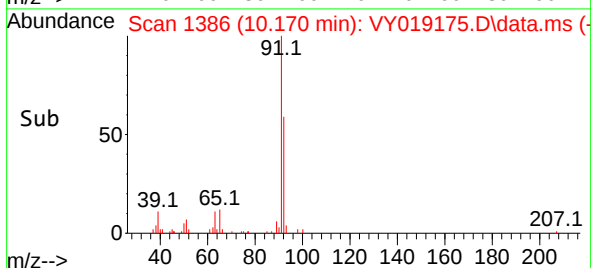
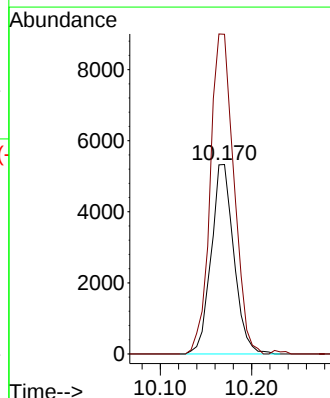
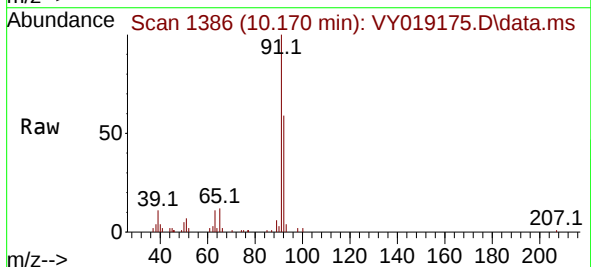
Acq: 21 Aug 2024 17:30

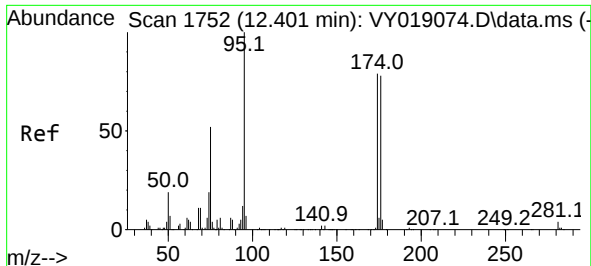
Tgt Ion: 92 Resp: 9177

Ion Ratio Lower Upper

92 100

91 176.2 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 38.371 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

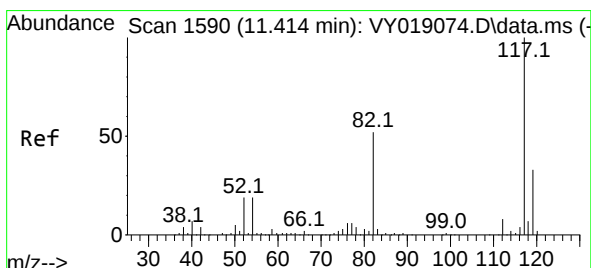
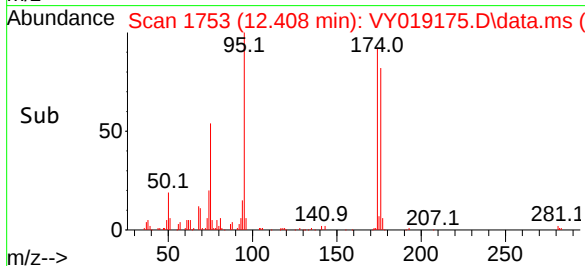
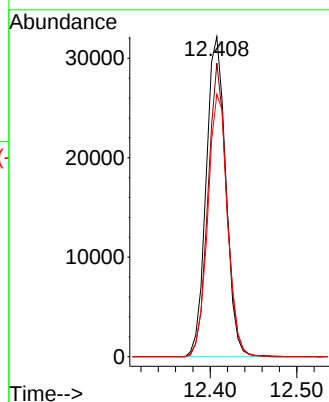
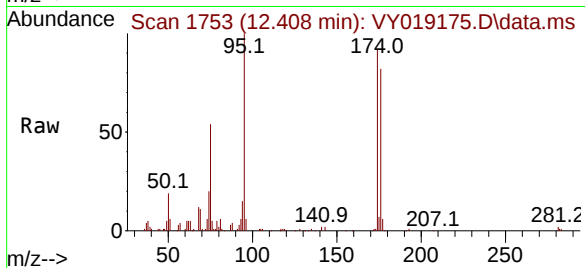
Tgt Ion: 95 Resp: 50677

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 82.5 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: VY019175.D

Acq: 21 Aug 2024 17:30

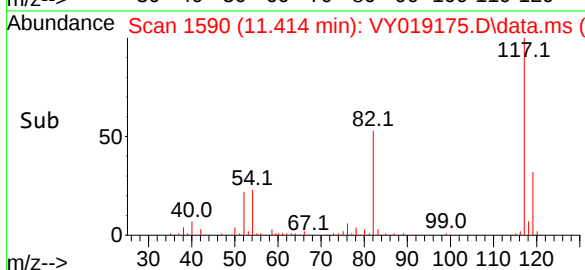
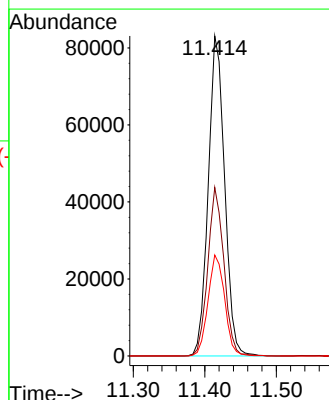
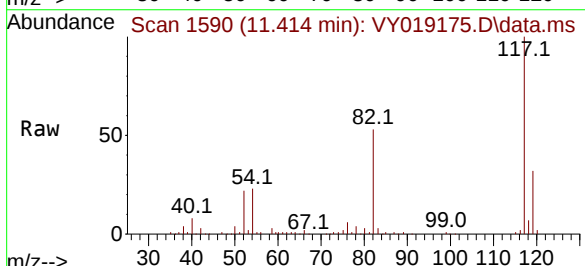
Tgt Ion: 117 Resp: 132209

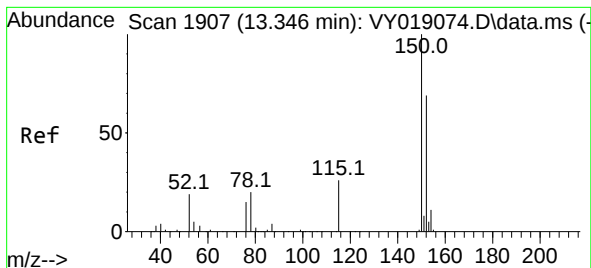
Ion Ratio Lower Upper

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: VY019175.D

Acq: 21 Aug 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

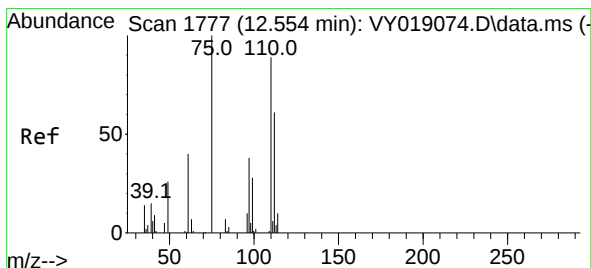
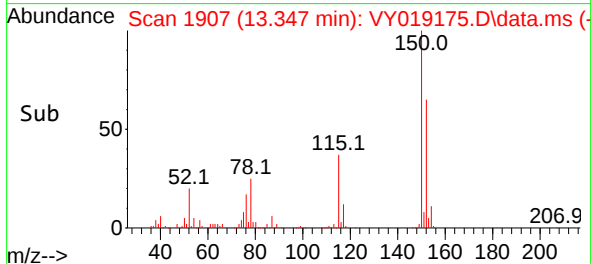
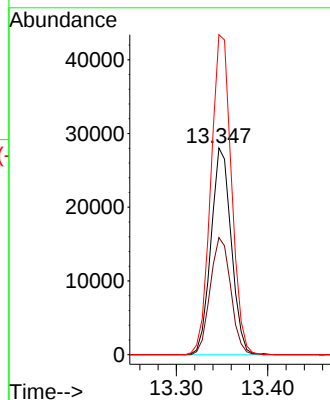
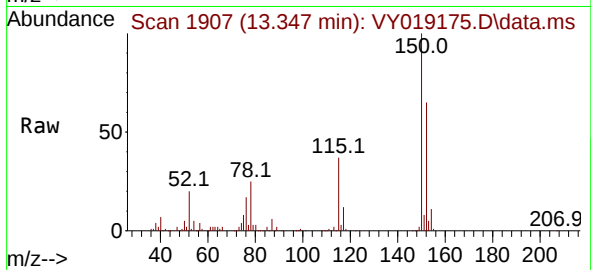
Tgt Ion:152 Resp: 43129

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.569 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019175.D

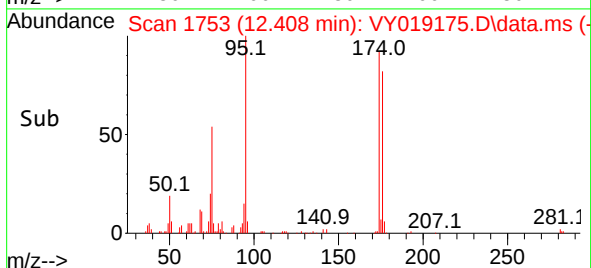
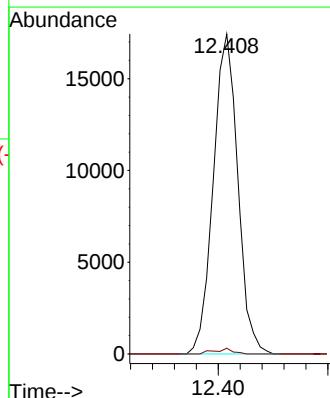
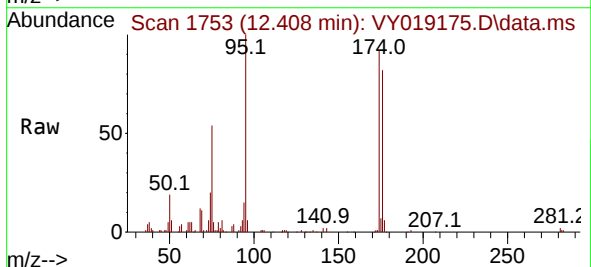
Acq: 21 Aug 2024 17:30

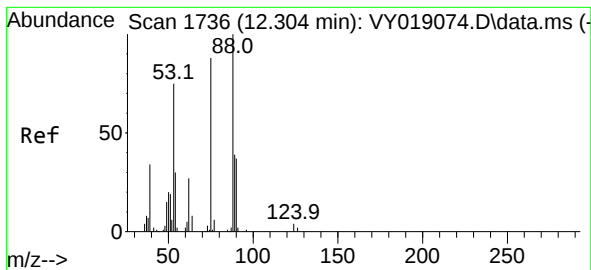
Tgt Ion: 75 Resp: 27038

Ion Ratio Lower Upper

75 100

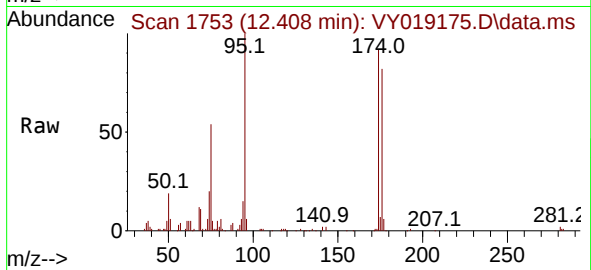
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 156.995 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019175.D
Acq: 21 Aug 2024 17:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 27038
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

