

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019233.D
 Acq On : 22 Aug 2024 20:23
 Operator : SY/MD
 Sample : P3703-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:57:57 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)

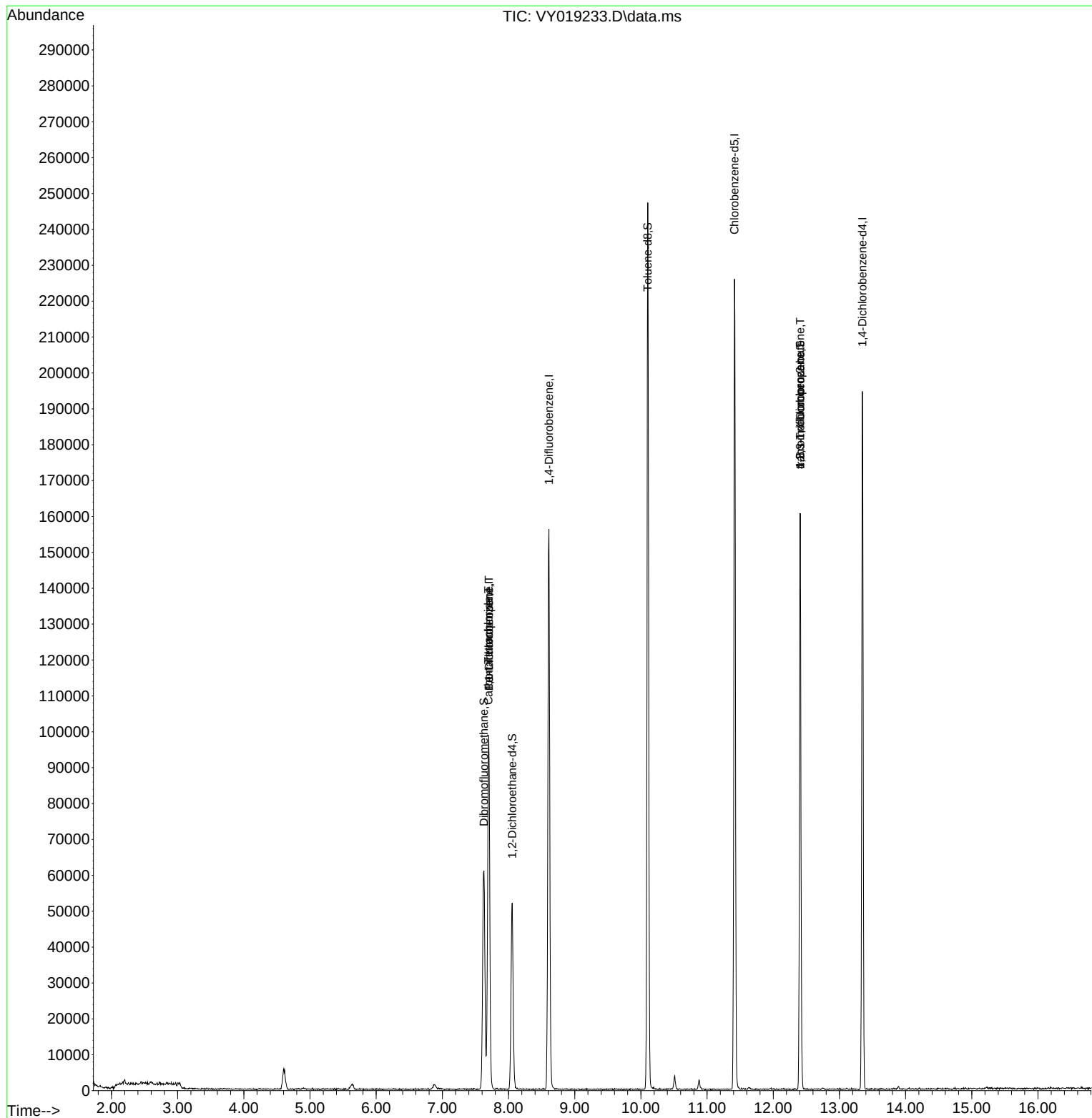
Internal Standards						
1) Pentafluorobenzene	7.701	168	76918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	136265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39010	50.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.628	113	43557	48.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.780%	
50) Toluene-d8	10.103	98	154008	48.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	12.408	95	46113	42.188	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.380%	
Target Compounds						Qvalue
5) Bromomethane	2.611	94	143	Below Cal	#	68
6) Chloroethane	2.769	64	65	Below Cal	#	42
11) Tert butyl alcohol	4.824	59	20	Below Cal	#	88
20) Methylene Chloride	4.604	84	4119	Below Cal		99
31) Cyclohexane	7.695	56	1722	Below Cal	#	42
36) 1,1-Dichloropropene	7.701	75	5766	4.713	ug/l #	48
38) Carbon Tetrachloride	7.695	117	7730	5.452	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	24473	53.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	24473	131.039	ug/l #	16

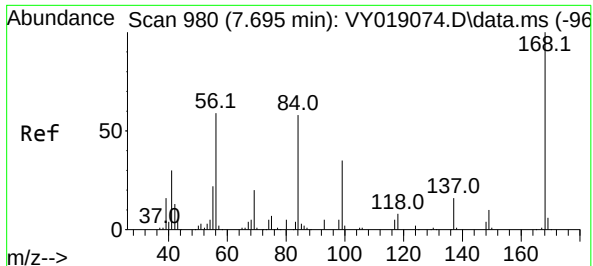
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
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Quant Time: Aug 23 01:57:57 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

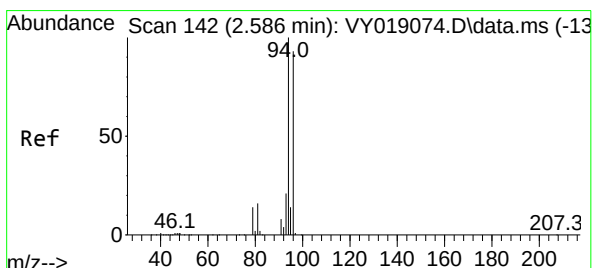
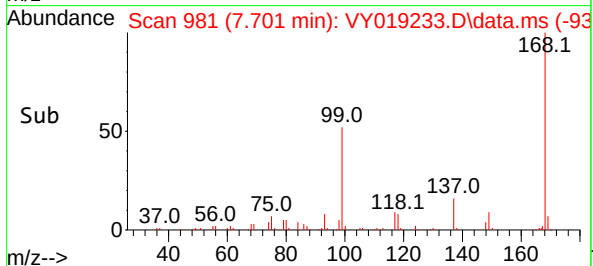
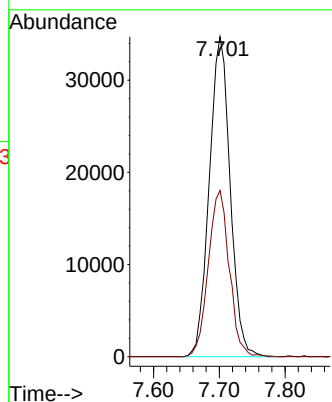
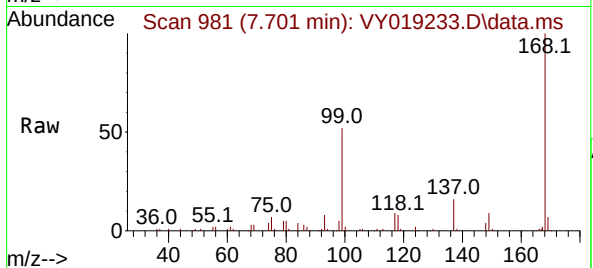




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

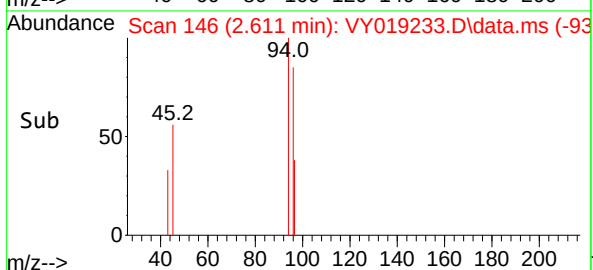
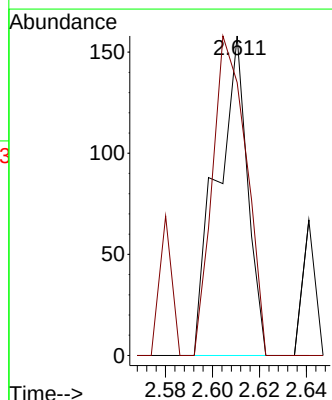
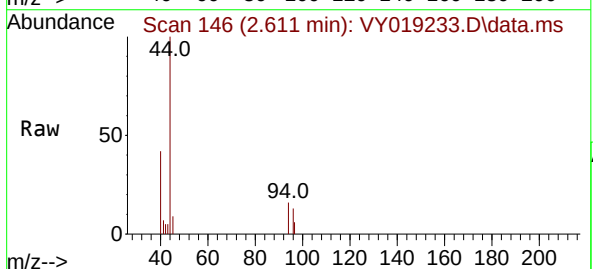
Instrument :
MSVOA_Y
ClientSampleId :

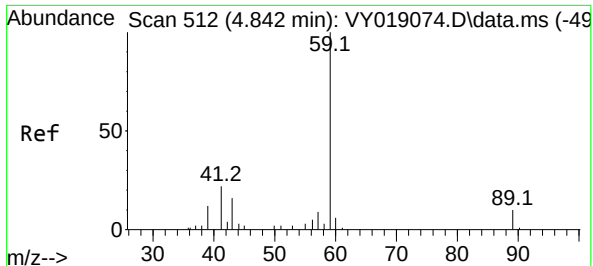
Tgt Ion:168 Resp: 76918
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 123.4 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.824 min Scan# 509

Delta R.T. -0.018 min

Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

Instrument :

MSVOA_Y

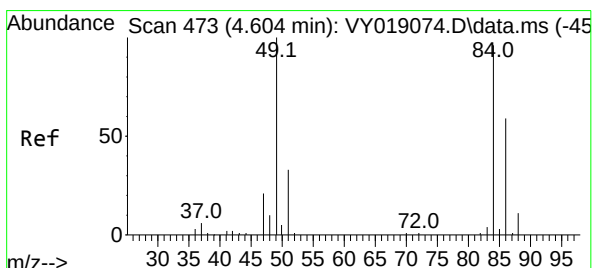
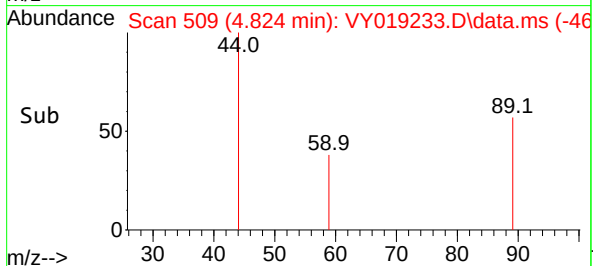
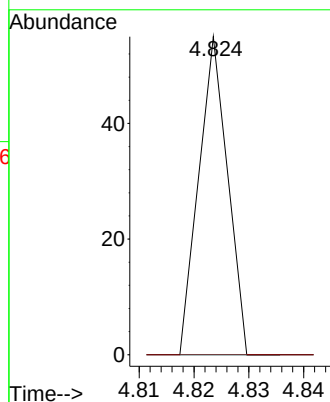
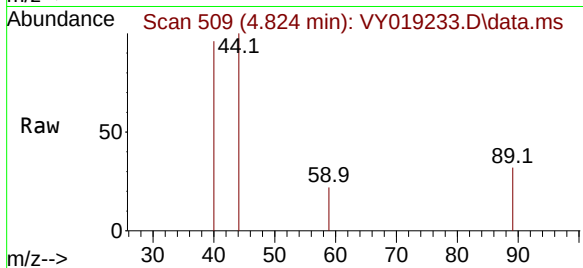
ClientSampleId :

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

Tgt Ion: 84 Resp: 4119

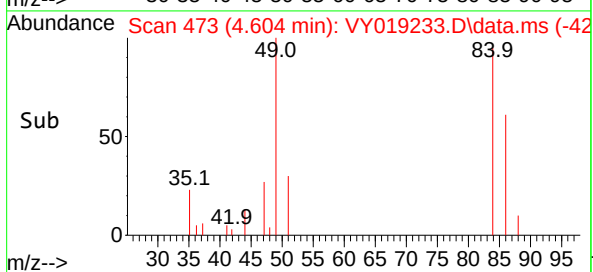
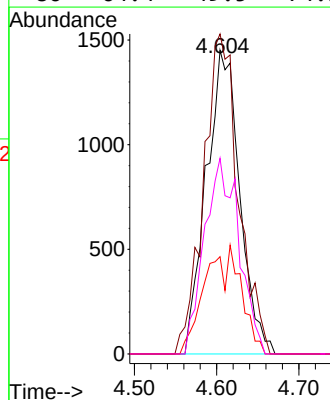
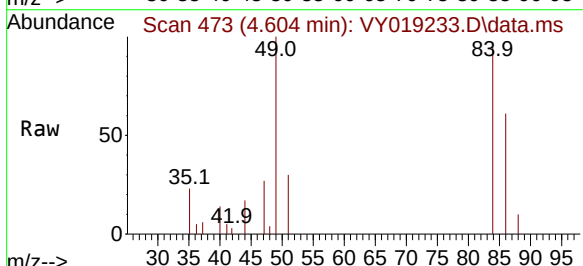
Ion Ratio Lower Upper

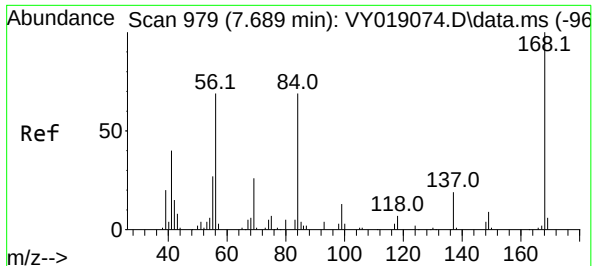
84 100

49 105.4 84.4 126.6

51 32.0 26.0 39.0

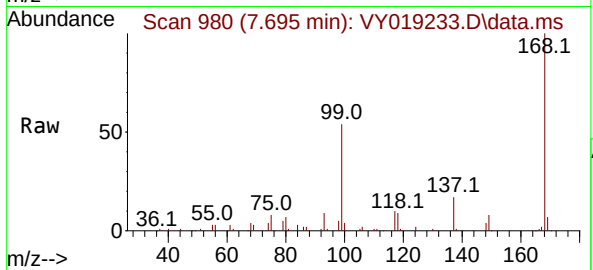
86 64.4 49.5 74.3



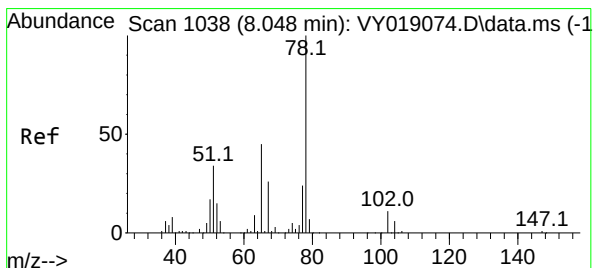
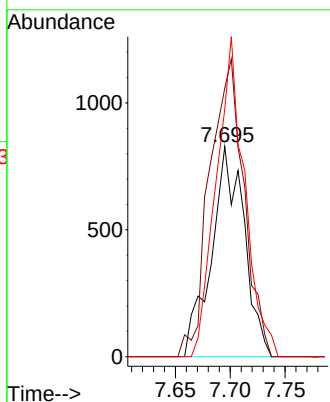
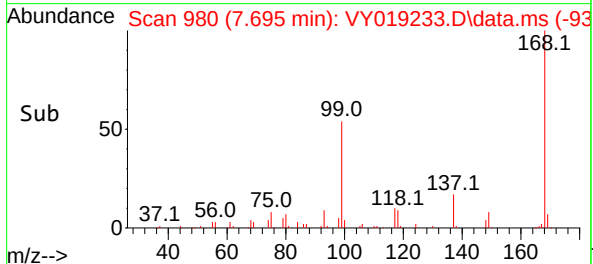


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Instrument :
MSVOA_Y
ClientSampleId :

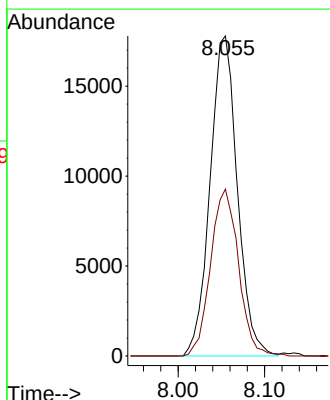
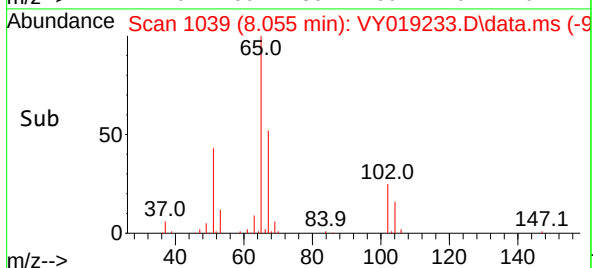
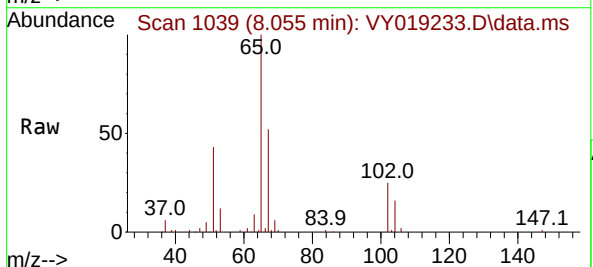


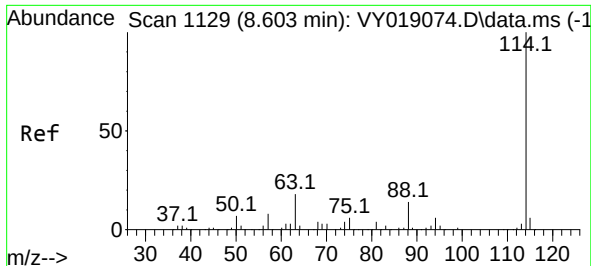
Tgt Ion: 56 Resp: 1722
Ion Ratio Lower Upper
56 100
69 127.8 28.7 43.1#
84 117.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Tgt Ion: 65 Resp: 39010
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

Instrument :

MSVOA_Y

ClientSampleId :

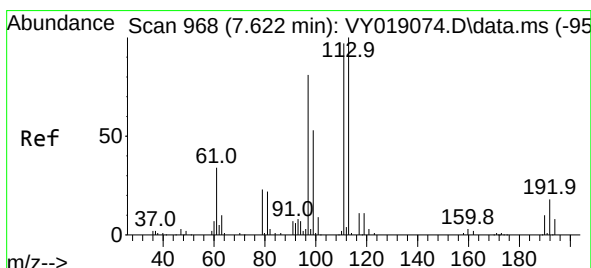
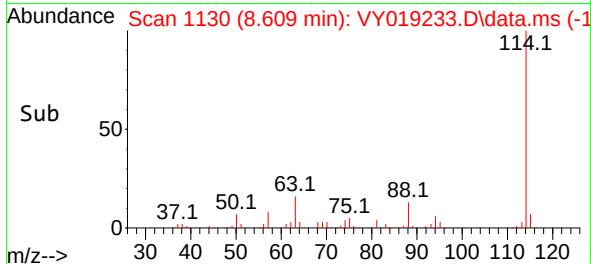
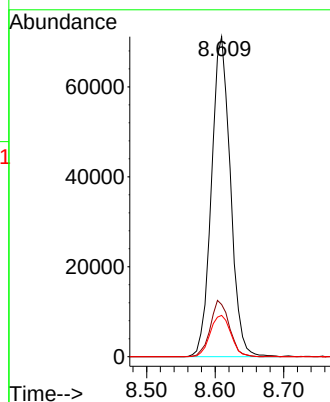
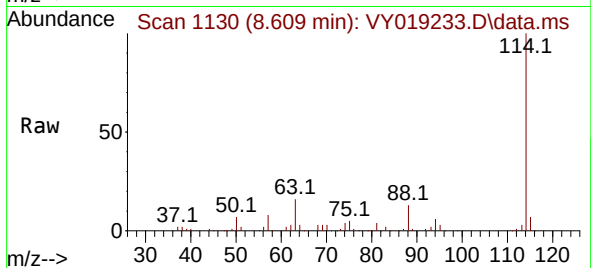
Tgt Ion:114 Resp: 136265

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.887 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

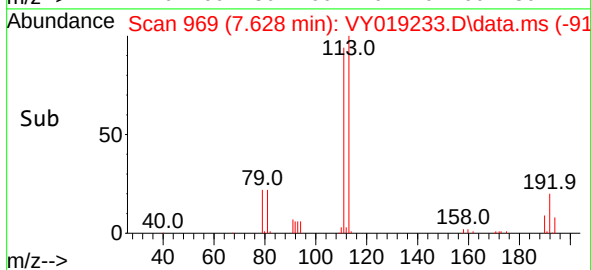
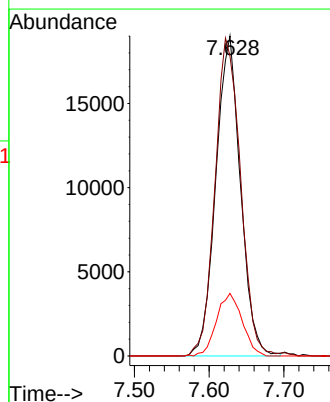
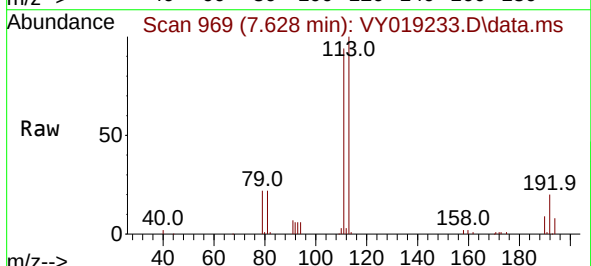
Tgt Ion:113 Resp: 43557

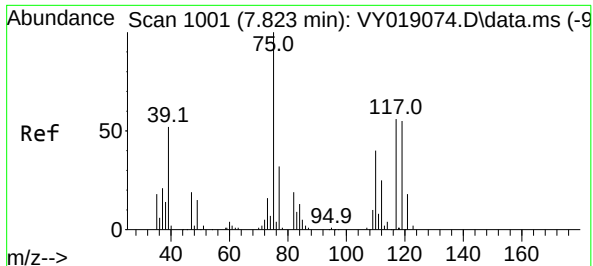
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.713 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

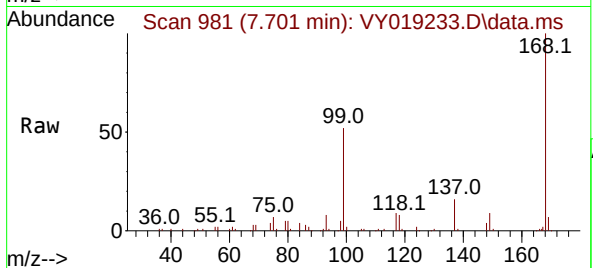
Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

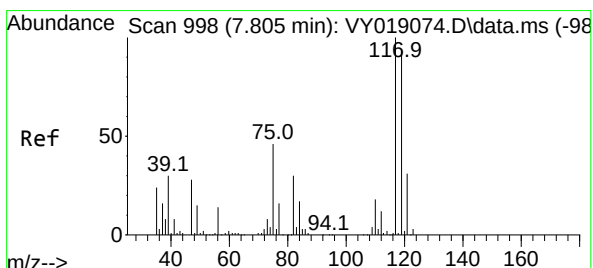
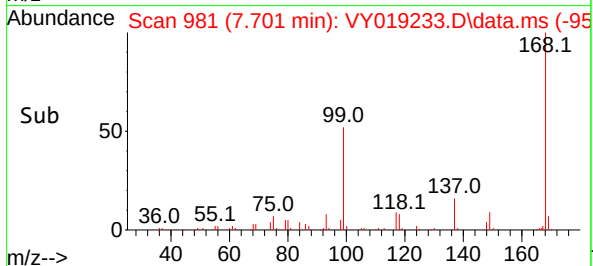
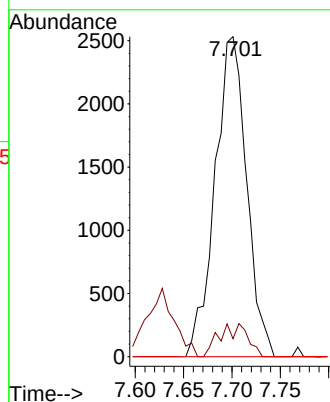
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 5766
Ion Ratio	Lower Upper
75 100	
110 9.1	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.452 ug/l

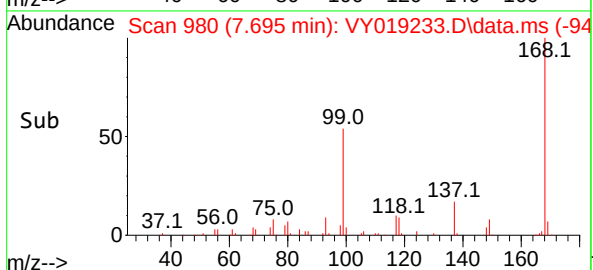
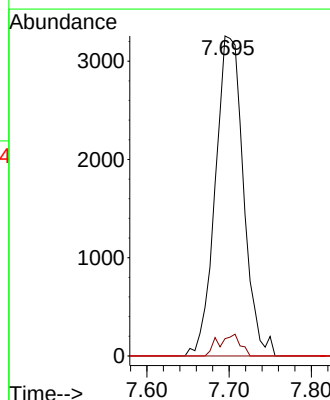
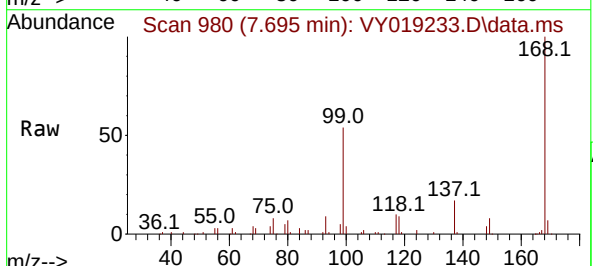
RT: 7.695 min Scan# 980

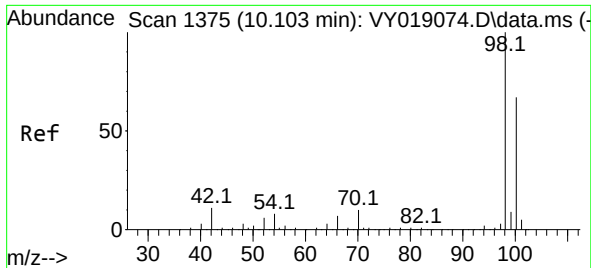
Delta R.T. -0.110 min

Lab File: VY019233.D

Acq: 22 Aug 2024 20:23

Tgt Ion: 117	Resp: 7730
Ion Ratio	Lower Upper
117 100	
119 5.4	75.8 113.6#
121 0.0	24.0 36.0#

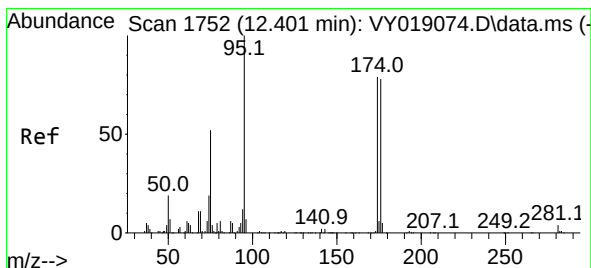
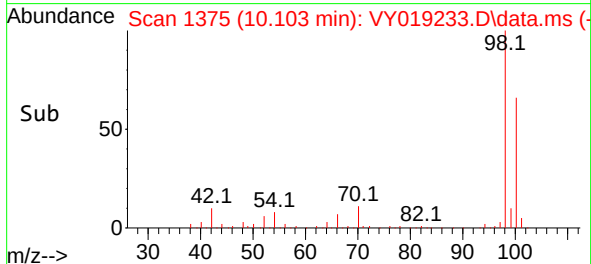
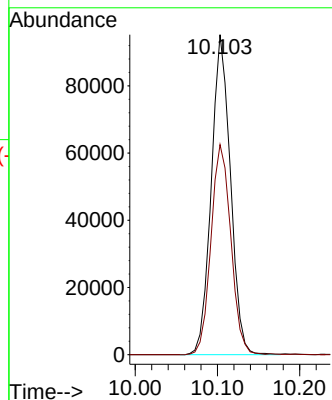
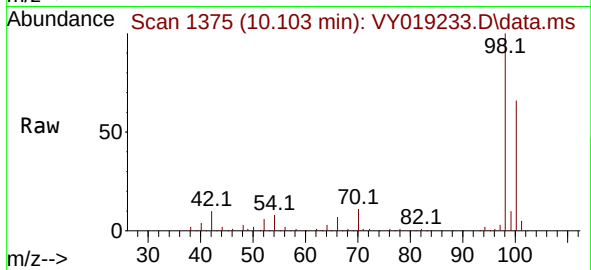




#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

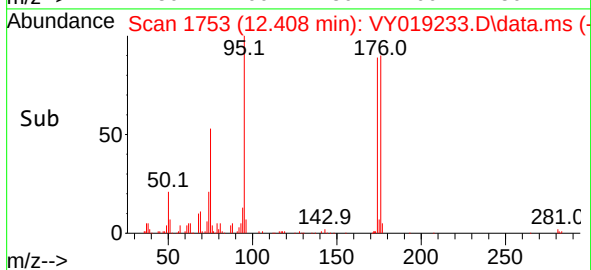
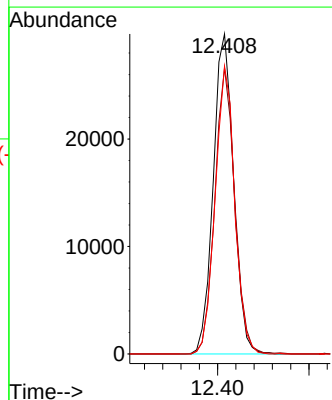
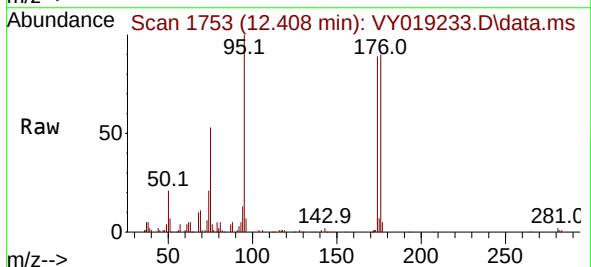
Instrument :
MSVOA_Y
ClientSampleId :

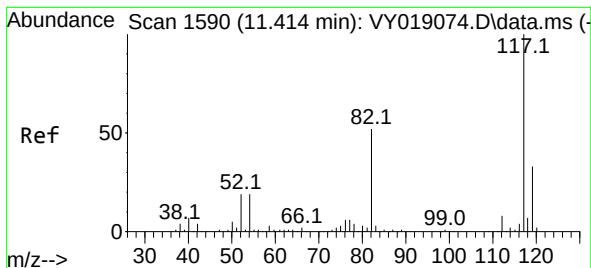
Tgt Ion: 98 Resp: 154008
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.188 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Tgt Ion: 95 Resp: 46113
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 86.4 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: VY019233.D

Acq: 22 Aug 2024 20:23

Instrument :

MSVOA_Y

ClientSampleId :

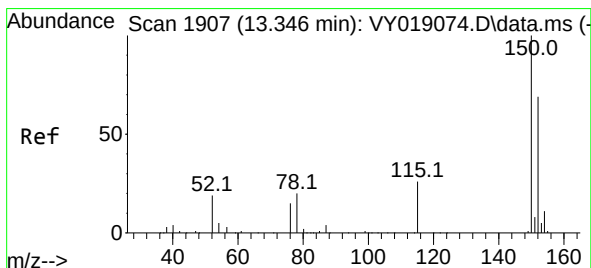
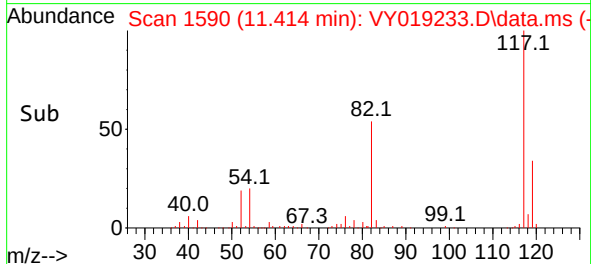
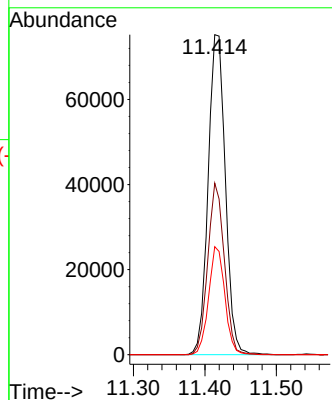
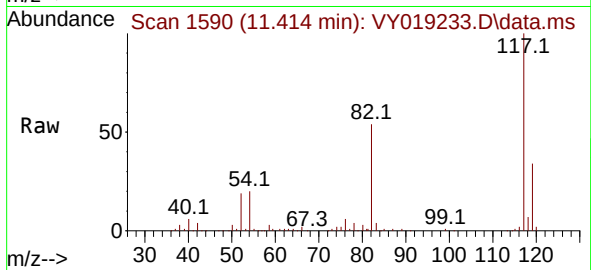
Tgt Ion:117 Resp: 125785

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 33.7 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: VY019233.D

Acq: 22 Aug 2024 20:23

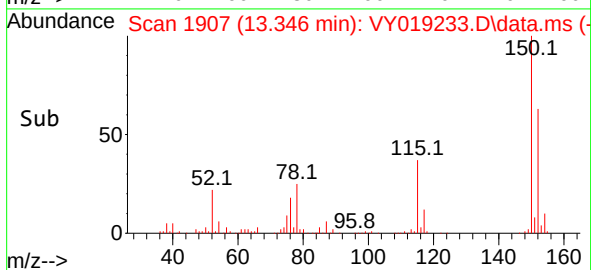
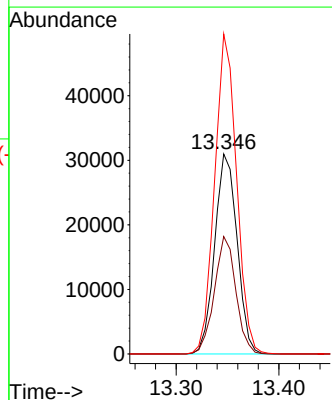
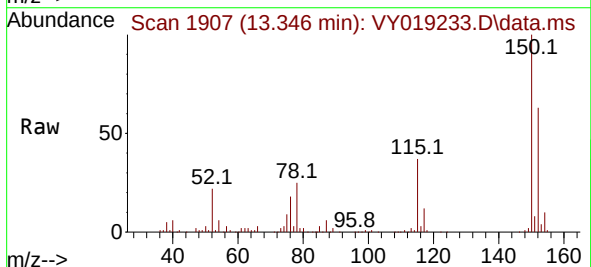
Tgt Ion:152 Resp: 46770

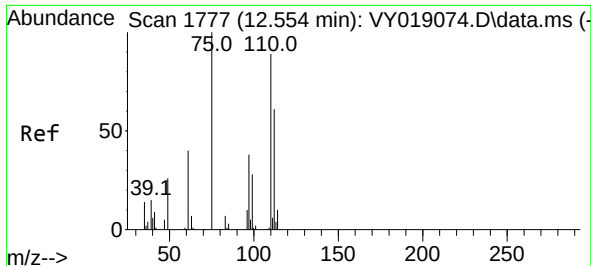
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 156.6 0.0 345.6

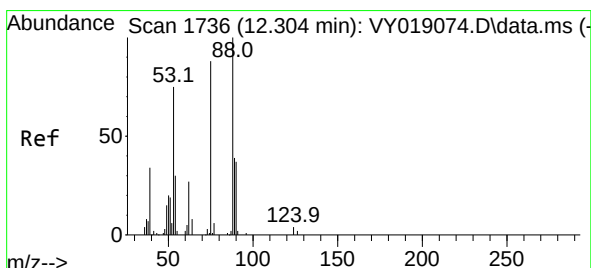
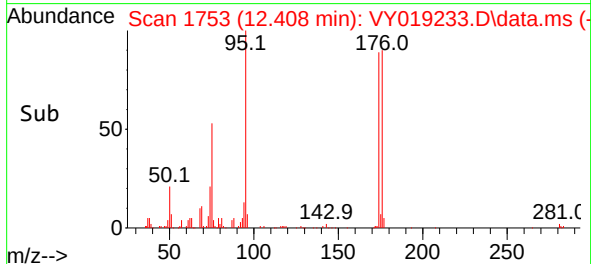
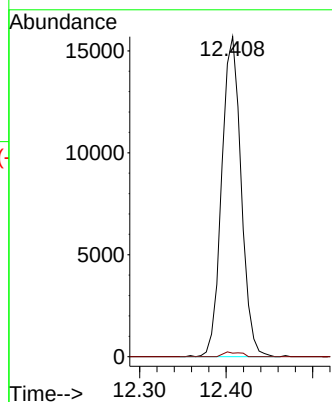
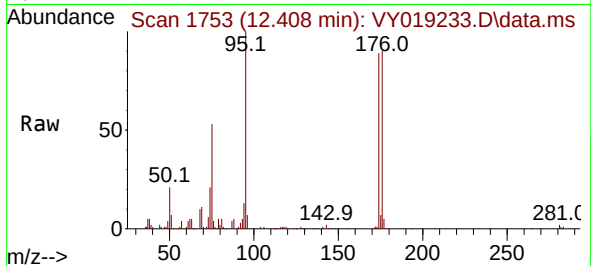




#76
1,2,3-Trichloropropane
Concen: 53.059 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24473
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.039 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019233.D
Acq: 22 Aug 2024 20:23

Tgt Ion: 75 Resp: 24473
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

