

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019261.D
 Acq On : 23 Aug 2024 16:42
 Operator : SY/MD
 Sample : P3707-01
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:59:25 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)

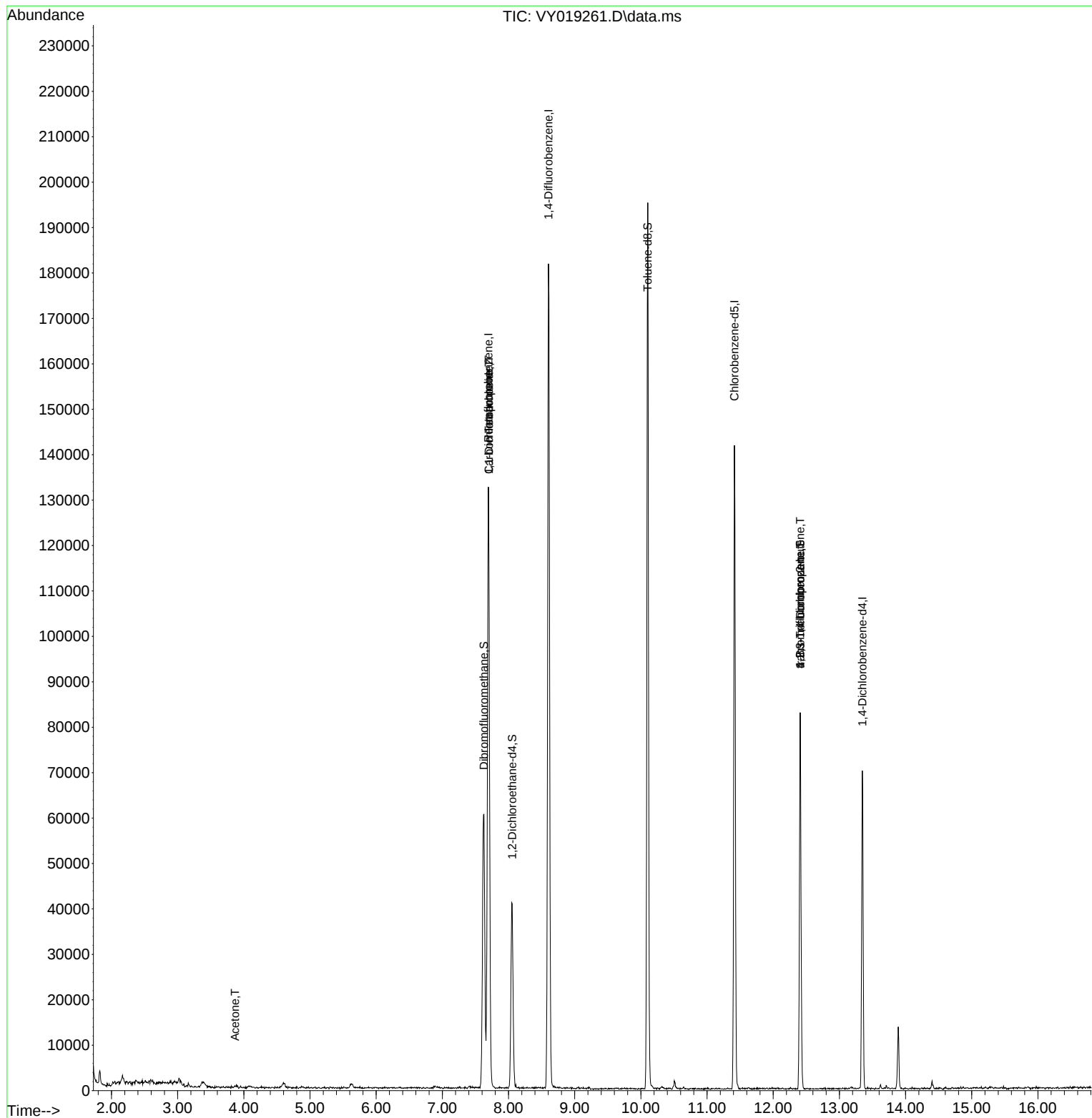
Internal Standards						
1) Pentafluorobenzene	7.695	168	100788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	157373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	79143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	17725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	32826	32.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.980%
35) Dibromofluoromethane	7.628	113	44575	43.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.640%
50) Toluene-d8	10.103	98	123196	33.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.540%
62) 4-Bromofluorobenzene	12.407	95	22655	17.947	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	35.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	191	Below Cal	#	3
6) Chloroethane	2.586	64	25	Below Cal	#	42
16) Acetone	3.866	43	739	3.944	ug/l #	36
20) Methylene Chloride	4.598	84	753	Below Cal	#	82
31) Cyclohexane	7.701	56	2099	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	7814	5.530	ug/l #	49
38) Carbon Tetrachloride	7.701	117	10545	6.440	ug/l #	18
76) 1,2,3-Trichloropropane	12.407	75	12360	70.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	12360	174.628	ug/l #	16

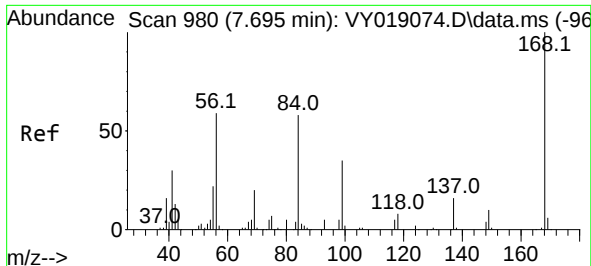
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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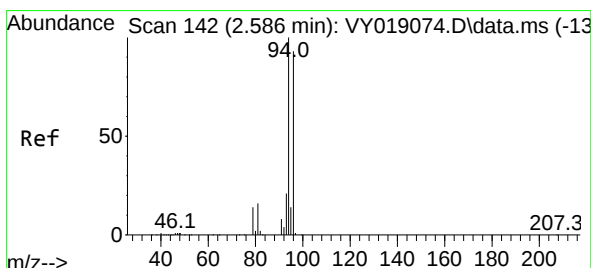
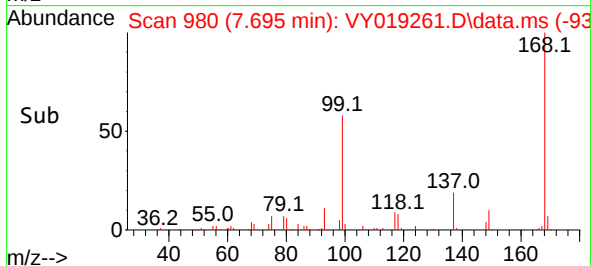
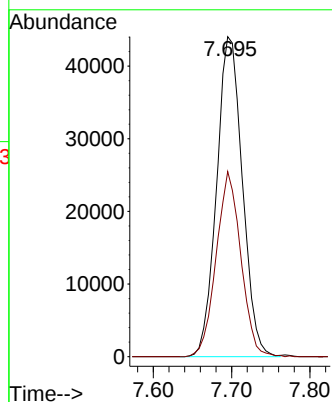
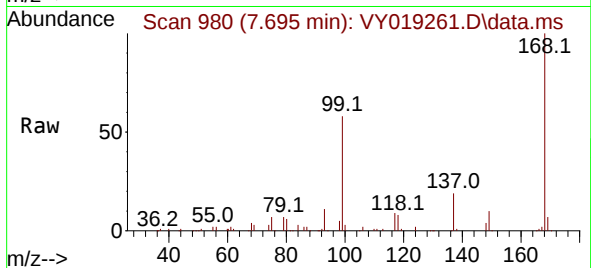




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

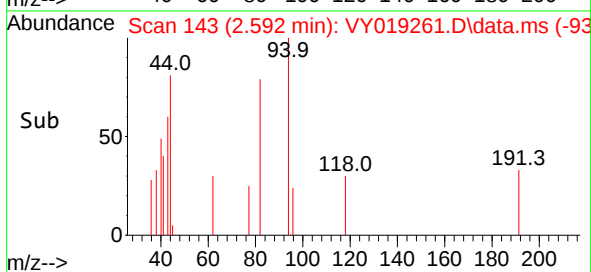
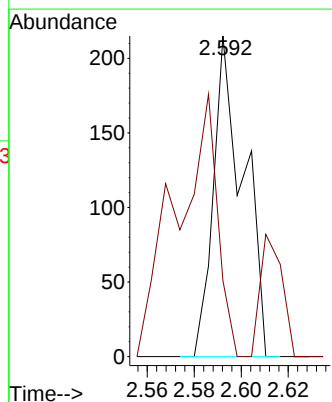
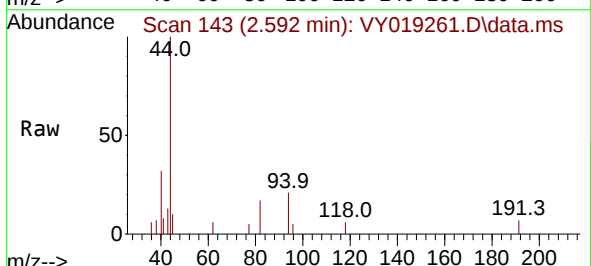
Instrument :
MSVOA_Y
ClientSampleId :

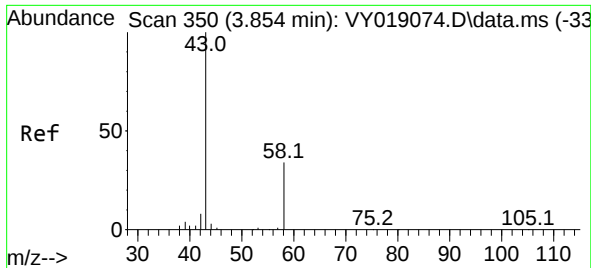
Tgt Ion:168 Resp: 100788
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#16

Acetone

Concen: 3.944 ug/l

RT: 3.866 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

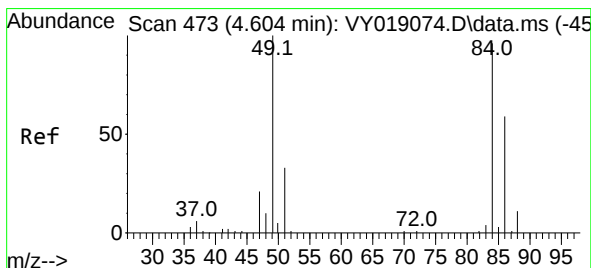
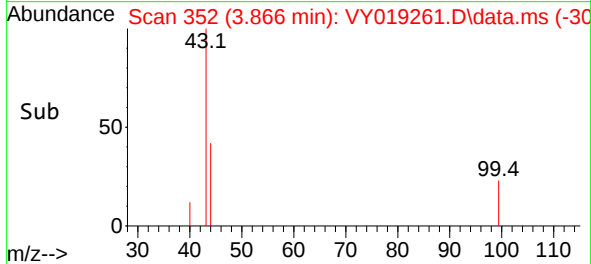
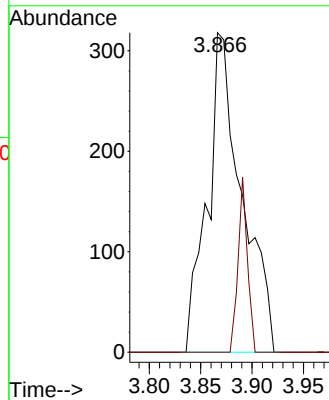
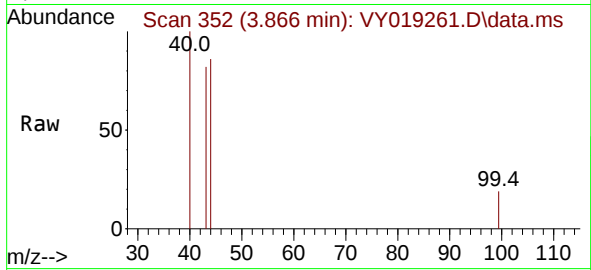
ClientSampleId :

Tgt Ion: 43 Resp: 739

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: VY019261.D

Acq: 23 Aug 2024 16:42

Tgt Ion: 84 Resp: 753

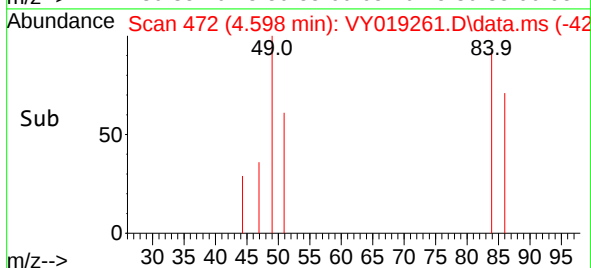
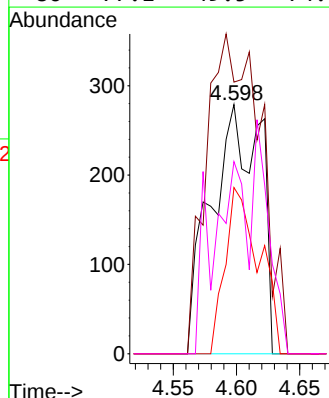
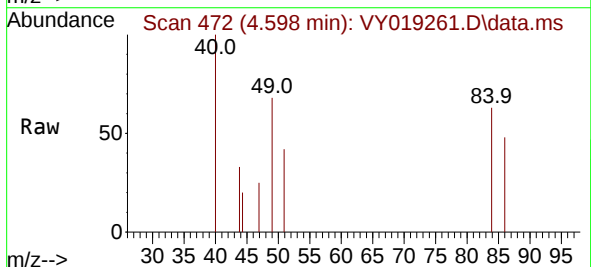
Ion Ratio Lower Upper

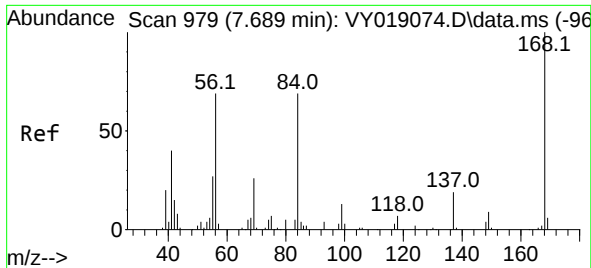
84 100

49 109.0 84.4 126.6

51 66.7 26.0 39.0#

86 77.1 49.5 74.3#

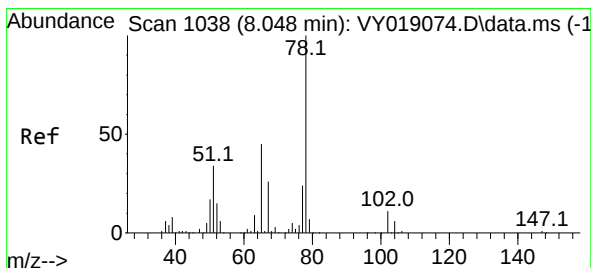
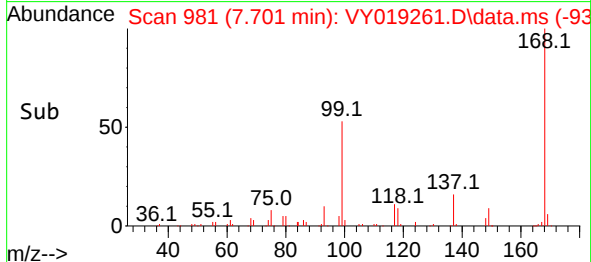
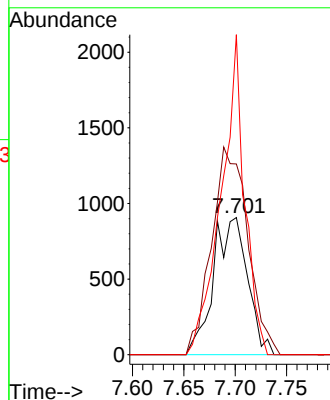
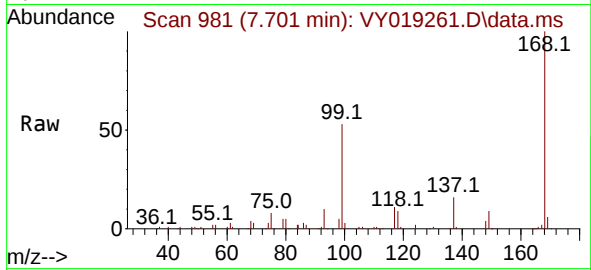




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

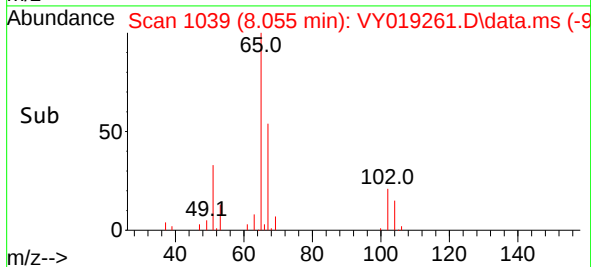
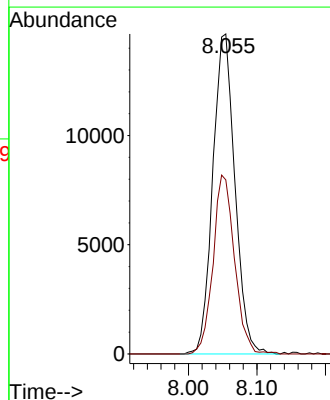
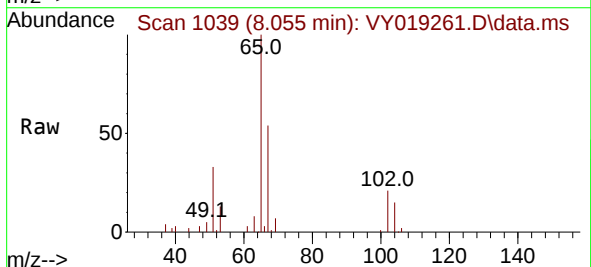
Instrument :
MSVOA_Y
ClientSampleId :

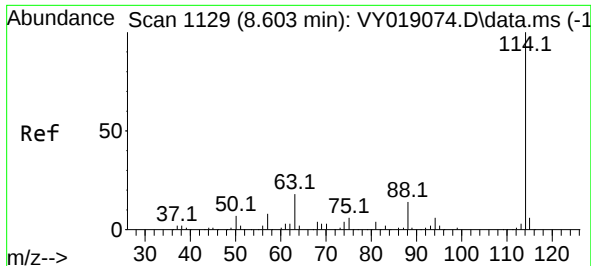
Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 139.0 28.7 43.1#
84 233.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 32.491 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 65 Resp: 32826
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

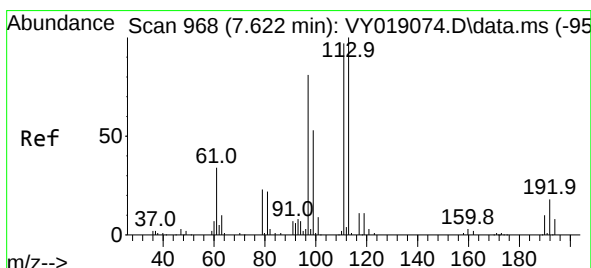
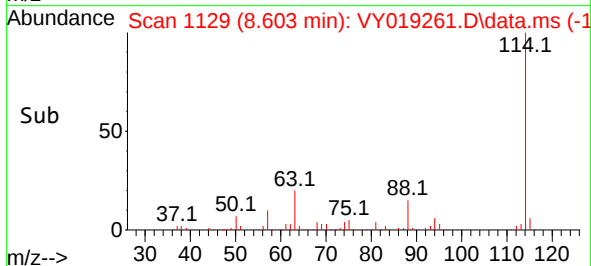
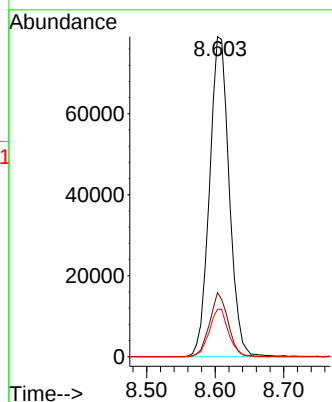
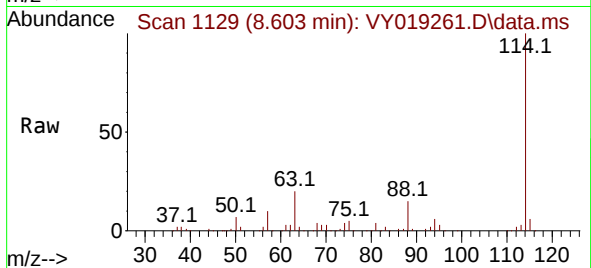
Tgt Ion:114 Resp: 157373

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.319 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

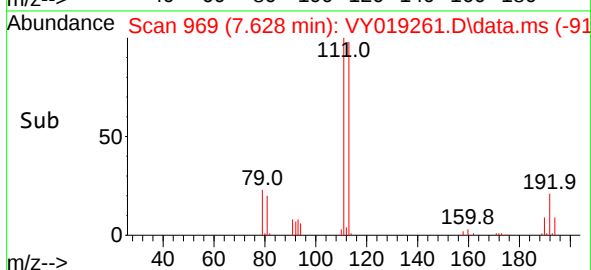
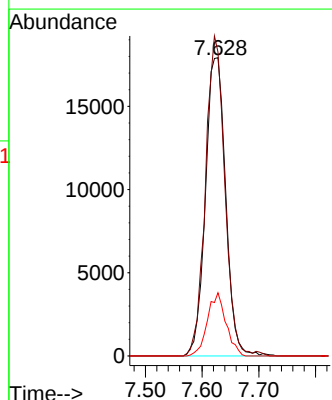
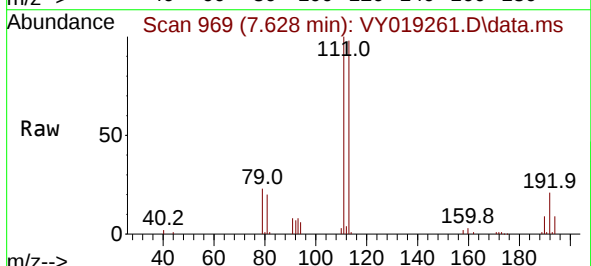
Tgt Ion:113 Resp: 44575

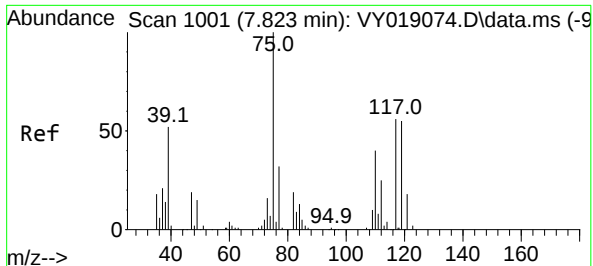
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.530 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

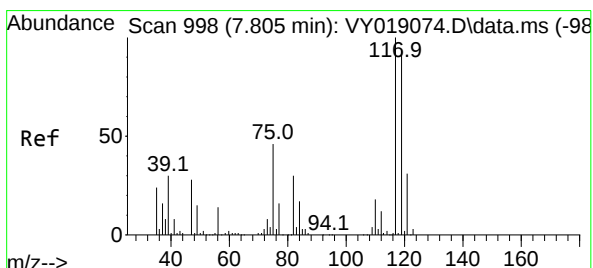
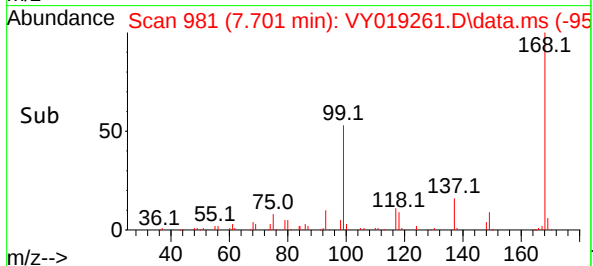
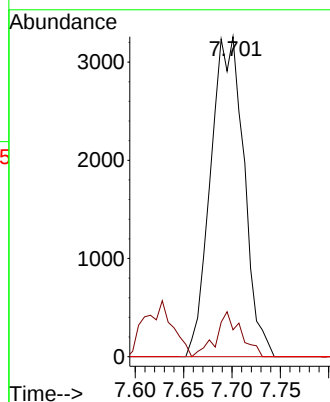
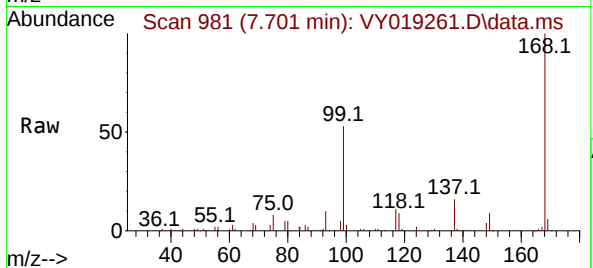
Tgt Ion: 75 Resp: 7814

Ion Ratio Lower Upper

75 100

110 10.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.440 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

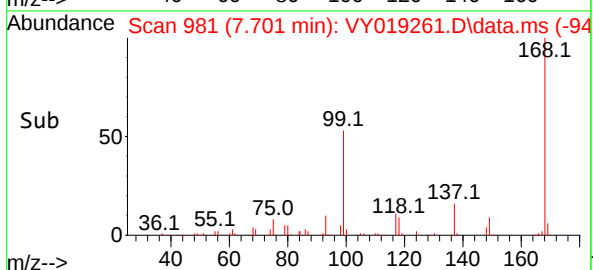
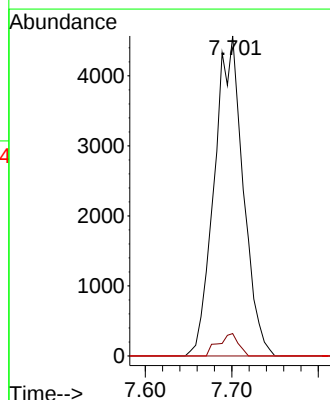
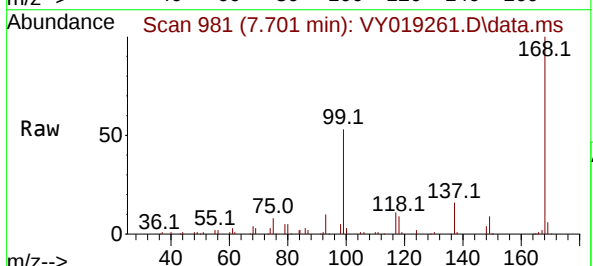
Tgt Ion: 117 Resp: 10545

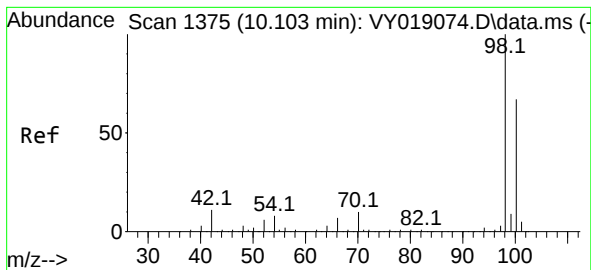
Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.6#

121 0.0 24.0 36.0#

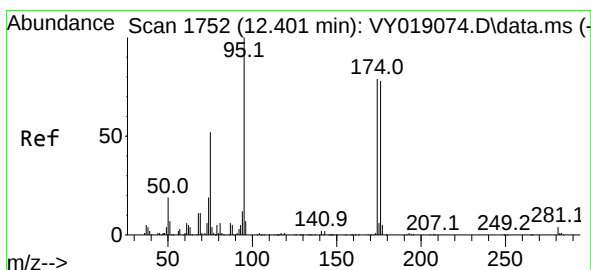
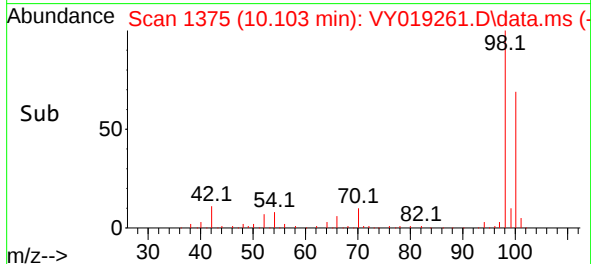
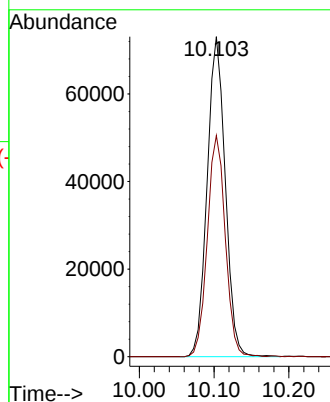
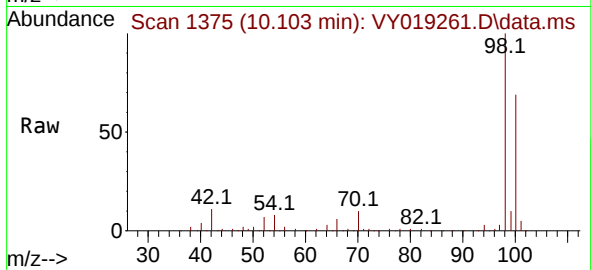




#50
Toluene-d8
Concen: 33.269 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

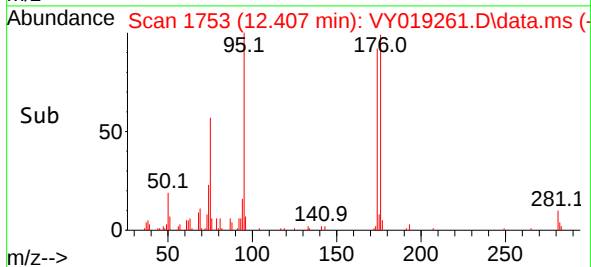
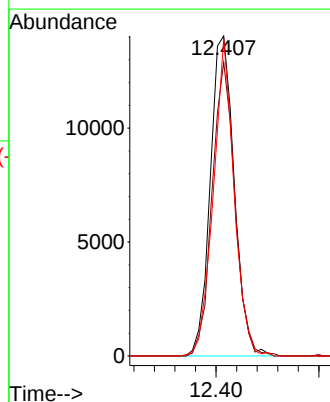
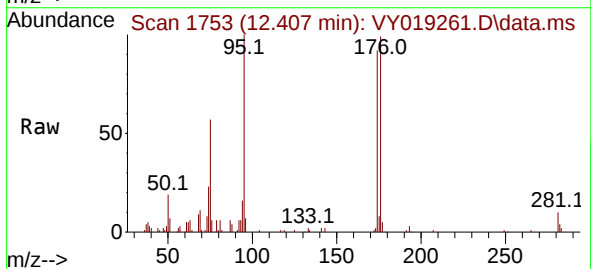
Instrument :
MSVOA_Y
ClientSampleId :

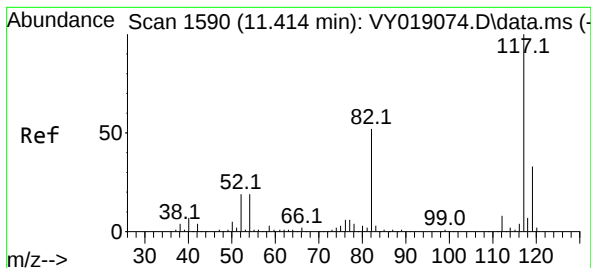
Tgt Ion: 98 Resp: 123196
Ion Ratio Lower Upper
98 100
100 68.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 17.947 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019261.D
Acq: 23 Aug 2024 16:42

Tgt Ion: 95 Resp: 22655
Ion Ratio Lower Upper
95 100
174 87.5 0.0 175.6
176 86.1 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: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

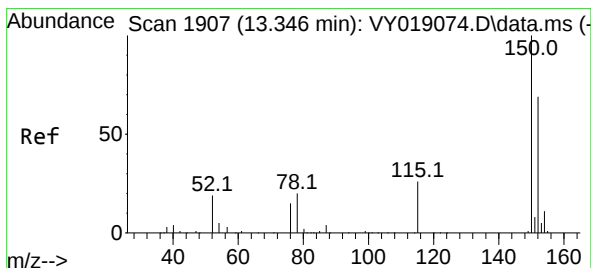
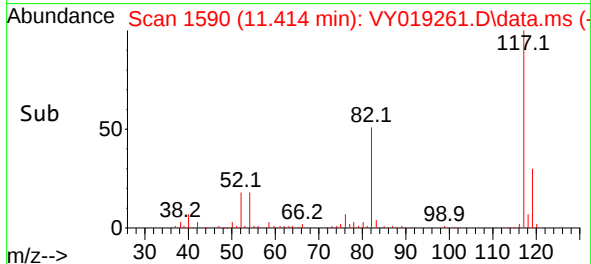
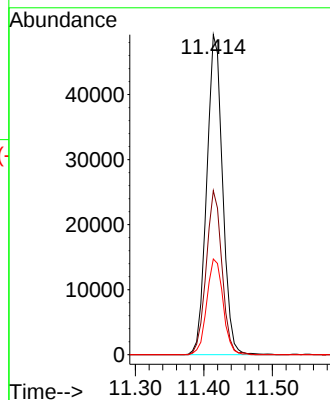
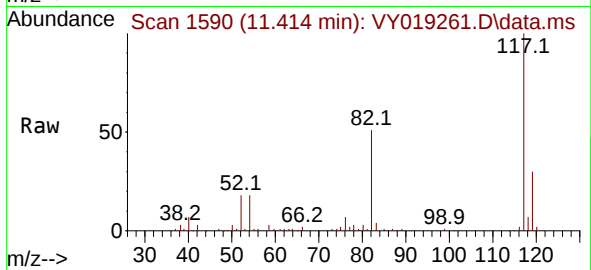
Tgt Ion:117 Resp: 79143

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 29.9 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: VY019261.D

Acq: 23 Aug 2024 16:42

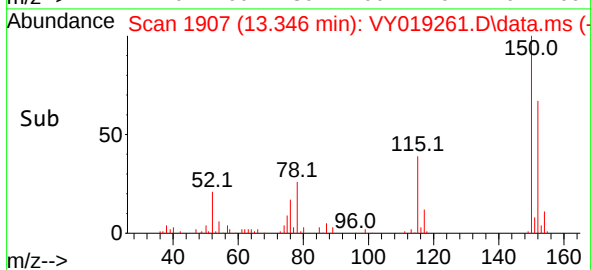
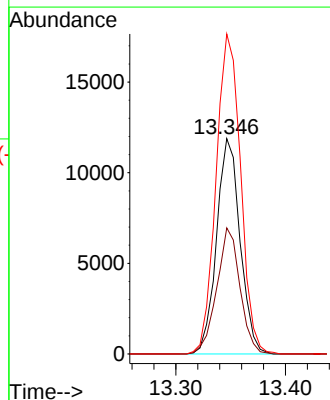
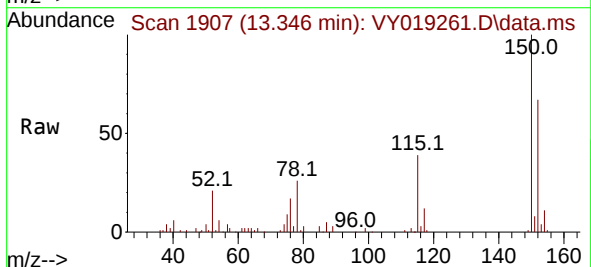
Tgt Ion:152 Resp: 17725

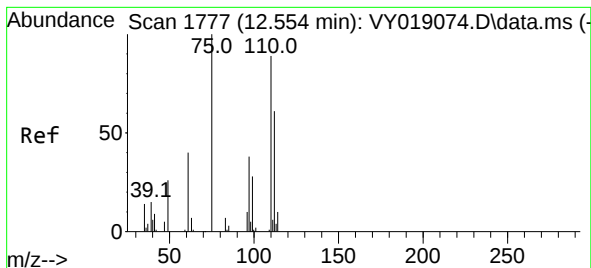
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 155.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 70.709 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA_Y

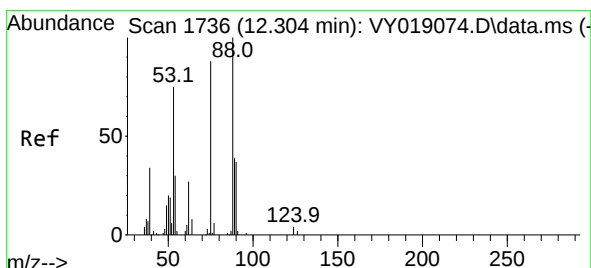
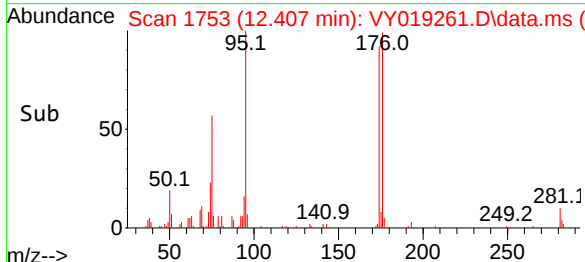
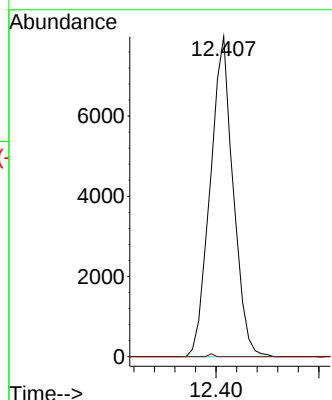
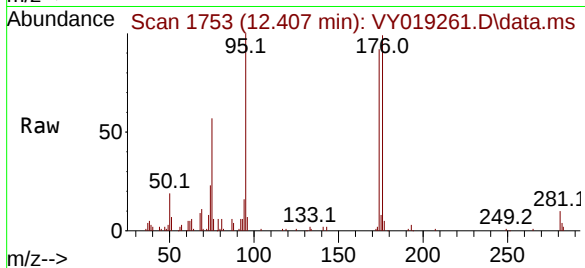
ClientSampleId :

Tgt Ion: 75 Resp: 12360

Ion Ratio Lower Upper

75 100

77 0.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 174.628 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019261.D

Acq: 23 Aug 2024 16:42

Tgt Ion: 75 Resp: 12360

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

