

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019262.D
 Acq On : 23 Aug 2024 17:07
 Operator : SY/MD
 Sample : P3707-04
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:59:43 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)

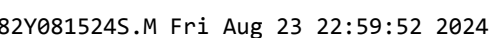
Internal Standards						
1) Pentafluorobenzene	7.701	168	96154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	158085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	51171	53.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.180%
35) Dibromofluoromethane	7.622	113	52494	50.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.103	98	182326	49.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.408	95	39561	31.198	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.400%

Target Compounds					Qvalue
5) Bromomethane	2.598	94	134	Below Cal	# 3
6) Chloroethane	2.665	64	21	Below Cal	# 42
16) Acetone	3.860	43	1325	7.412	ug/l 92
20) Methylene Chloride	4.598	84	1936	Below Cal	# 84
31) Cyclohexane	7.695	56	1913	Below Cal	# 15
36) 1,1-Dichloropropene	7.695	75	7260	5.115	ug/l # 48
38) Carbon Tetrachloride	7.695	117	9379	5.702	ug/l # 17
51) 4-Methyl-2-Pentanone	10.097	43	991	1.468	ug/l # 1
76) 1,2,3-Trichloropropane	12.408	75	21892	74.517	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.408	75	21892	184.033	ug/l # 16

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

Quant Time: Aug 23 22:59:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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QLast Update : Fri Aug 16 05:10:30 2024
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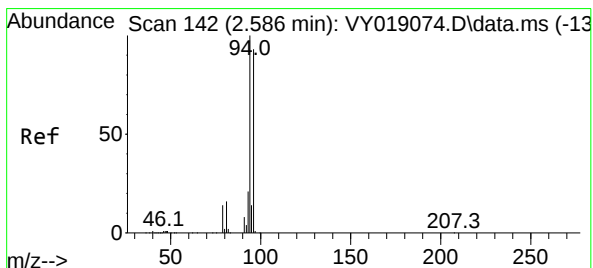
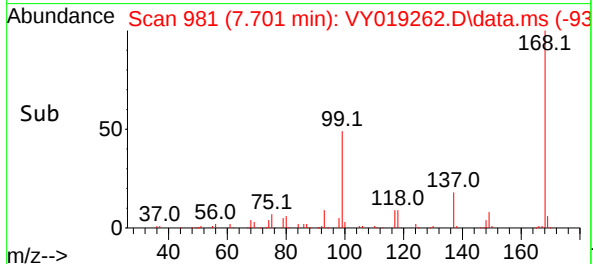
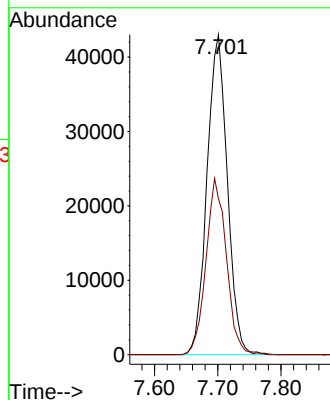
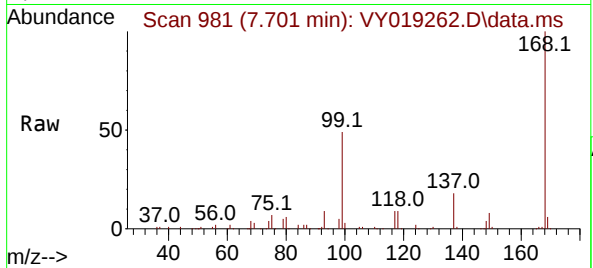




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

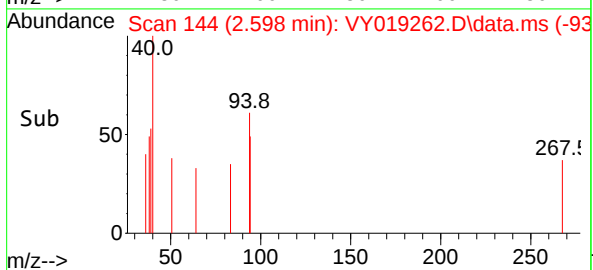
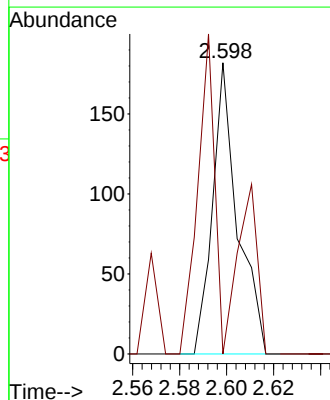
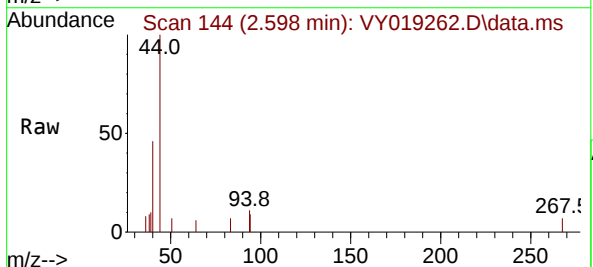
Instrument :
MSVOA_Y
ClientSampleId :

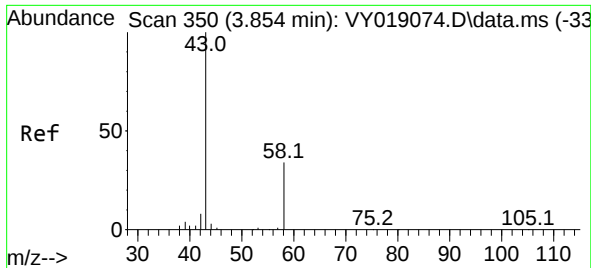
Tgt Ion:168 Resp: 96154
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#16

Acetone

Concen: 7.412 ug/l

RT: 3.860 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019262.D

Acq: 23 Aug 2024 17:07

Instrument :

MSVOA_Y

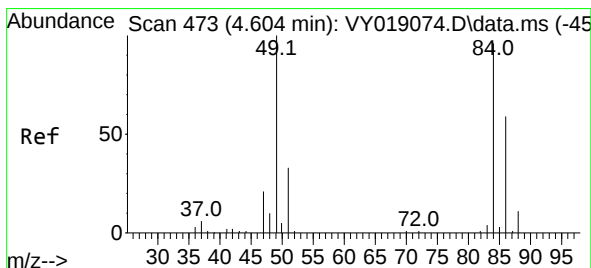
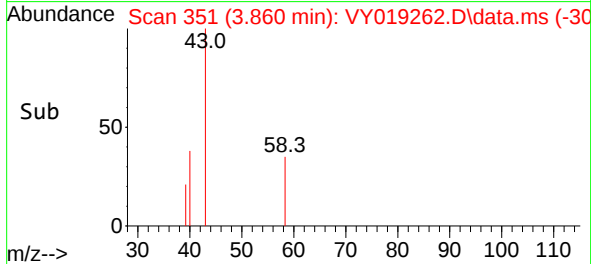
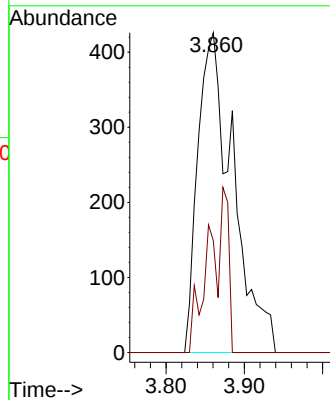
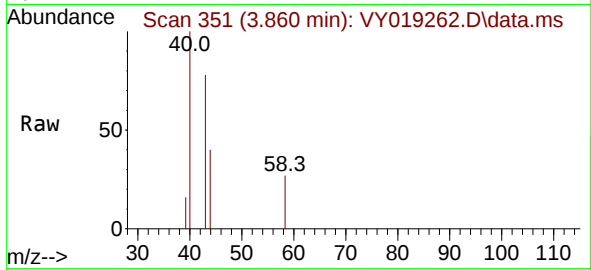
ClientSampleId :

Tgt Ion: 43 Resp: 1325

Ion Ratio Lower Upper

43 100

58 35.0 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019262.D

Acq: 23 Aug 2024 17:07

Tgt Ion: 84 Resp: 1936

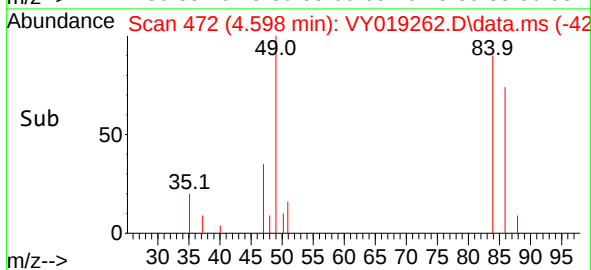
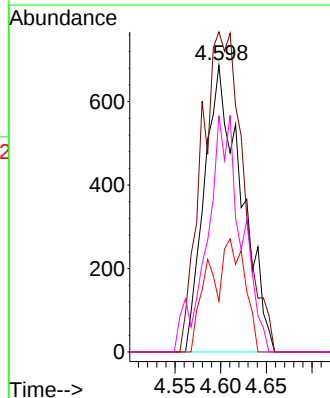
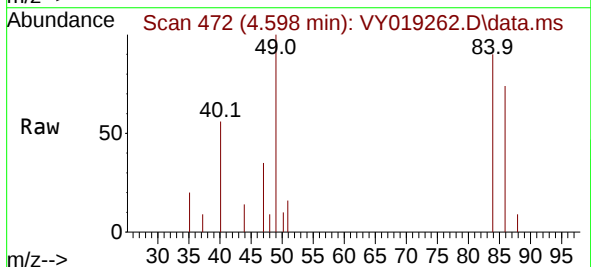
Ion Ratio Lower Upper

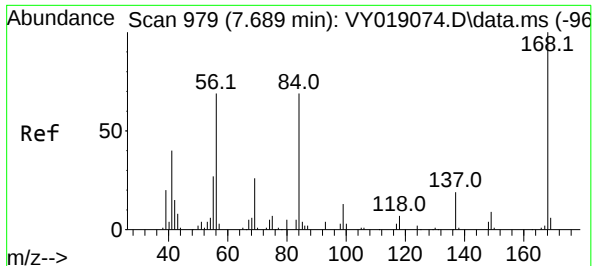
84 100

49 111.6 84.4 126.6

51 17.8 26.0 39.0#

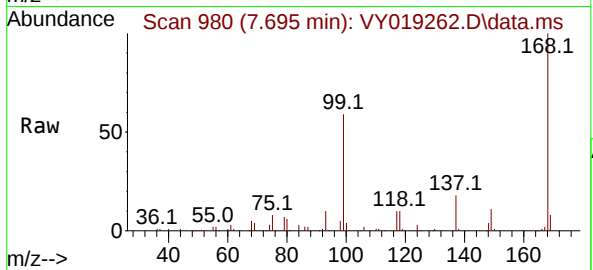
86 82.4 49.5 74.3#



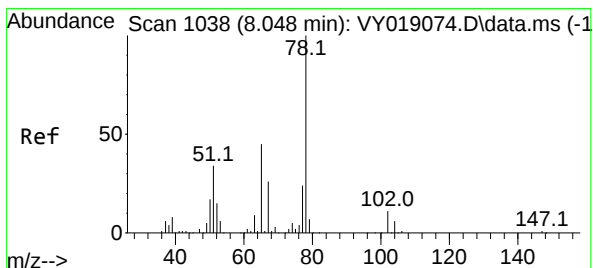
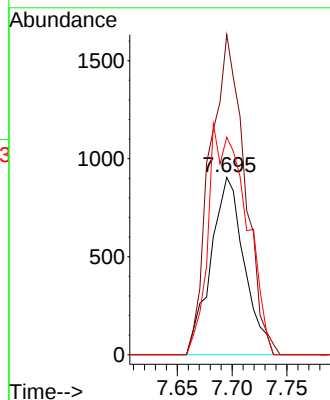
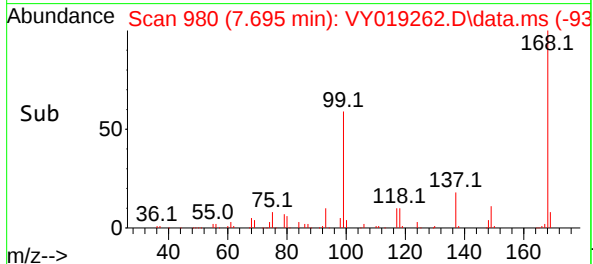


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

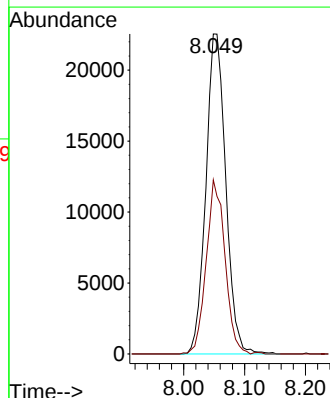
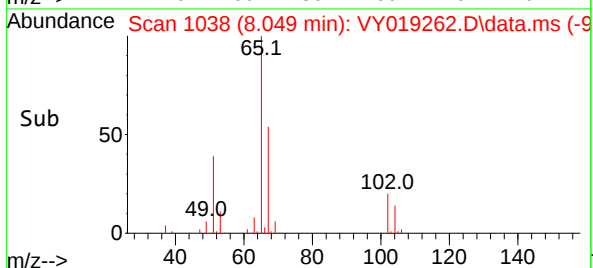
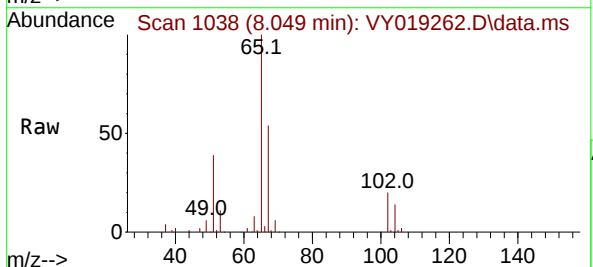


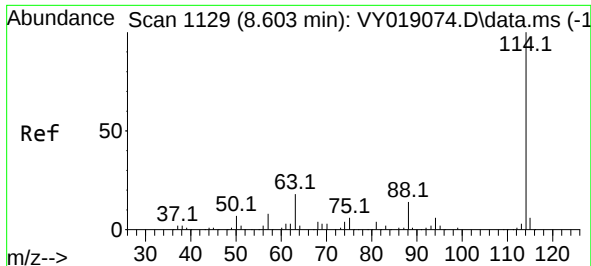
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 180.4 28.7 43.1#
84 122.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.089 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

Tgt Ion: 65 Resp: 51171
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019262.D

Acq: 23 Aug 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

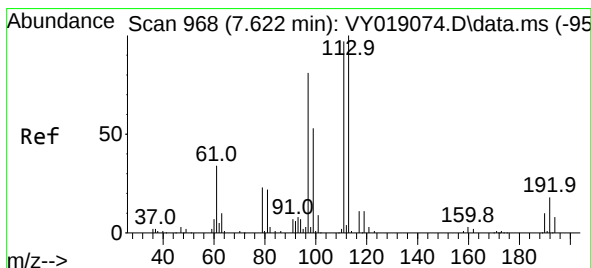
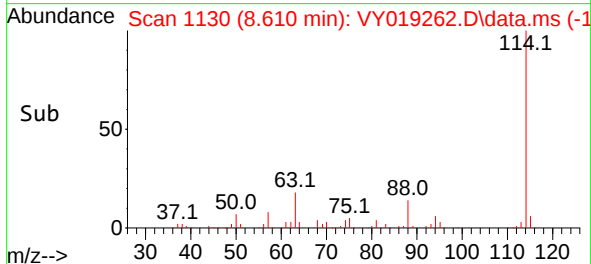
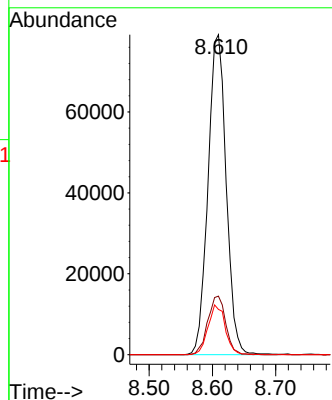
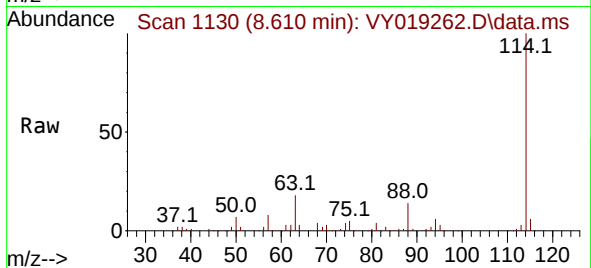
Tgt Ion:114 Resp: 158085

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.785 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019262.D

Acq: 23 Aug 2024 17:07

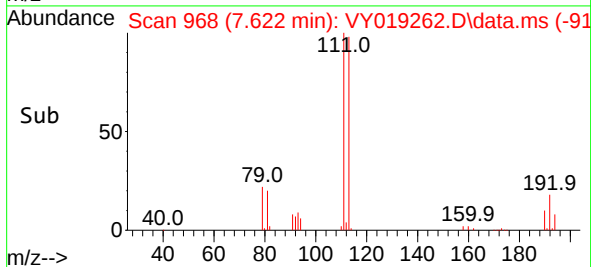
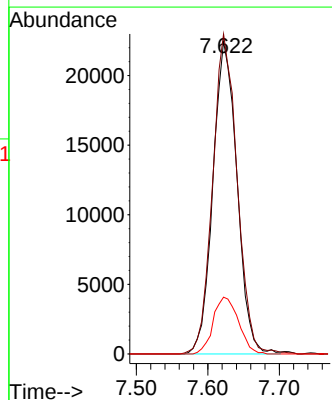
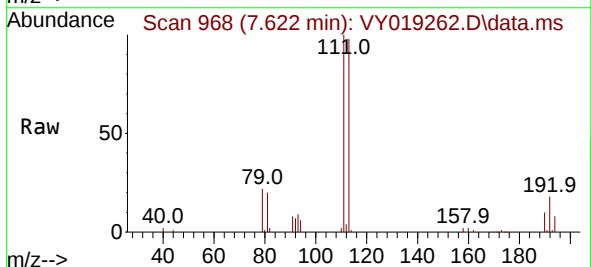
Tgt Ion:113 Resp: 52494

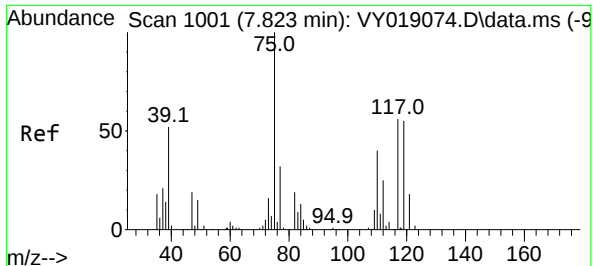
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019262.D

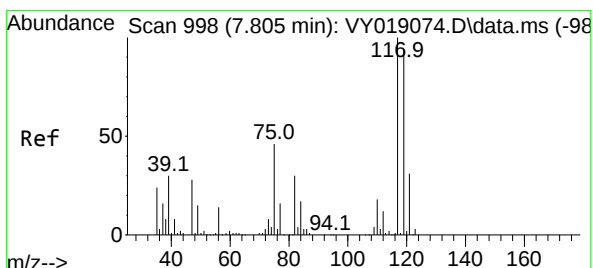
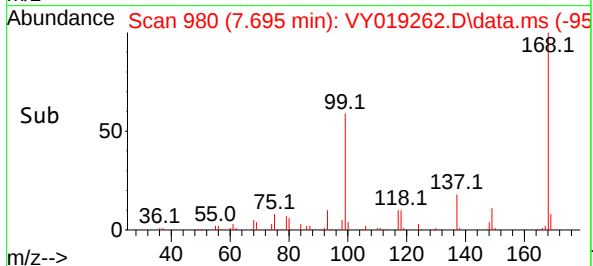
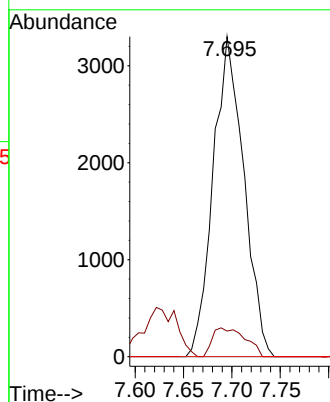
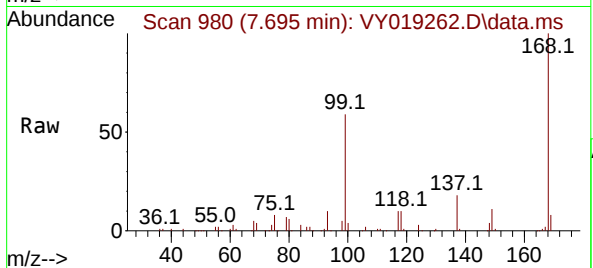
Acq: 23 Aug 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	7260
Ion Ratio	Lower	Upper
75	100	
110	9.7	19.0 57.0#
77	0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.702 ug/l

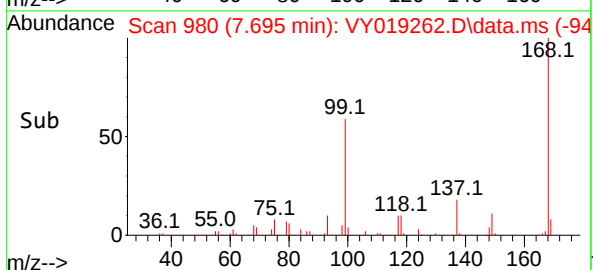
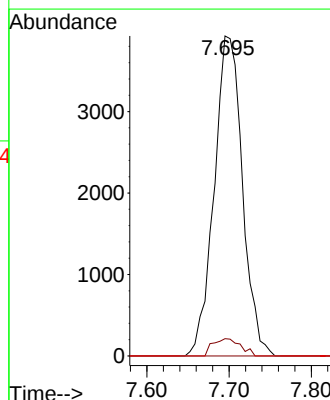
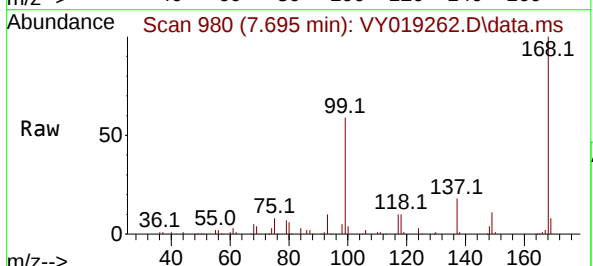
RT: 7.695 min Scan# 980

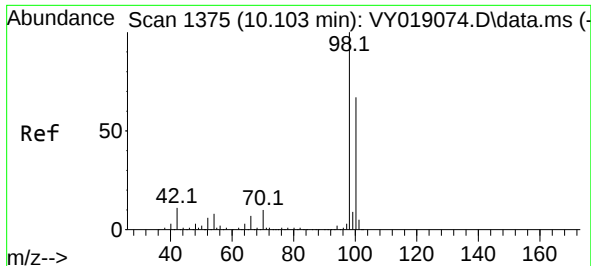
Delta R.T. -0.109 min

Lab File: VY019262.D

Acq: 23 Aug 2024 17:07

Tgt Ion: 117	Resp:	9379
Ion Ratio	Lower	Upper
117	100	
119	5.4	75.8 113.6#
121	0.0	24.0 36.0#

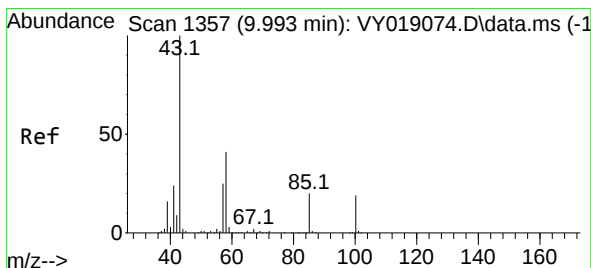
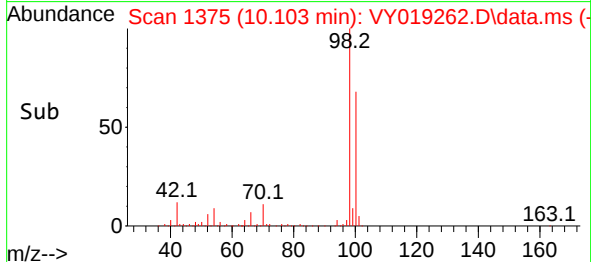
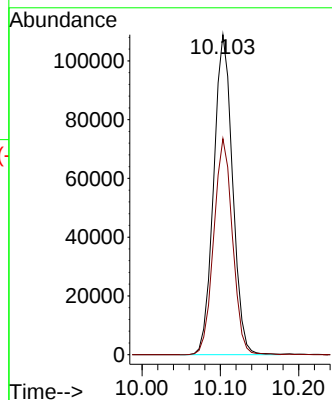
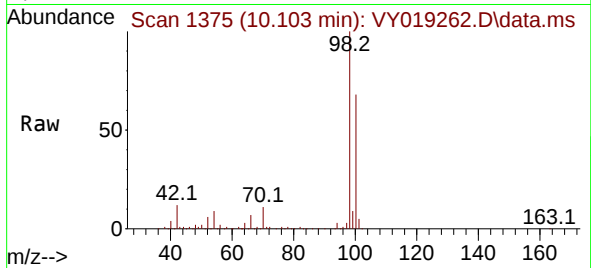




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

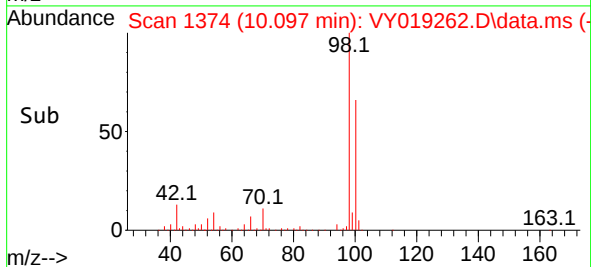
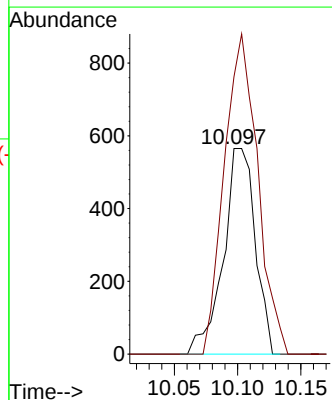
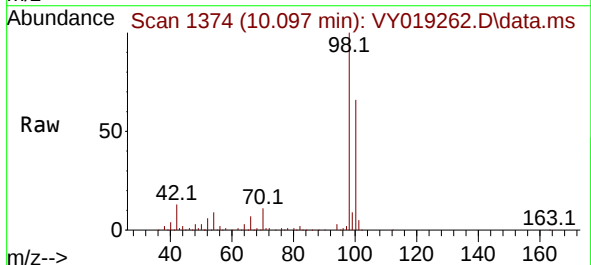
Instrument :
MSVOA_Y
ClientSampleId :

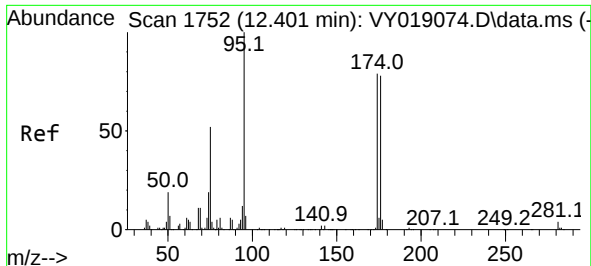
Tgt Ion: 98 Resp: 182326
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.468 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

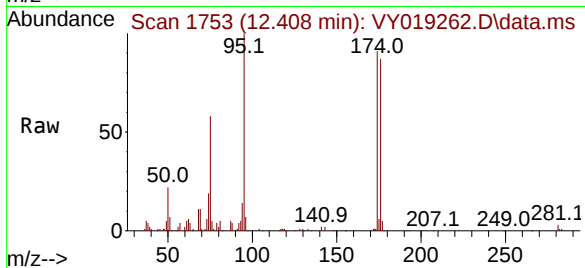
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 163.1 35.7 53.5#



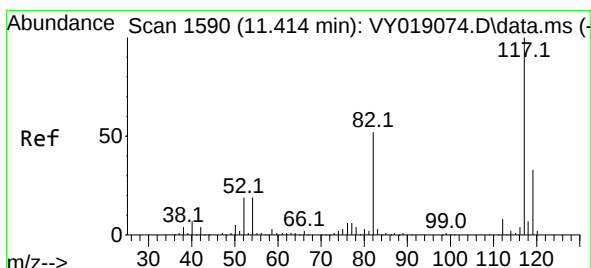
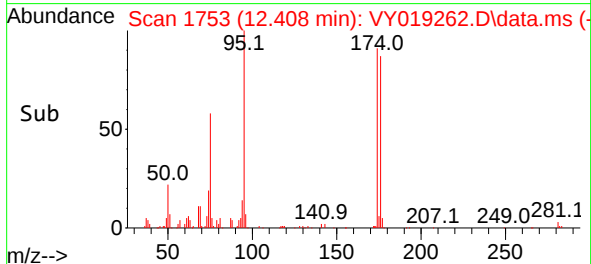
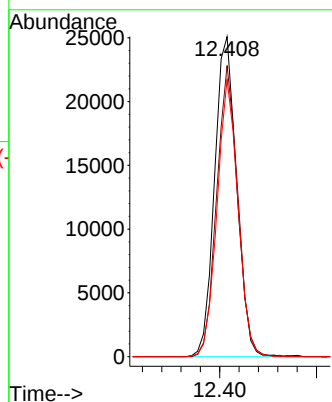


#62
4-Bromofluorobenzene
Concen: 31.198 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

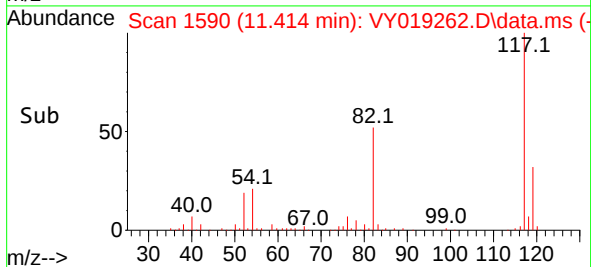
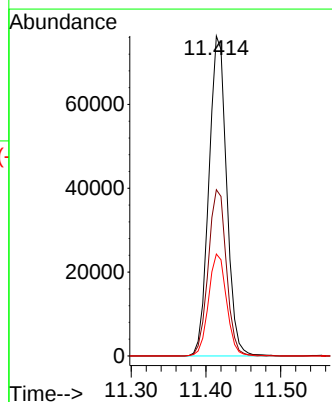
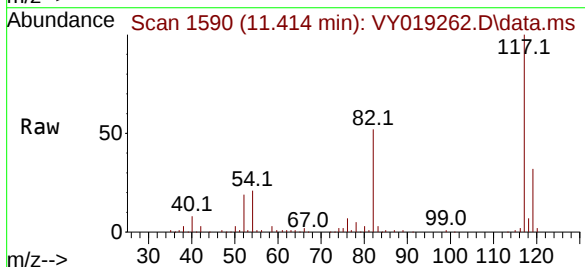


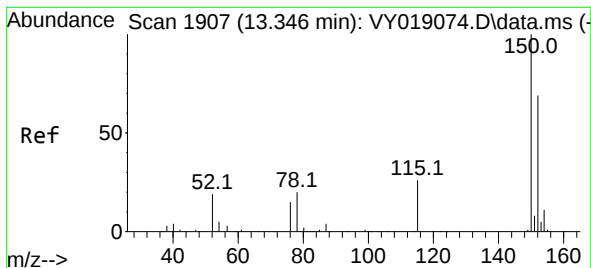
Tgt Ion: 95 Resp: 39561
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 82.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019262.D
Acq: 23 Aug 2024 17:07

Tgt Ion: 117 Resp: 125751
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.8 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: VY019262.D

Acq: 23 Aug 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

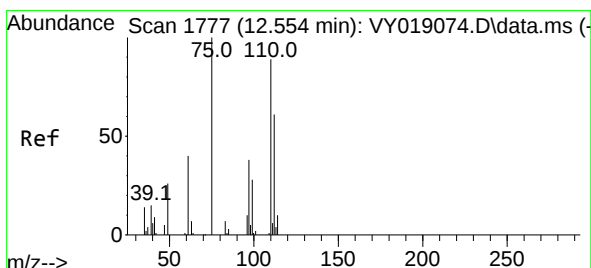
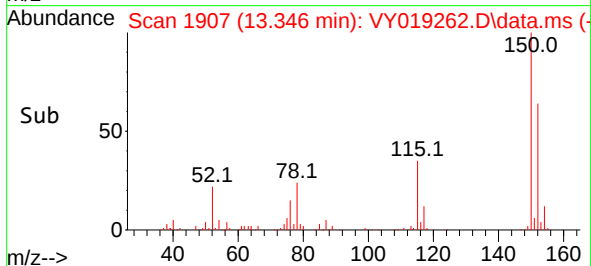
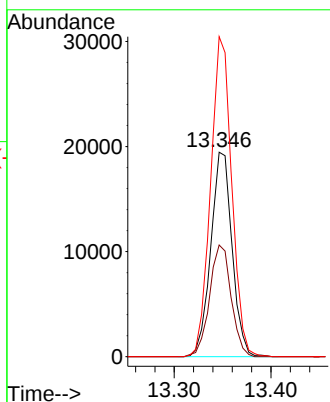
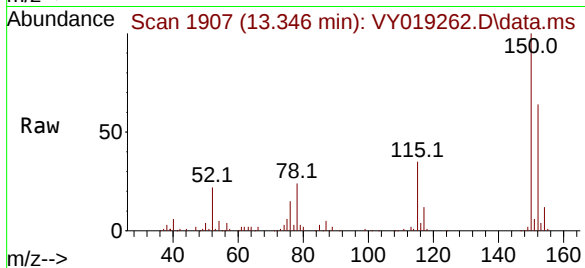
Tgt Ion:152 Resp: 29790

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 154.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 74.517 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019262.D

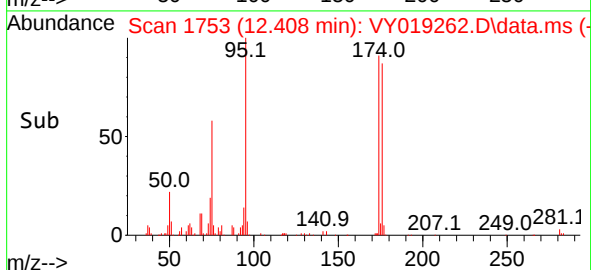
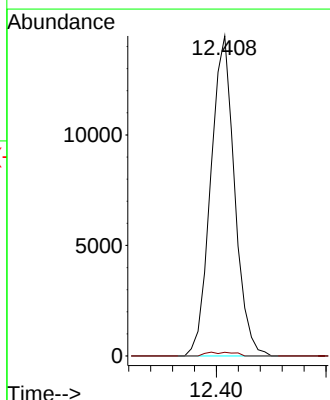
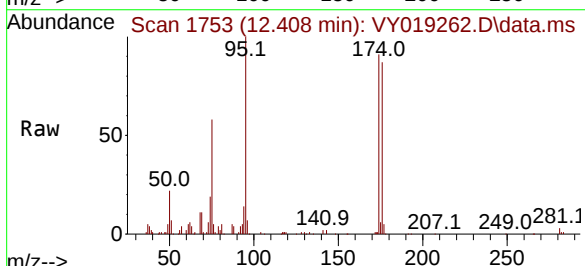
Acq: 23 Aug 2024 17:07

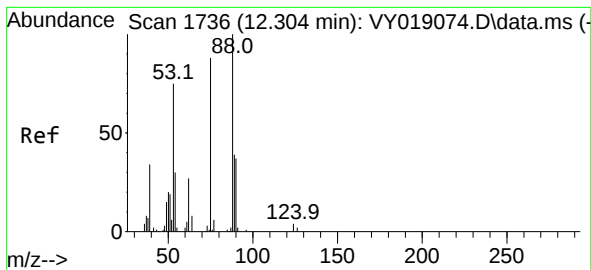
Tgt Ion: 75 Resp: 21892

Ion Ratio Lower Upper

75 100

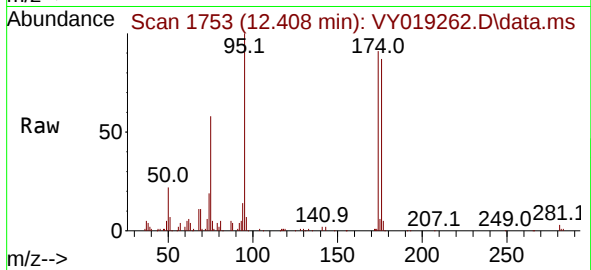
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 184.033 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019262.D
 Acq: 23 Aug 2024 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :



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

