

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019330.D
 Acq On : 28 Aug 2024 15:11
 Operator : SY/MD
 Sample : P3660-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:34:41 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)

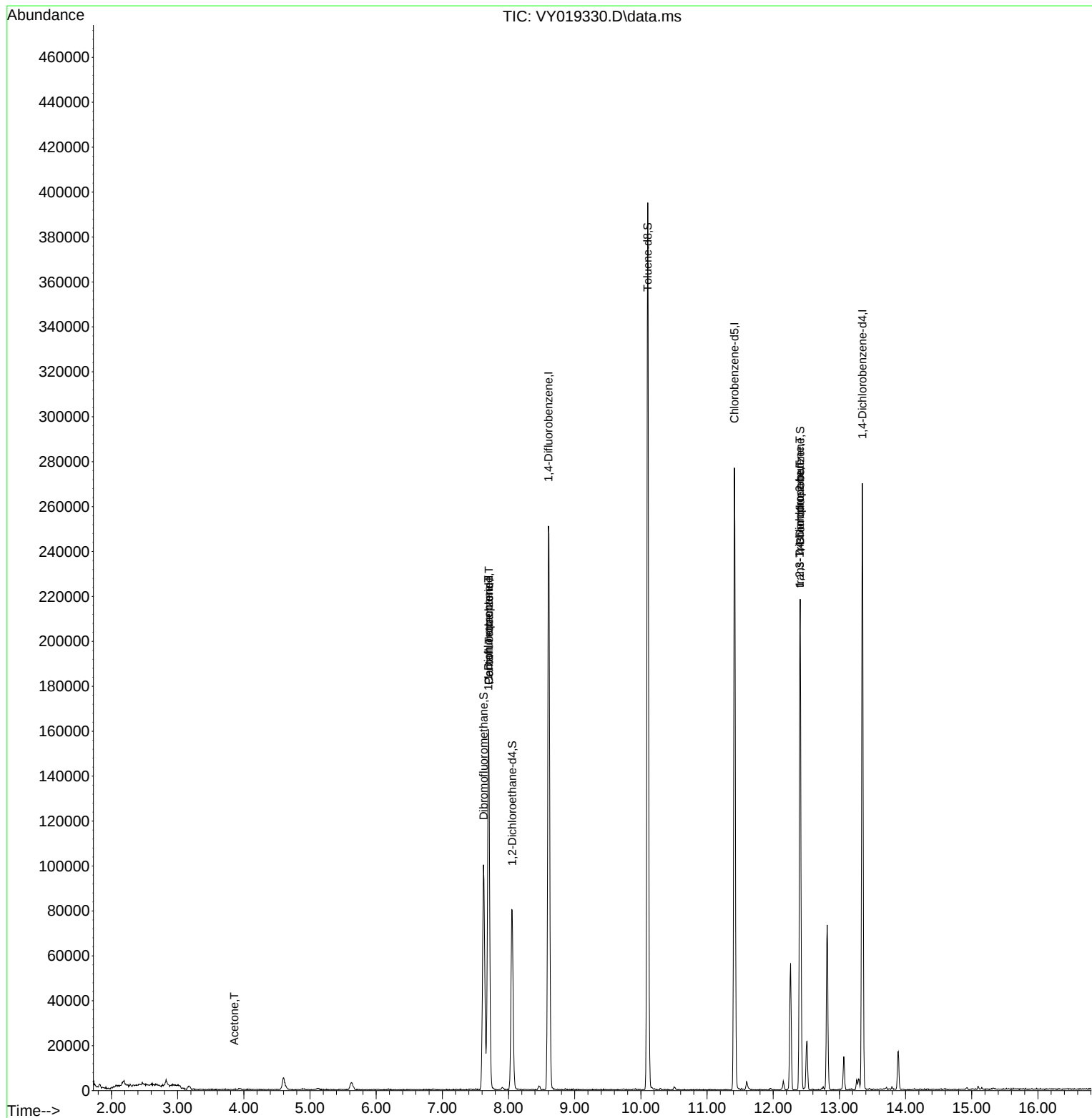
Internal Standards						
1) Pentafluorobenzene	7.701	168	125066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	219161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	150717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	65856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	66228	52.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.622	113	68663	47.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.103	98	249945	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.408	95	62730	35.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.360%	
Target Compounds						Qvalue
5) Bromomethane	2.605	94	333	Below Cal	99	
6) Chloroethane	2.763	64	25	Below Cal	#	42
16) Acetone	3.854	43	254	1.092 ug/l	#	36
20) Methylene Chloride	4.598	84	3572	Below Cal	95	
31) Cyclohexane	7.701	56	2961	Below Cal	#	25
36) 1,1-Dichloropropene	7.695	75	9373	4.763 ug/l	#	49
38) Carbon Tetrachloride	7.701	117	12074	5.295 ug/l	#	17
76) 1,2,3-Trichloropropane	12.402	75	33178	51.086 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.402	75	33178	126.164 ug/l	#	16

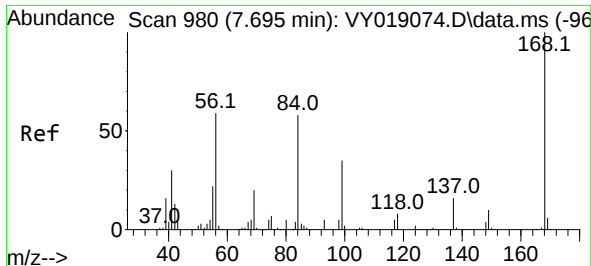
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
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Quant Title : SW846 8260
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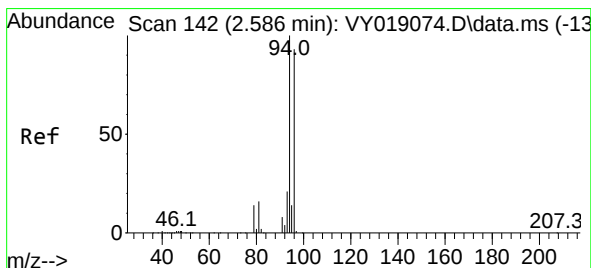
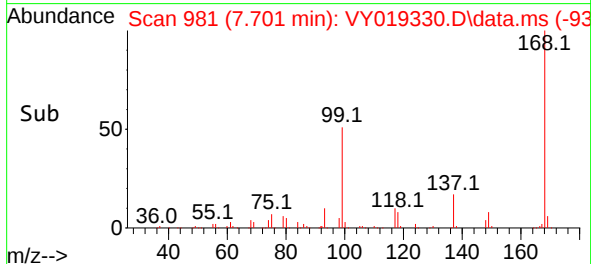
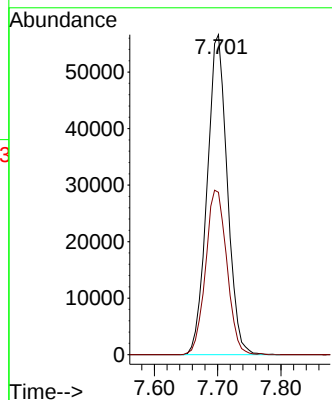
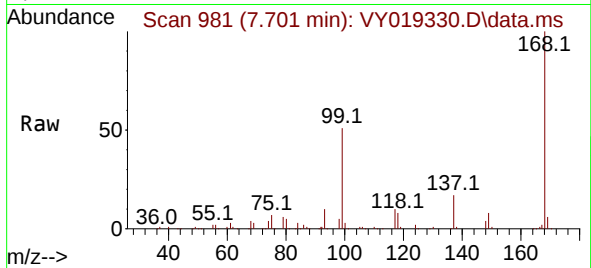




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

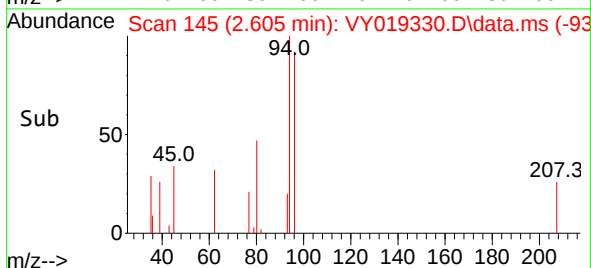
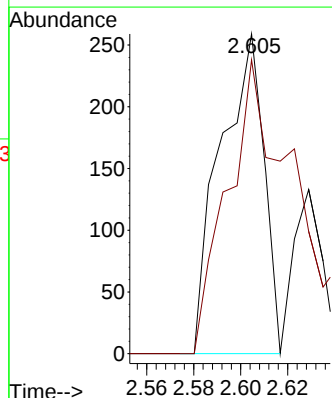
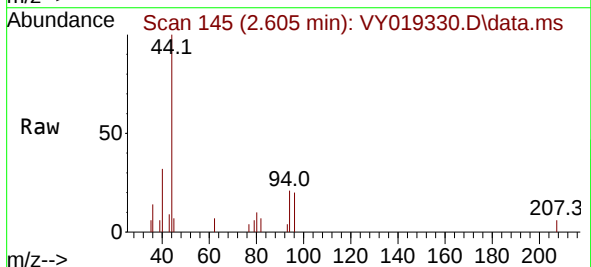
Instrument :
MSVOA_Y
ClientSampleId :

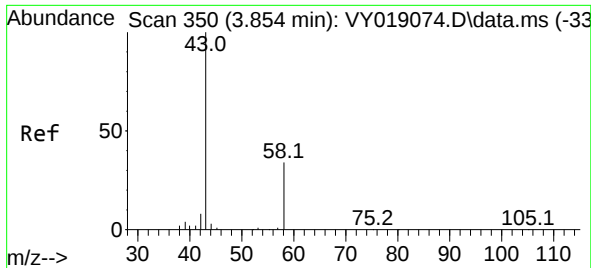
Tgt Ion:168 Resp: 125066
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1





#16

Acetone

Concen: 1.092 ug/l

RT: 3.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

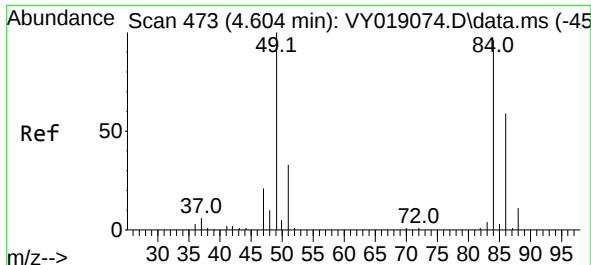
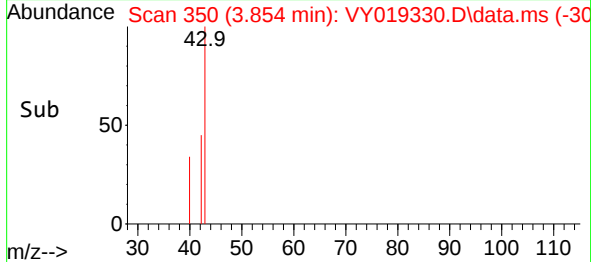
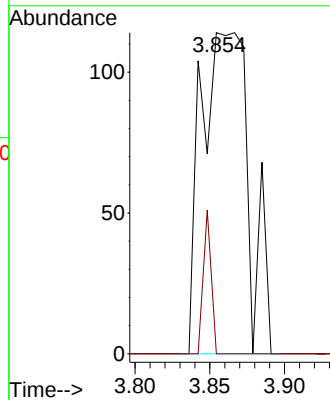
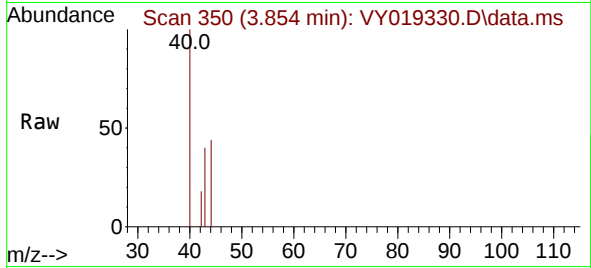
ClientSampleId :

Tgt Ion: 43 Resp: 254

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Tgt Ion: 84 Resp: 3572

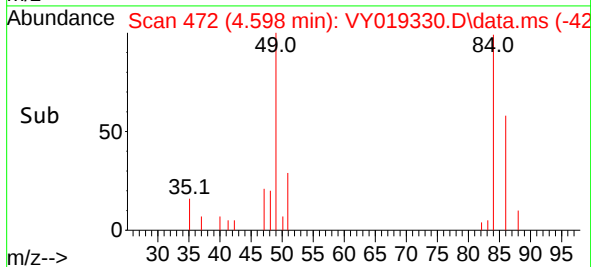
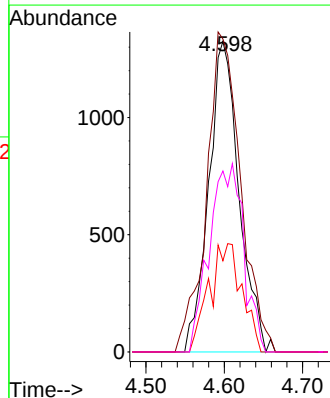
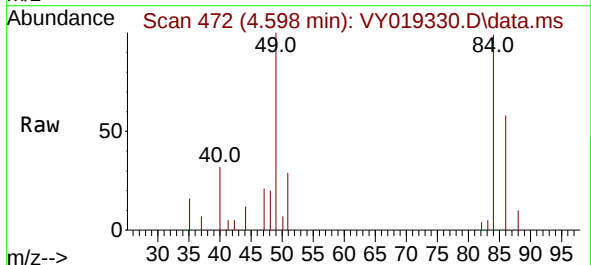
Ion Ratio Lower Upper

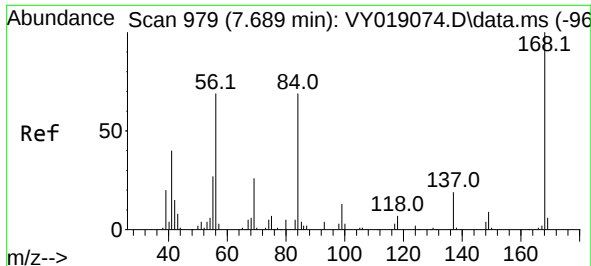
84 100

49 100.8 84.4 126.6

51 29.4 26.0 39.0

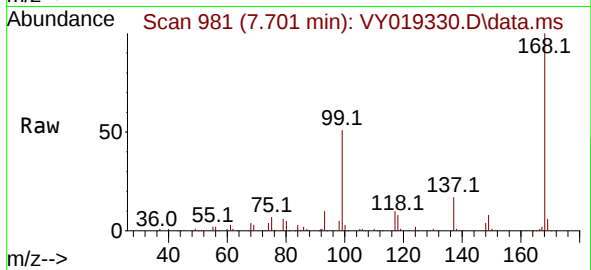
86 58.3 49.5 74.3



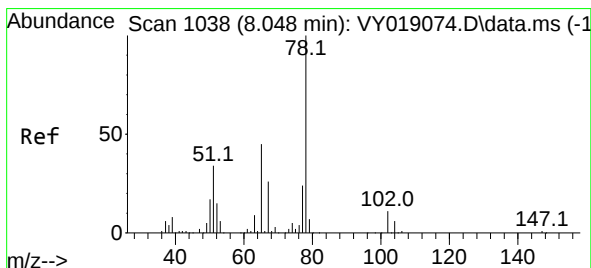
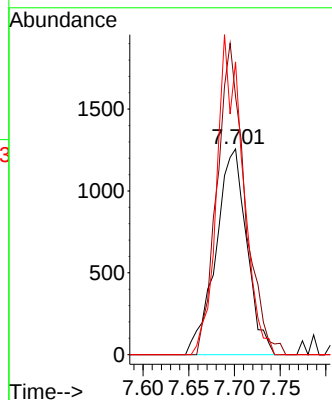
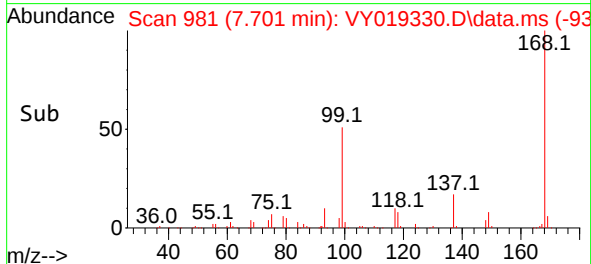


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :

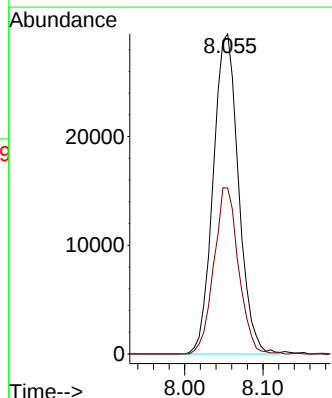
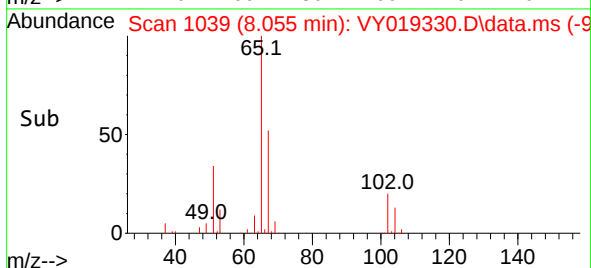
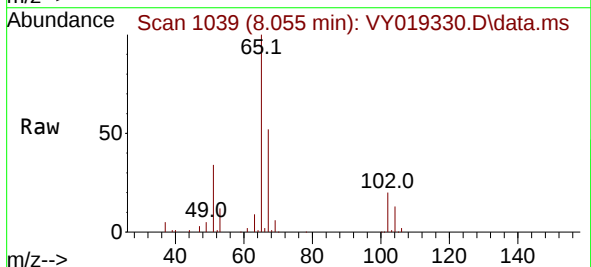


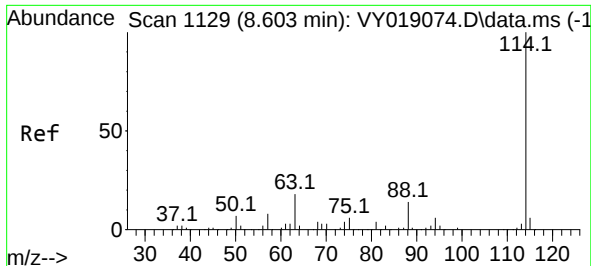
Tgt Ion: 56 Resp: 2961
Ion Ratio Lower Upper
56 100
69 125.5 28.7 43.1#
84 142.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.827 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion: 65 Resp: 66228
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

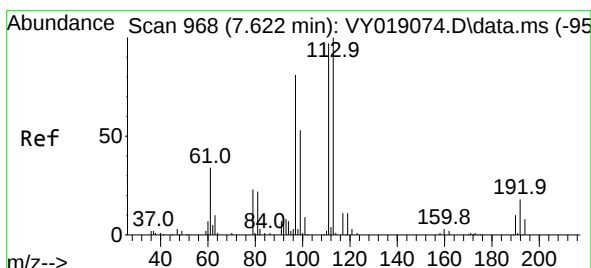
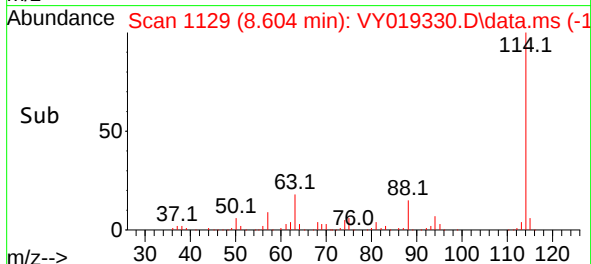
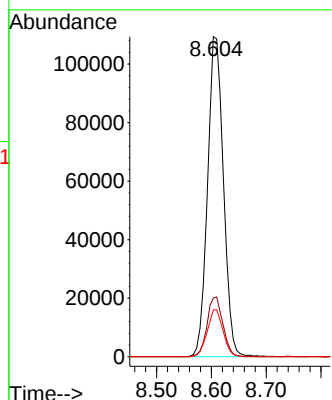
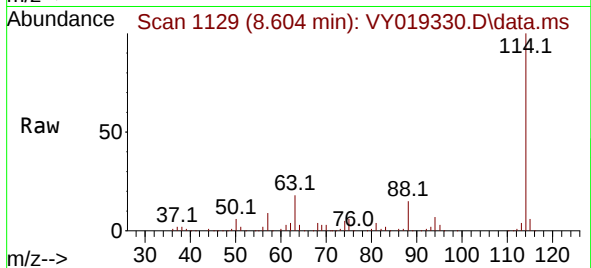
Tgt Ion:114 Resp: 219161

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.915 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

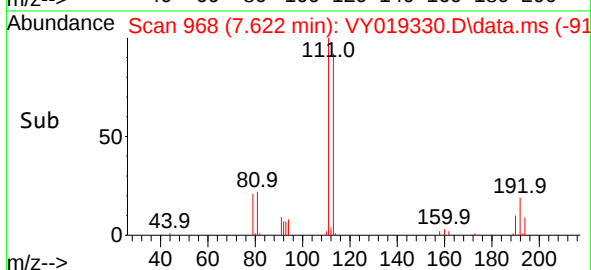
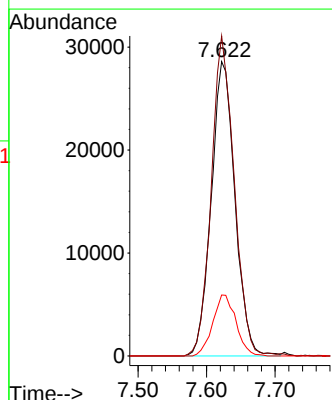
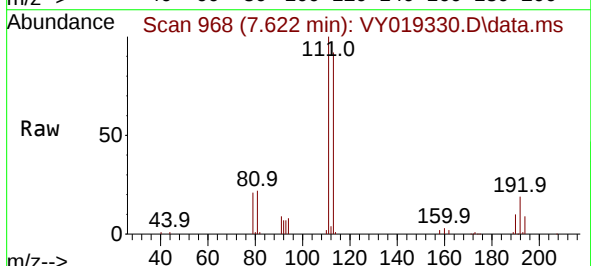
Tgt Ion:113 Resp: 68663

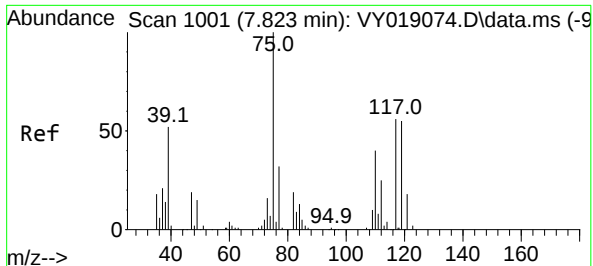
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 20.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

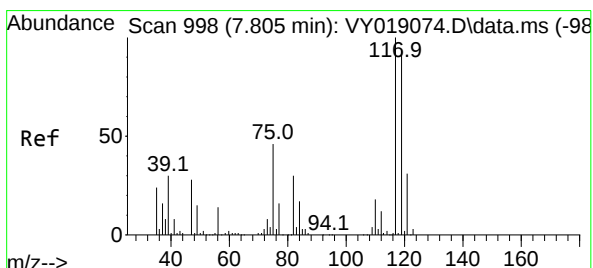
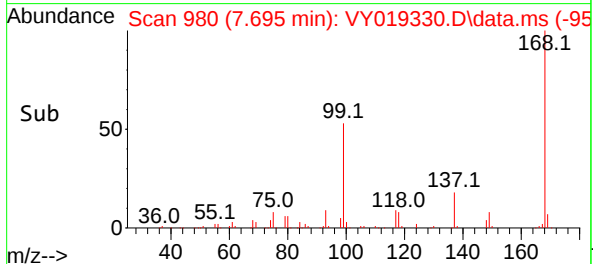
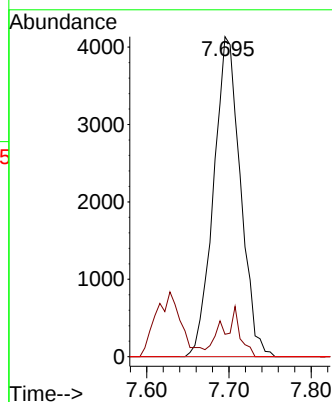
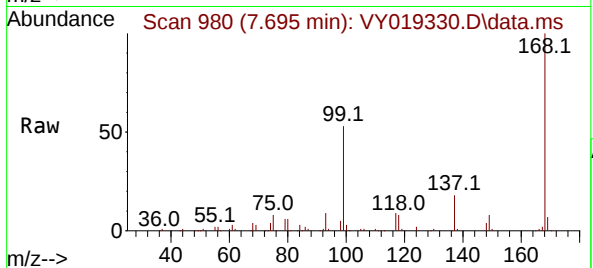
Tgt Ion: 75 Resp: 9373

Ion Ratio Lower Upper

75 100

110 10.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.295 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

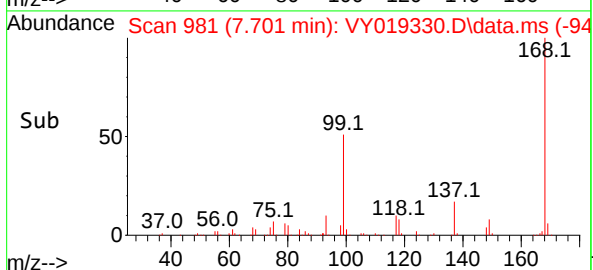
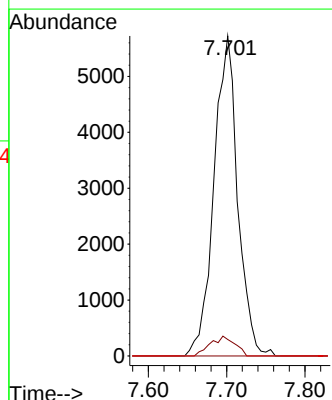
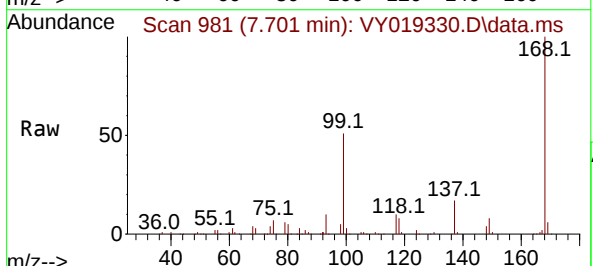
Tgt Ion: 117 Resp: 12074

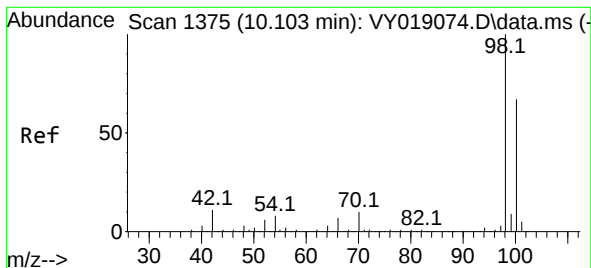
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#

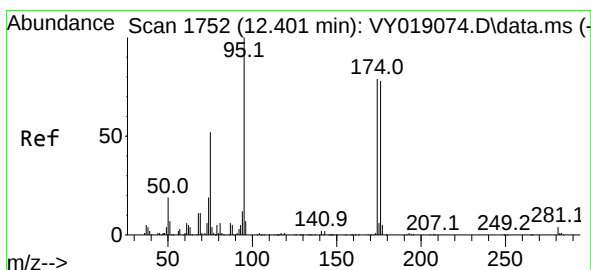
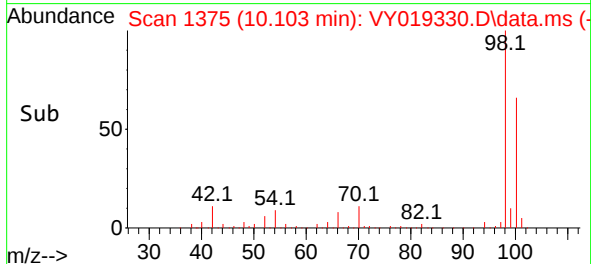
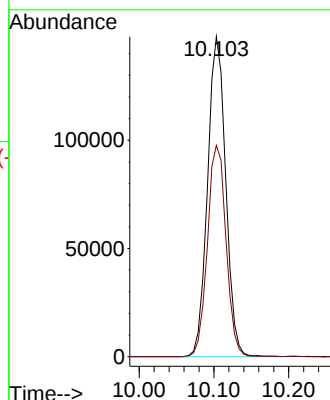
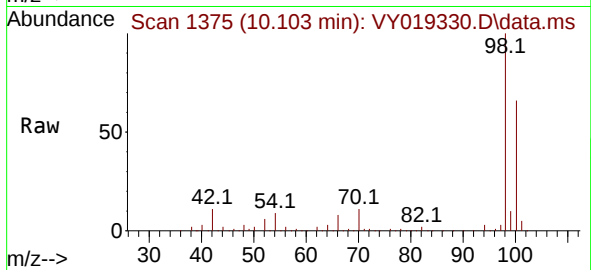




#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

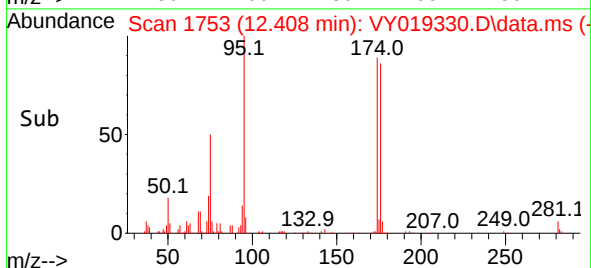
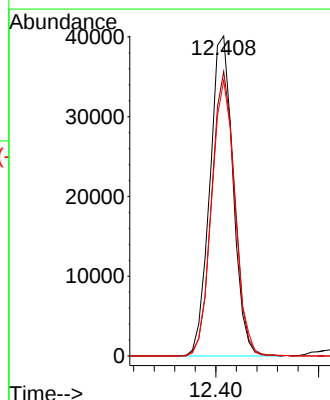
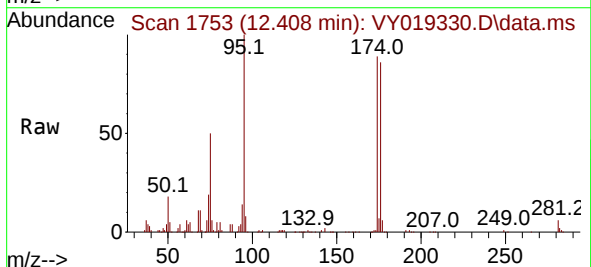
Instrument :
MSVOA_Y
ClientSampleId :

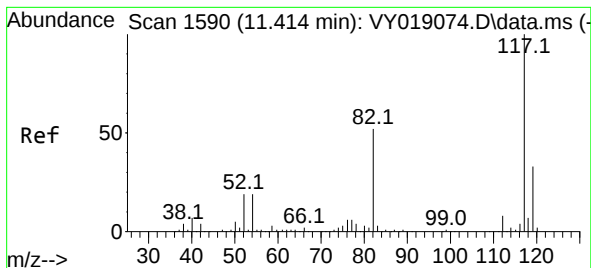
Tgt Ion: 98 Resp: 249945
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.683 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion: 95 Resp: 62730
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.6
176 86.9 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: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

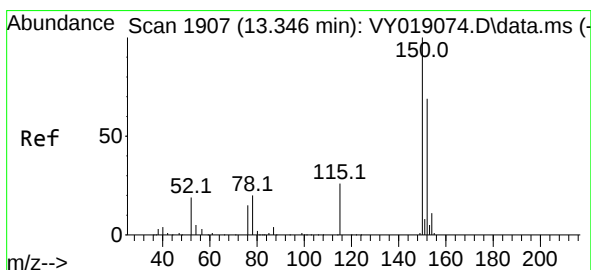
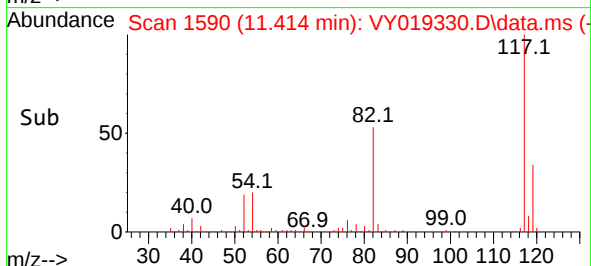
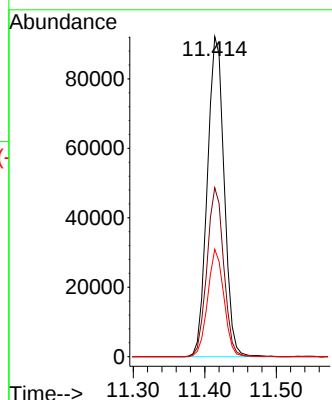
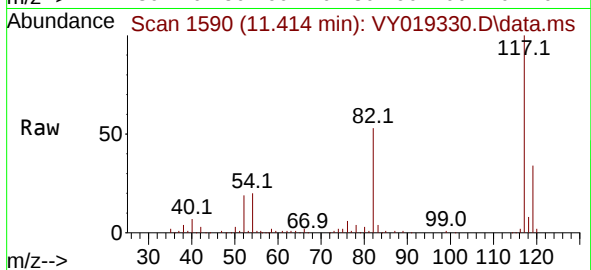
Tgt Ion:117 Resp: 150717

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 33.5 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: VY019330.D

Acq: 28 Aug 2024 15:11

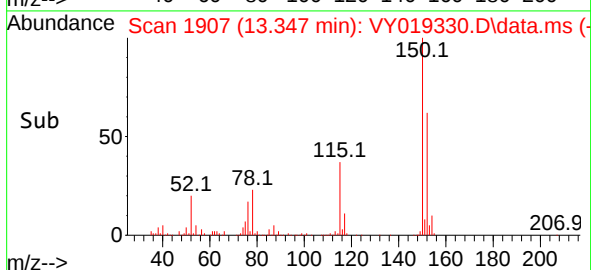
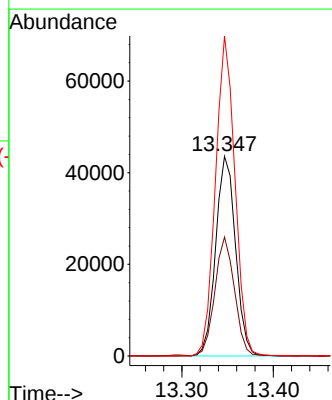
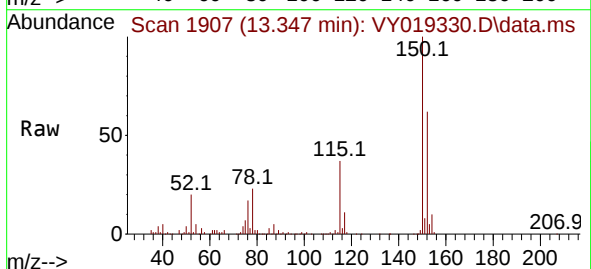
Tgt Ion:152 Resp: 65856

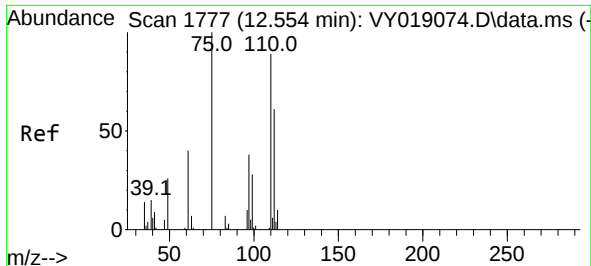
Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.1 0.0 345.6

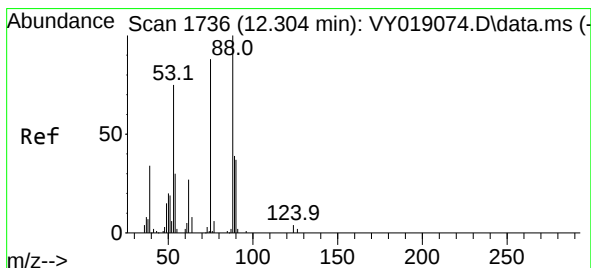
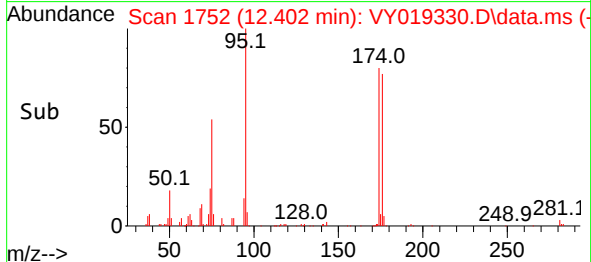
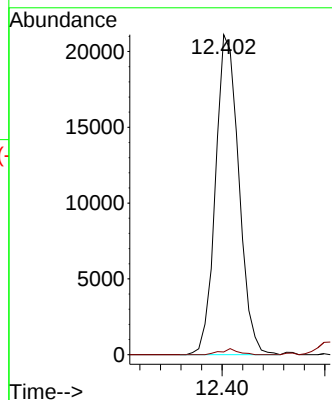
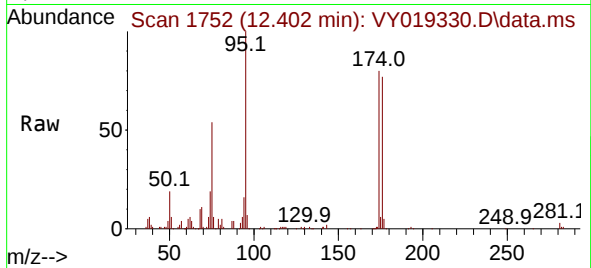




#76
1,2,3-Trichloropropane
Concen: 51.086 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33178
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.164 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion: 75 Resp: 33178
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

