

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016918.D
 Acq On : 05 Jan 2024 13:18
 Operator : SY/MD
 Sample : P1015-01
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

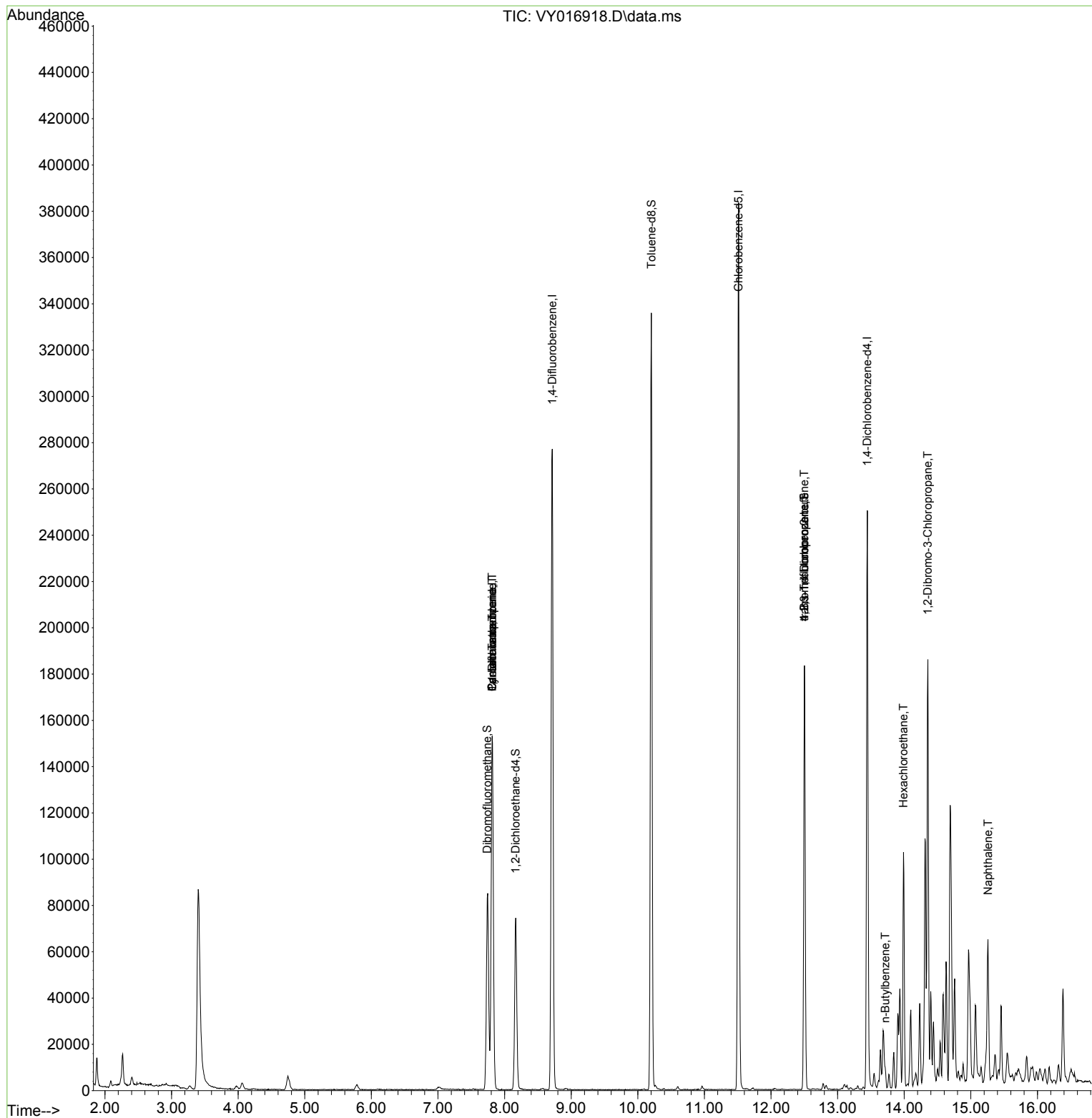
Internal Standards						
1) Pentafluorobenzene	7.813	168	118137	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	244828	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	211854	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	61247	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55971	47.936	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.740	113	62250	39.900	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.800%
50) Toluene-d8	10.203	98	218848	40.736	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.480%
62) 4-Bromofluorobenzene	12.501	95	56690	31.276	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	20	Below Cal	#	40
11) Tert butyl alcohol	4.985	59	144	Below Cal	#	75
16) Acetone	3.973	43	2618	Below Cal		98
20) Methylene Chloride	4.747	84	4285	Below Cal		98
25) 2-Butanone	7.021	43	619	Below Cal		99
31) Cyclohexane	7.813	56	2768	1.381	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	9938	4.371	ug/l #	49
38) Carbon Tetrachloride	7.813	117	11767	5.094	ug/l #	17
76) 1,2,3-Trichloropropane	12.501	75	30325	45.626	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	30325	103.605	ug/l #	12
89) n-Butylbenzene	13.715	91	6392	1.560	ug/l #	71
90) Hexachloroethane	13.989	117	5010	5.472	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.355	75	749	5.861	ug/l #	1
95) Naphthalene	15.257	128	48271	30.130	ug/l	99

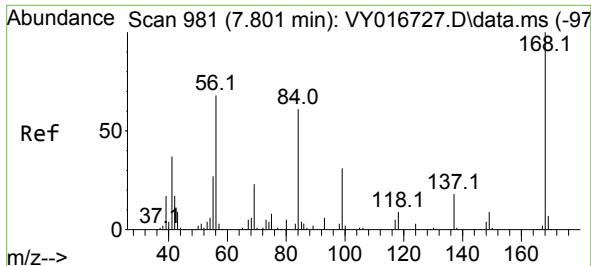
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
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Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
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MSVOA_Y
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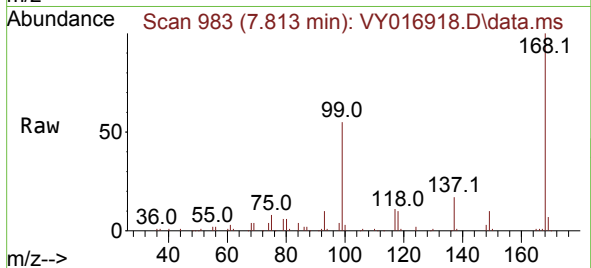
Quant Time: Jan 05 22:35:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



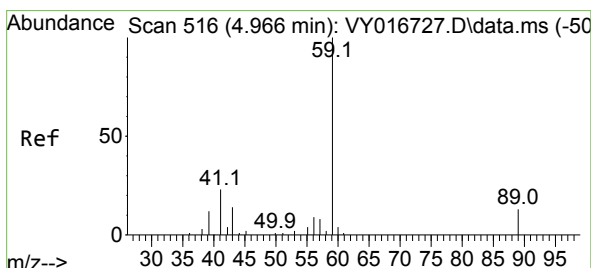
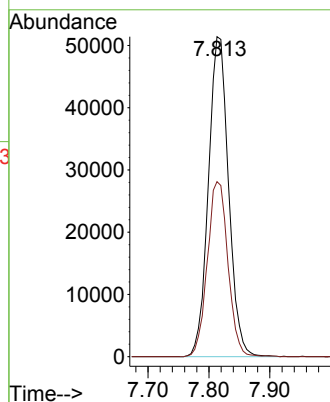
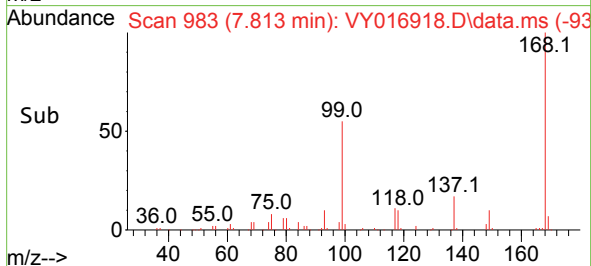


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

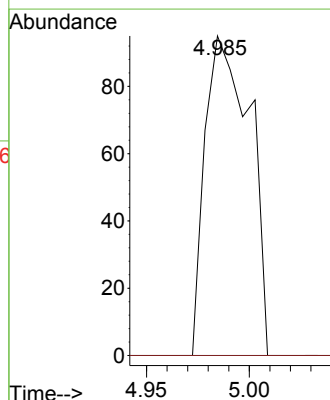
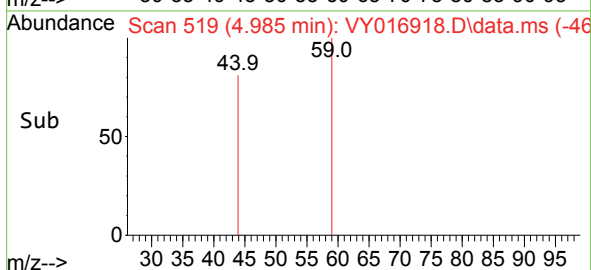
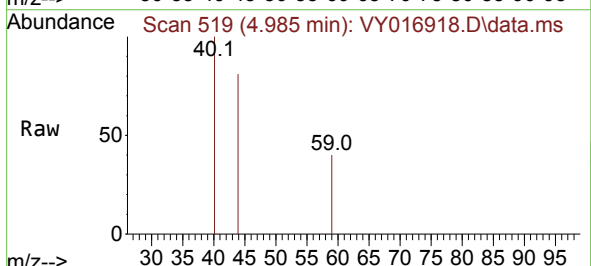


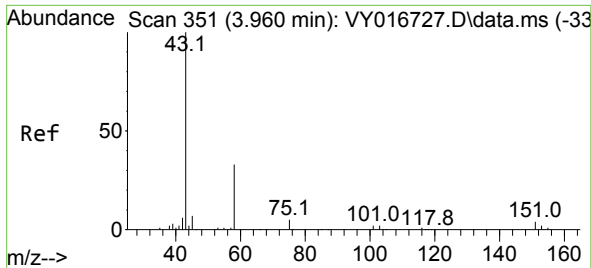
Tgt Ion:168 Resp: 118137
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.973 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

Instrument :

MSVOA_Y

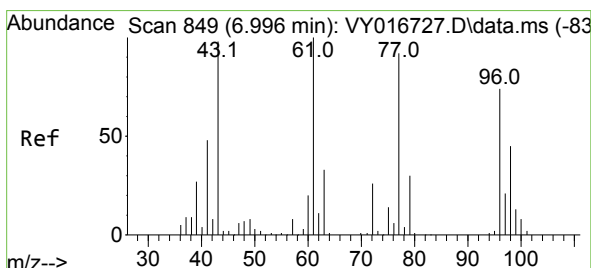
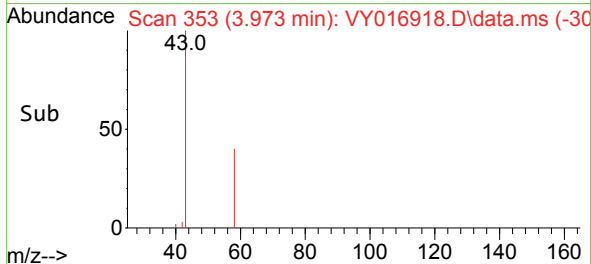
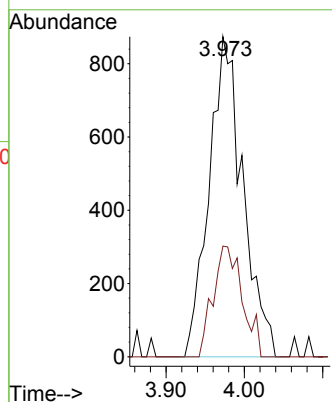
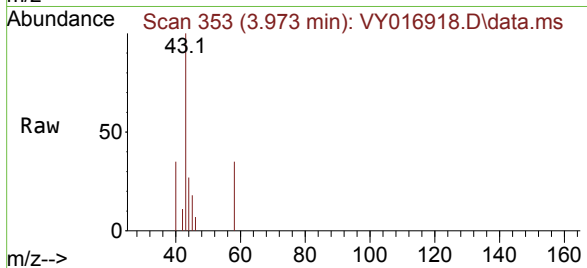
ClientSampleId :

Tgt Ion: 43 Resp: 2618

Ion Ratio Lower Upper

43 100

58 34.6 26.6 39.8



#25

2-Butanone

Concen: Below Cal

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016918.D

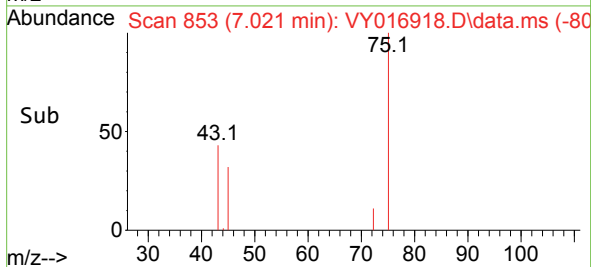
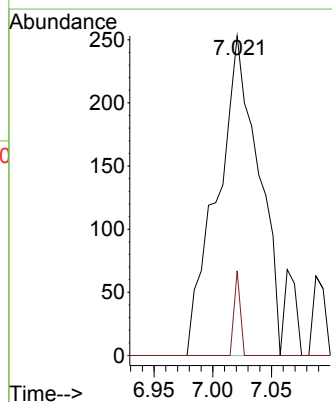
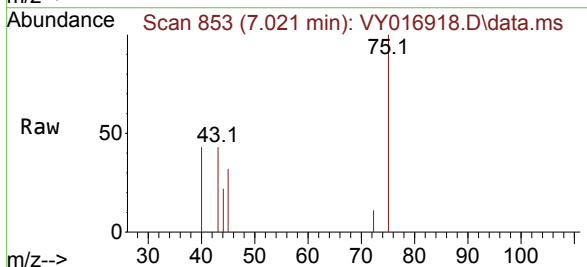
Acq: 05 Jan 2024 13:18

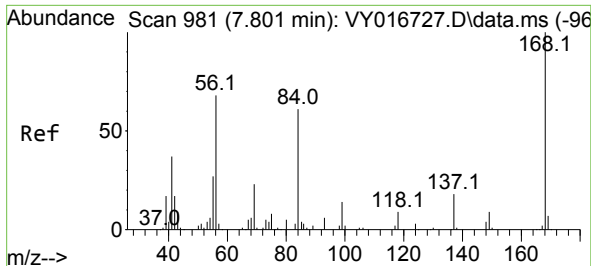
Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

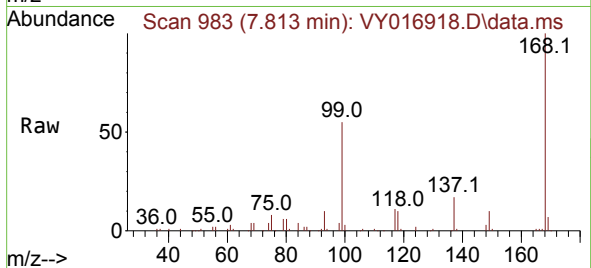
72 26.5 21.4 32.2



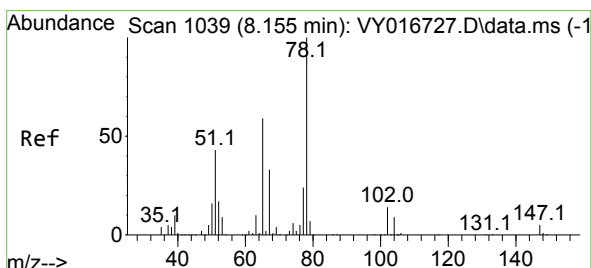
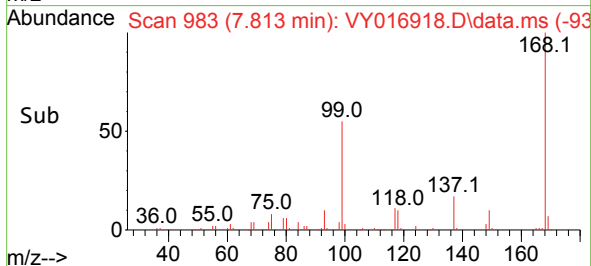
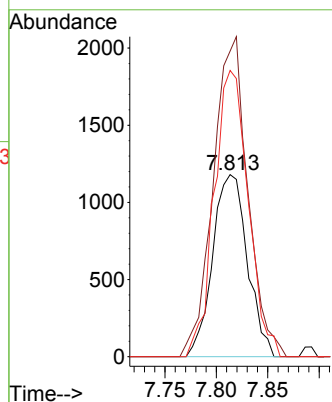


#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

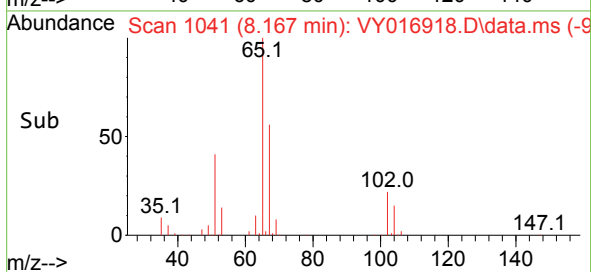
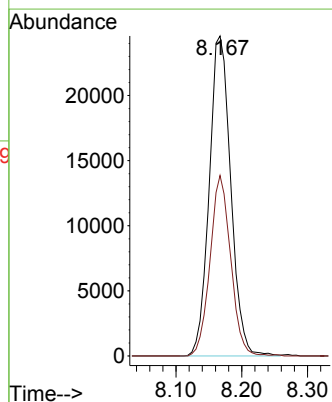
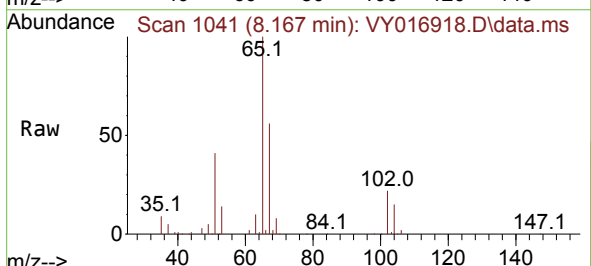


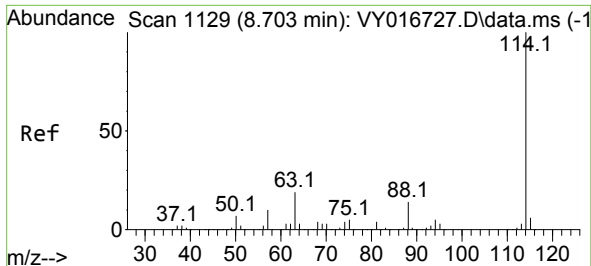
Tgt Ion: 56 Resp: 2768
Ion Ratio Lower Upper
56 100
69 167.9 27.0 40.6#
84 157.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.936 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Tgt Ion: 65 Resp: 55971
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

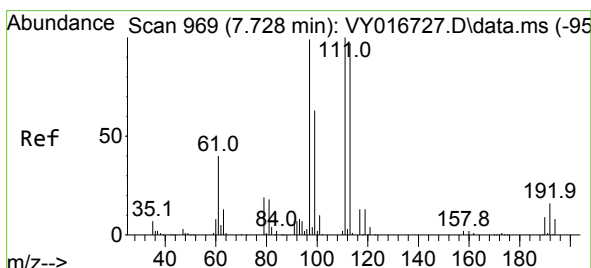
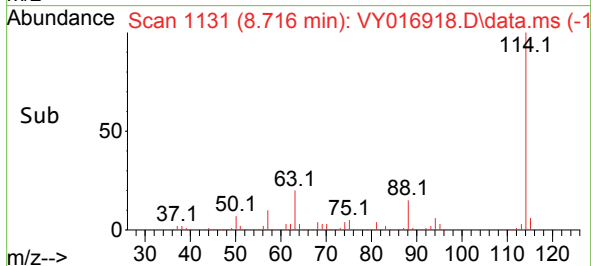
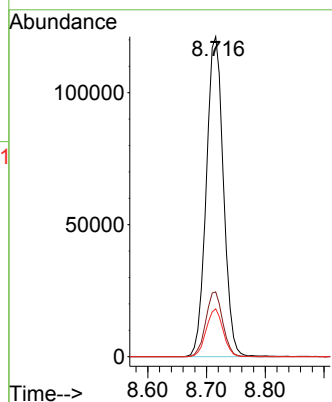
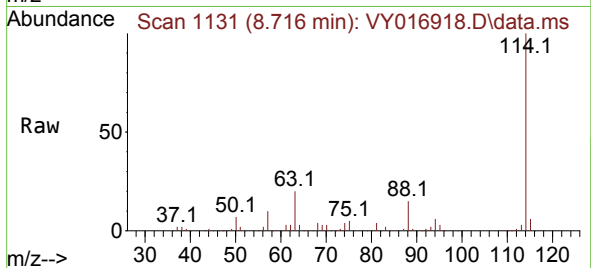
Tgt Ion:114 Resp: 244828

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.900 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

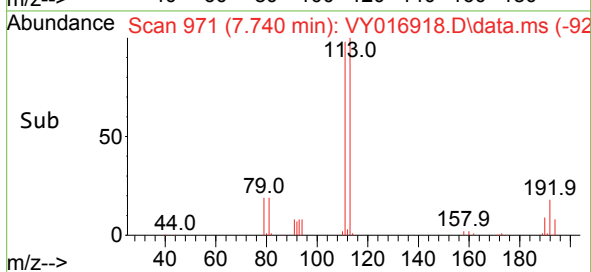
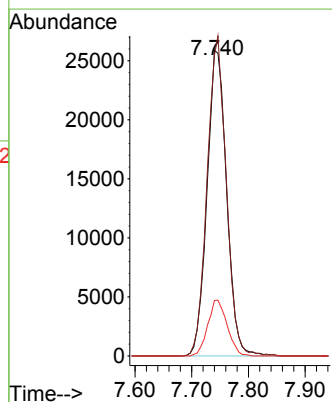
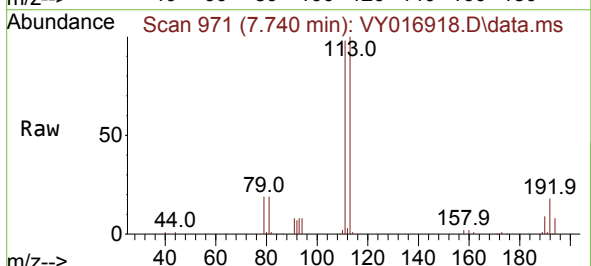
Tgt Ion:113 Resp: 62250

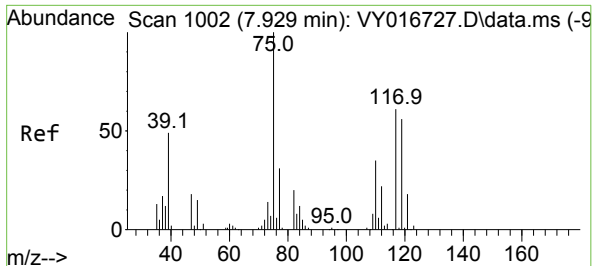
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

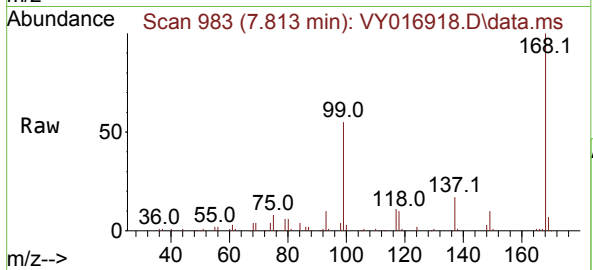
192 18.0 14.5 21.7



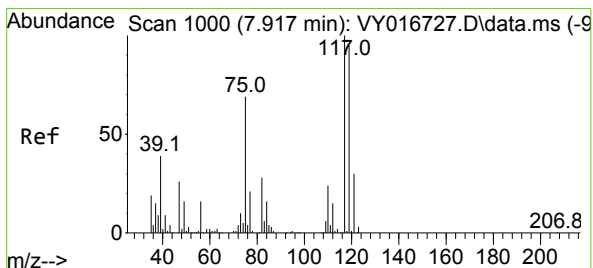
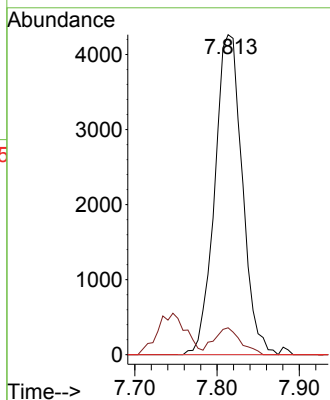
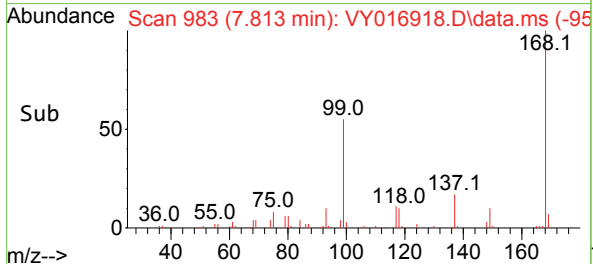


#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

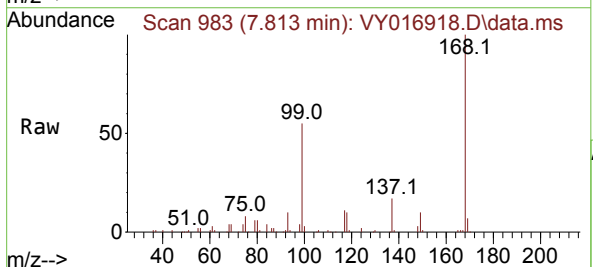
Instrument :
MSVOA_Y
ClientSampleId :



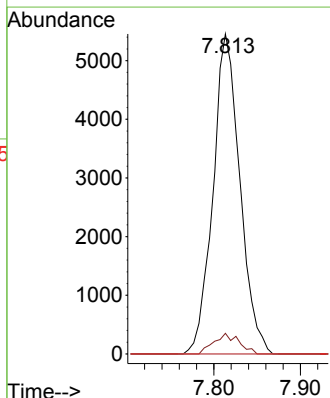
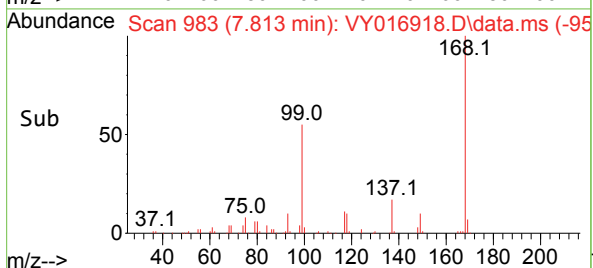
Tgt Ion: 75 Resp: 9938
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#

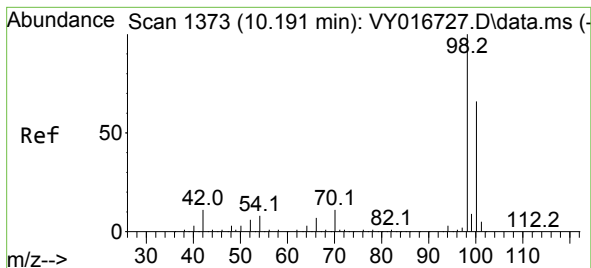


#38
Carbon Tetrachloride
Concen: 5.094 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18



Tgt Ion: 117 Resp: 11767
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 40.736 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

Instrument :

MSVOA_Y

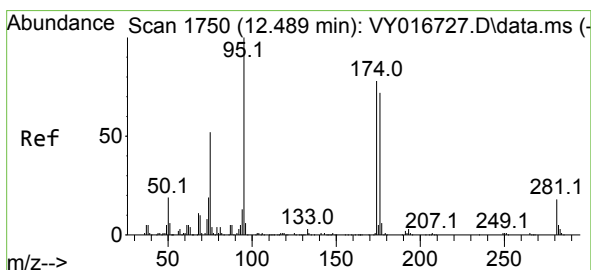
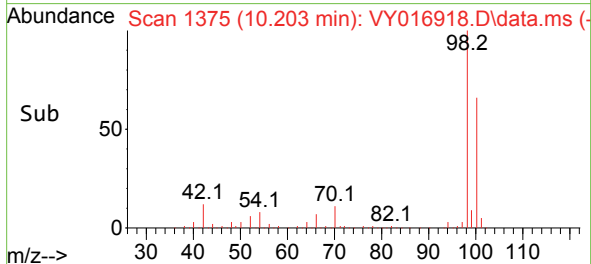
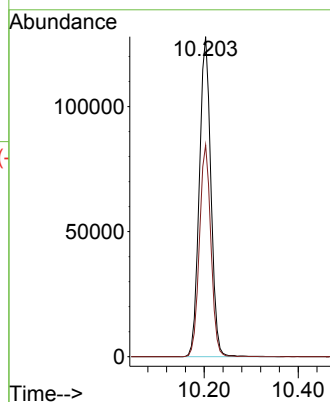
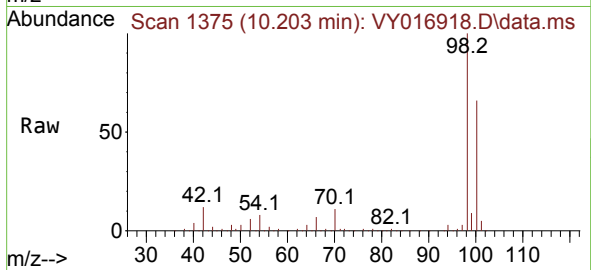
ClientSampleId :

Tgt Ion: 98 Resp: 218848

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 31.276 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

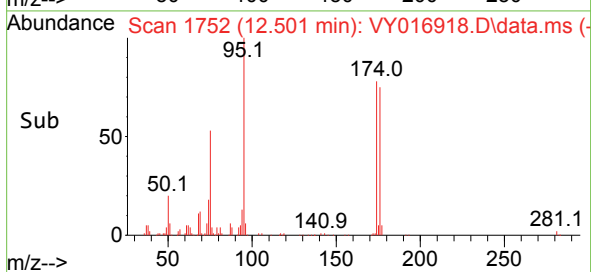
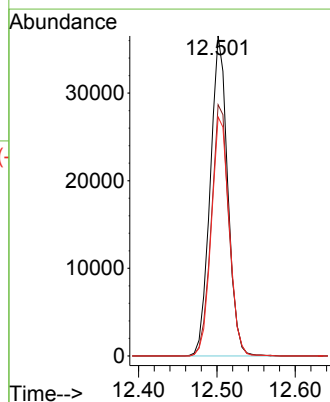
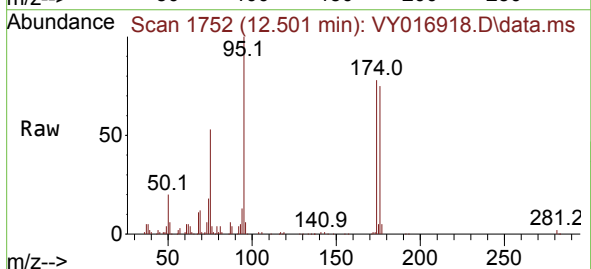
Tgt Ion: 95 Resp: 56690

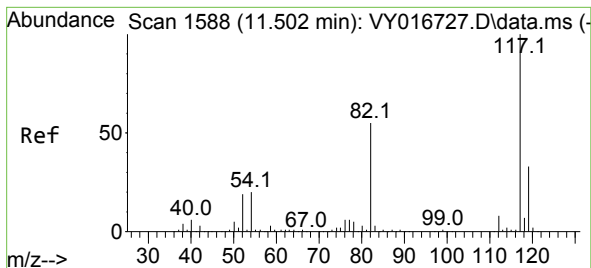
Ion Ratio Lower Upper

95 100

174 78.9 0.0 160.0

176 76.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

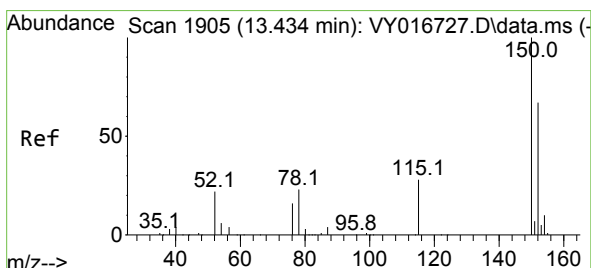
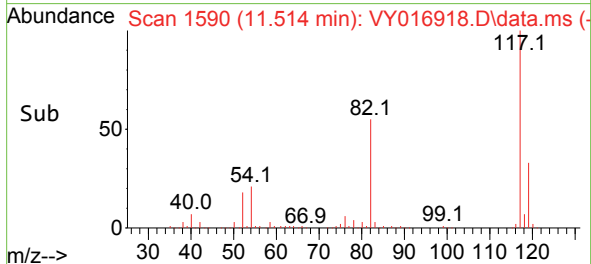
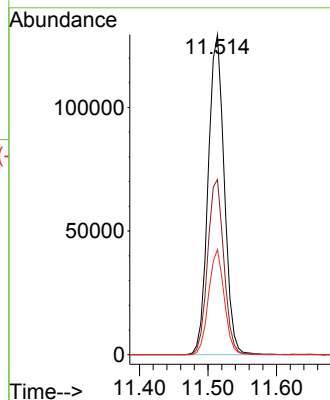
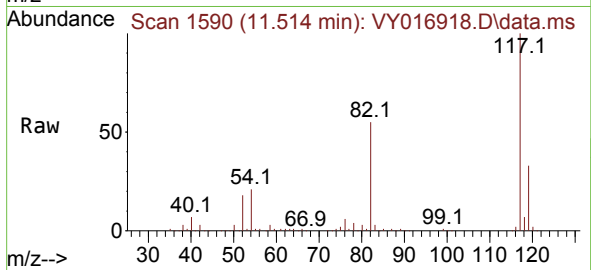
Tgt Ion:117 Resp: 211854

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 32.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

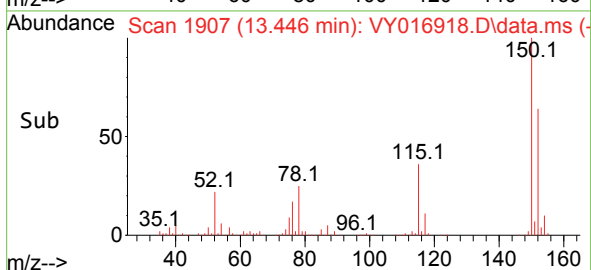
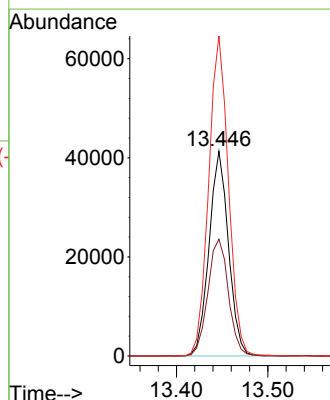
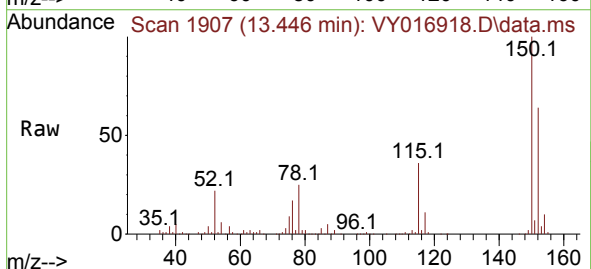
Tgt Ion:152 Resp: 61247

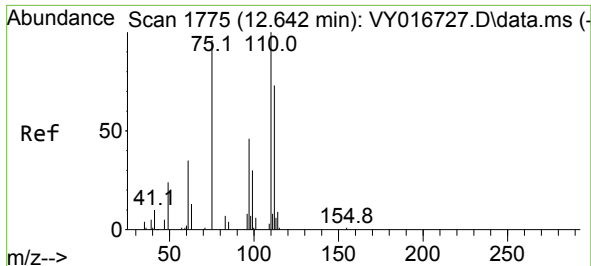
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.5 0.0 344.6

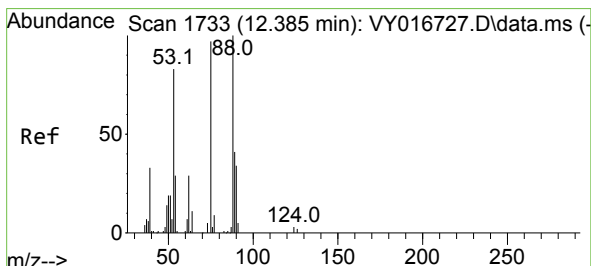
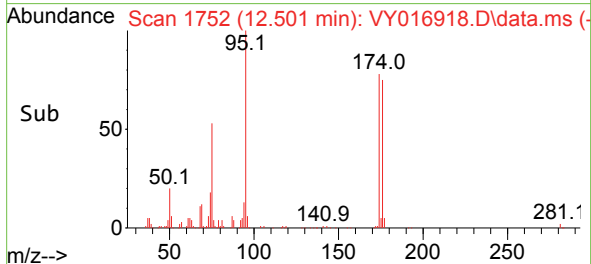
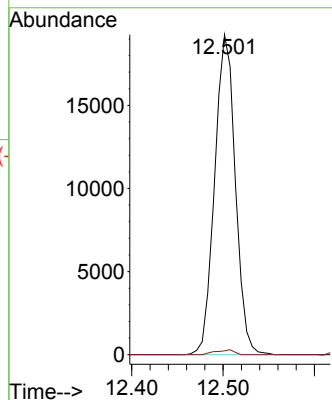
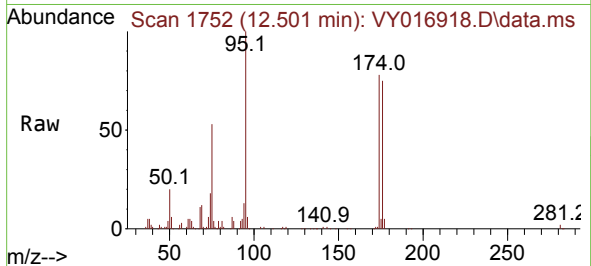




#76
1,2,3-Trichloropropane
Concen: 45.626 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

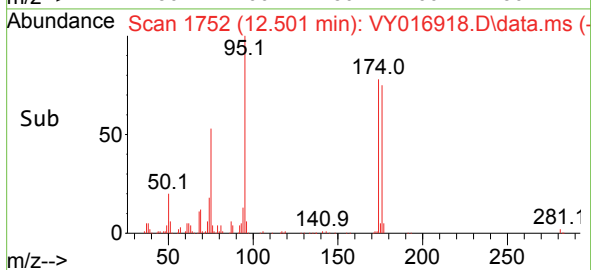
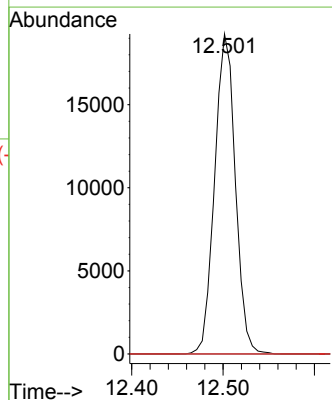
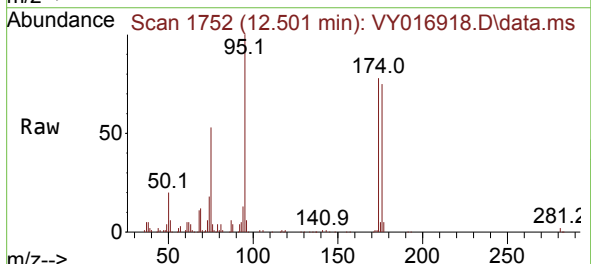
Instrument :
MSVOA_Y
ClientSampleId :

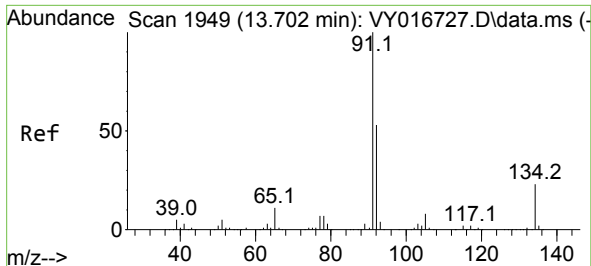
Tgt Ion: 75 Resp: 30325
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.605 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Tgt Ion: 75 Resp: 30325
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#89

n-Butylbenzene

Concen: 1.560 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VY016918.D

Acq: 05 Jan 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

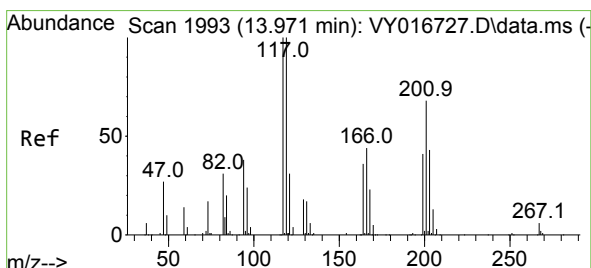
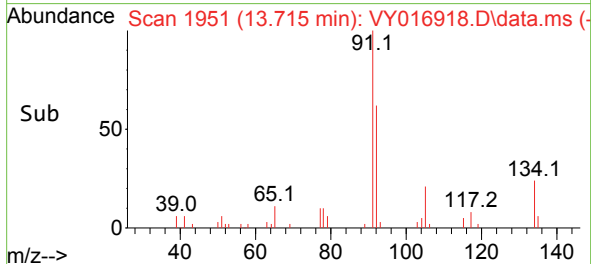
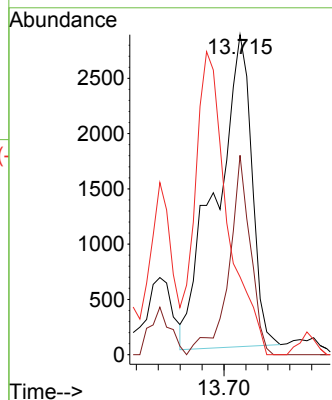
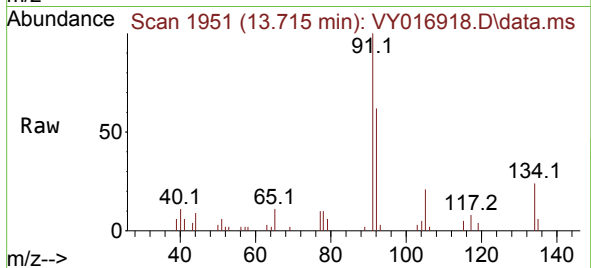
Tgt Ion: 91 Resp: 6392

Ion Ratio Lower Upper

91 100

92 38.5 26.4 79.2

134 0.0 12.3 36.8#



#90

Hexachloroethane

Concen: 5.472 ug/l

RT: 13.989 min Scan# 1996

Delta R.T. 0.018 min

Lab File: VY016918.D

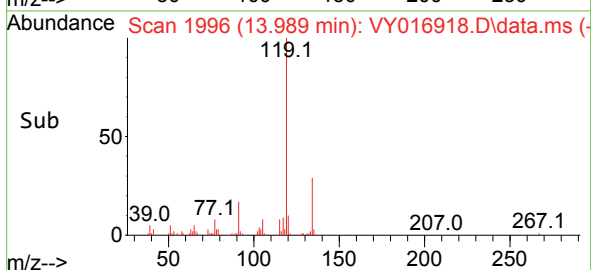
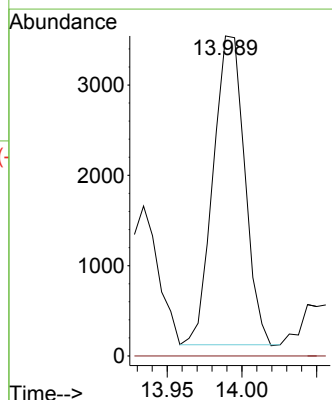
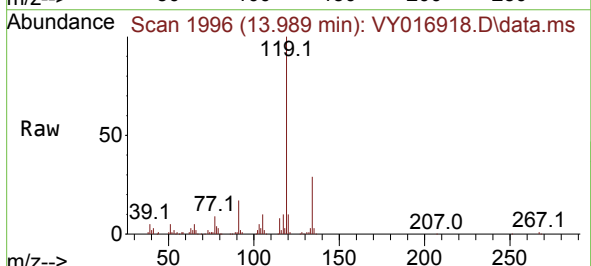
Acq: 05 Jan 2024 13:18

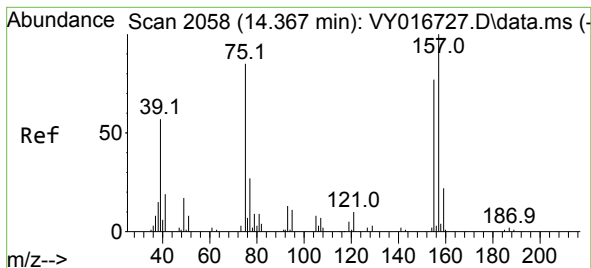
Tgt Ion: 117 Resp: 5010

Ion Ratio Lower Upper

117 100

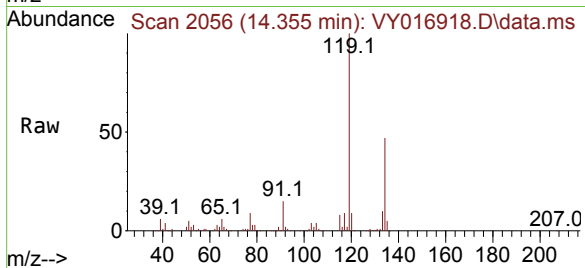
201 0.0 33.4 100.1#



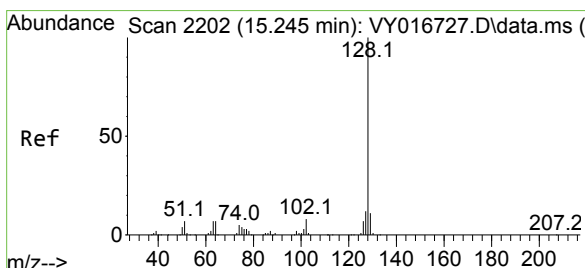
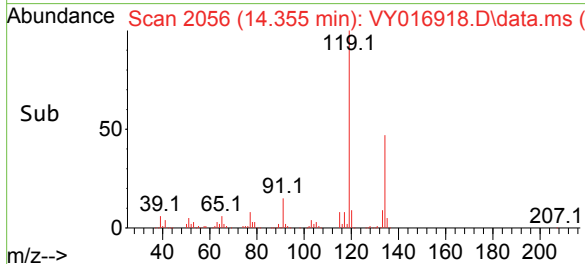
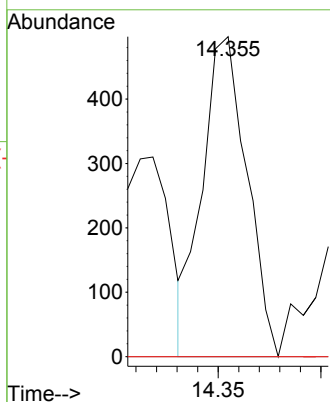


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.861 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 749
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 55.8 167.4#



#95
Naphthalene
Concen: 30.130 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY016918.D
Acq: 05 Jan 2024 13:18

Tgt Ion: 128 Resp: 48271
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.6 12.8

