

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019291.D
 Acq On : 27 Aug 2024 17:15
 Operator : SY/MD
 Sample : P3663-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:47:07 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)

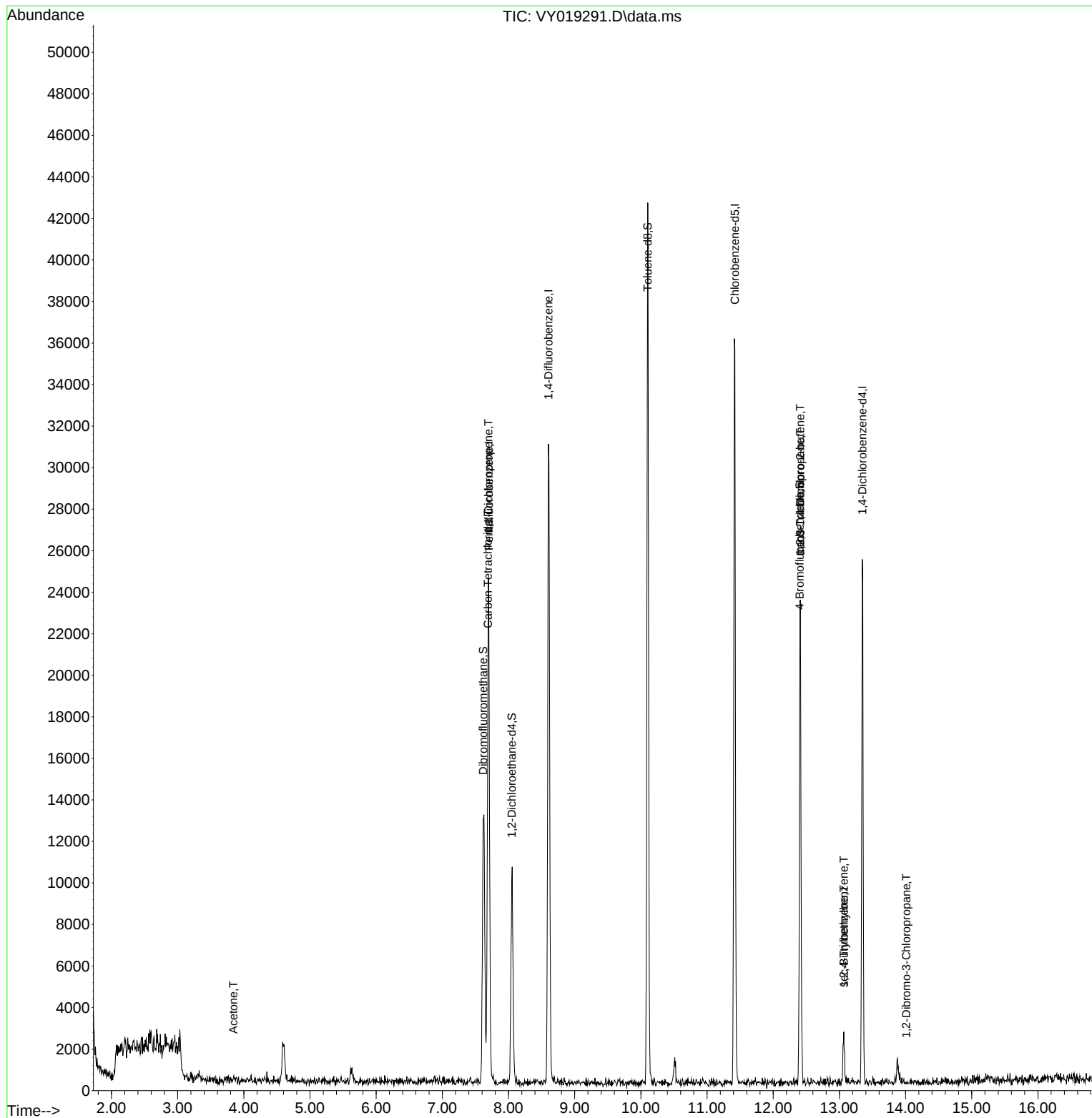
Internal Standards						
1) Pentafluorobenzene	7.701	168	17984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	27476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	20498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7784	43.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.360%
35) Dibromofluoromethane	7.616	113	9589	53.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.103	98	27252	42.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.300%
62) 4-Bromofluorobenzene	12.402	95	6745	30.604	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.200%
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	133	Below Cal	#	72
16) Acetone	3.842	43	202	6.042	ug/l #	36
20) Methylene Chloride	4.592	84	1520	Below Cal		92
31) Cyclohexane	7.689	56	447	Below Cal	#	48
36) 1,1-Dichloropropene	7.695	75	1329	5.387	ug/l #	42
38) Carbon Tetrachloride	7.689	117	1858	6.499	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	3469	56.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	3469	139.667	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.066	105	931	2.405	ug/l #	30
85) sec-Butylbenzene	13.066	105	931	1.781	ug/l #	56
92) 1,2-Dibromo-3-Chloropr...	14.011	75	21	1.682	ug/l #	1

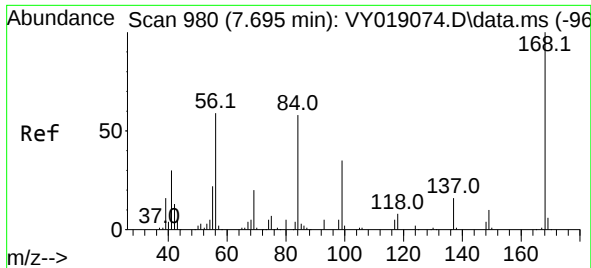
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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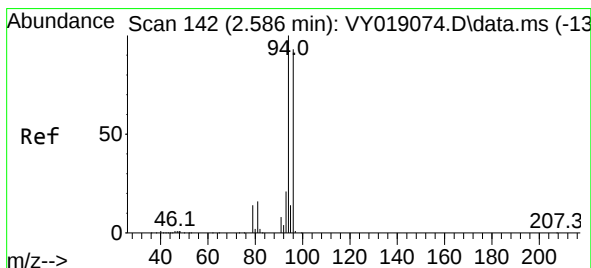
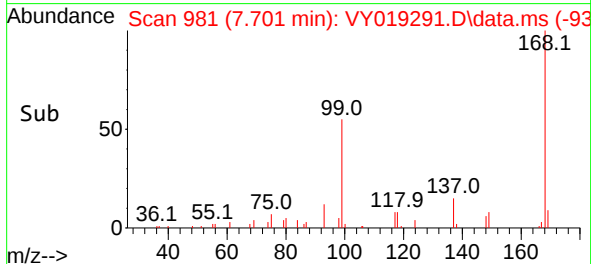
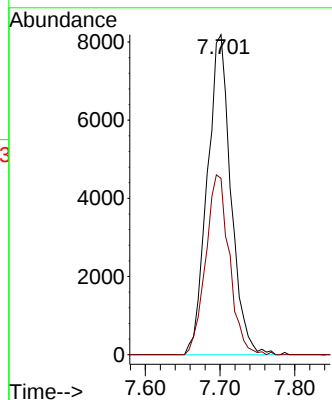
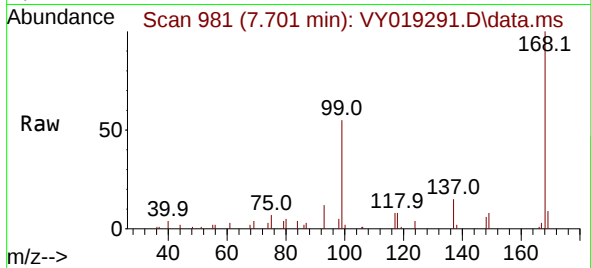




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

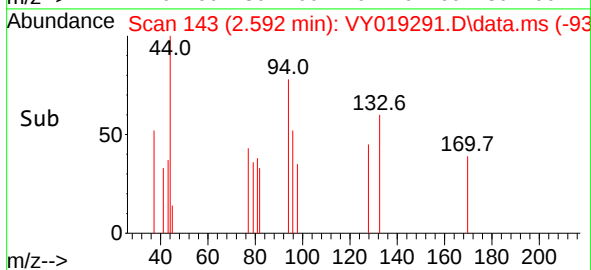
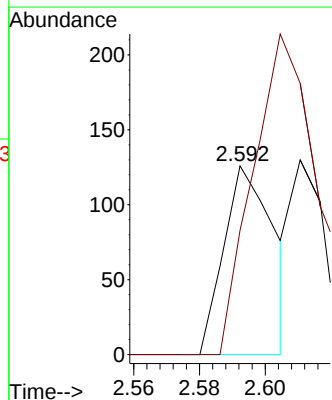
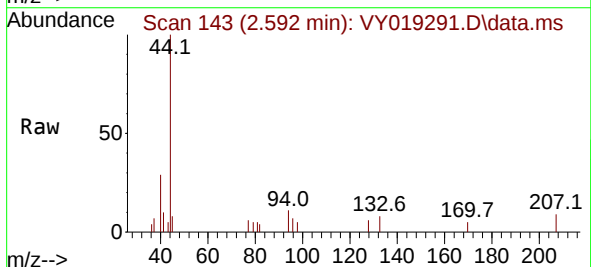
Instrument :
MSVOA_Y
ClientSampleId :

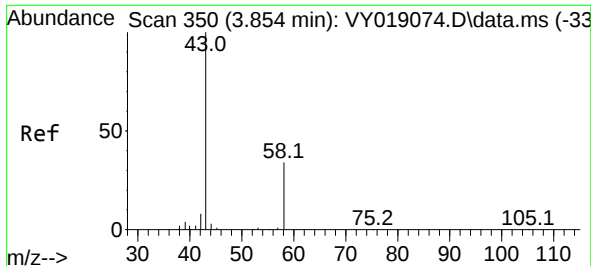
Tgt Ion:168 Resp: 17984
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 65.9 74.1 111.1#





#16

Acetone

Concen: 6.042 ug/l

RT: 3.842 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

Instrument :

MSVOA_Y

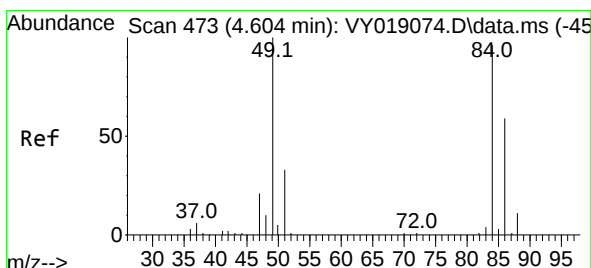
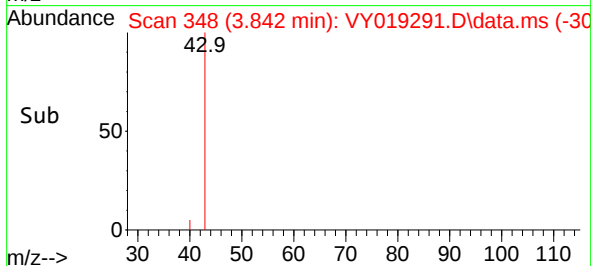
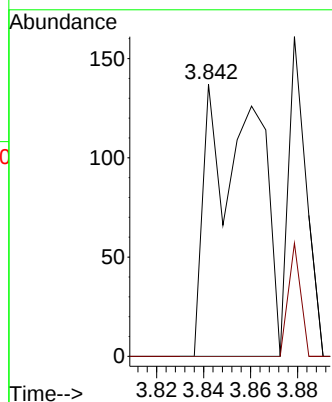
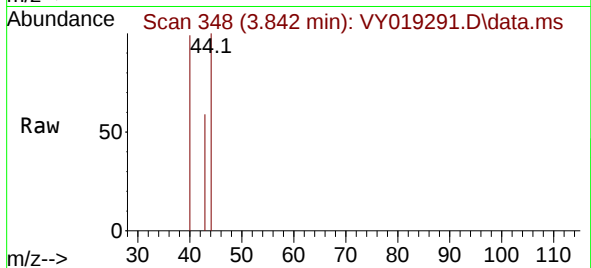
ClientSampleId :

Tgt Ion: 43 Resp: 202

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.592 min Scan# 471

Delta R.T. -0.012 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

Tgt Ion: 84 Resp: 1520

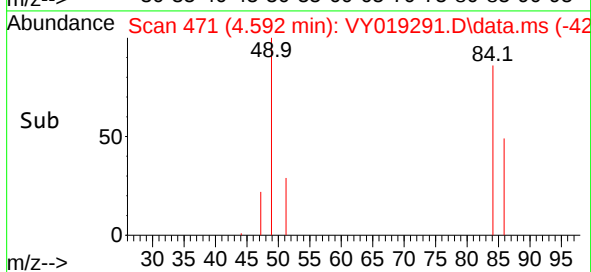
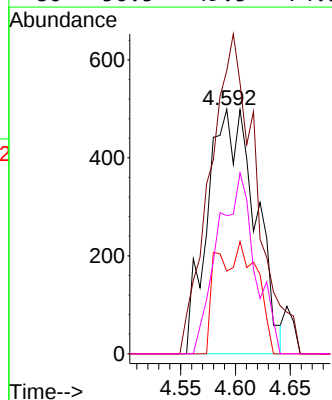
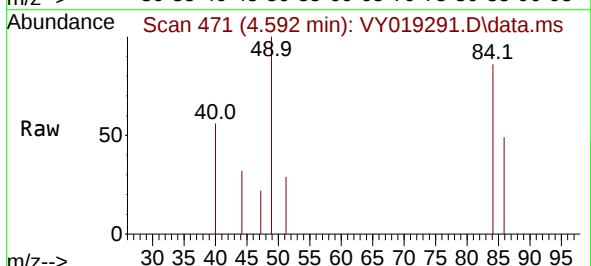
Ion Ratio Lower Upper

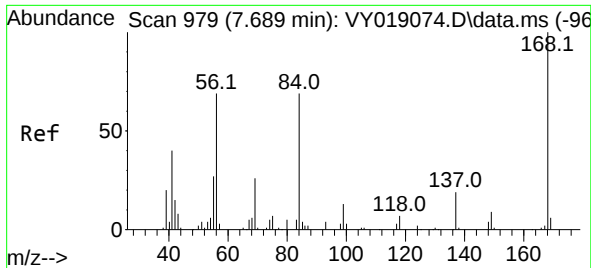
84 100

49 115.8 84.4 126.6

51 33.9 26.0 39.0

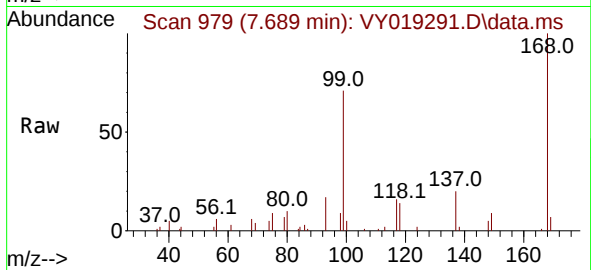
86 56.5 49.5 74.3



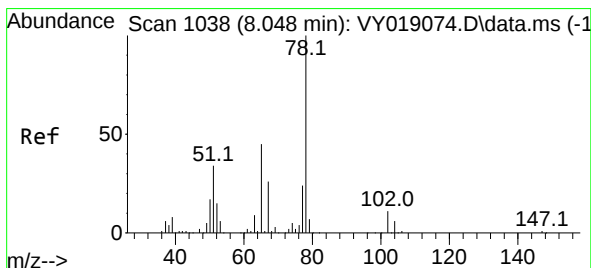
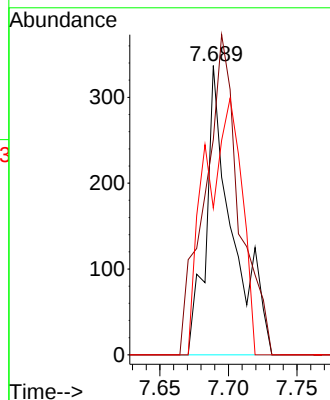
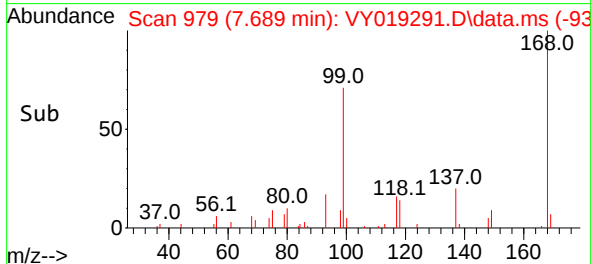


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

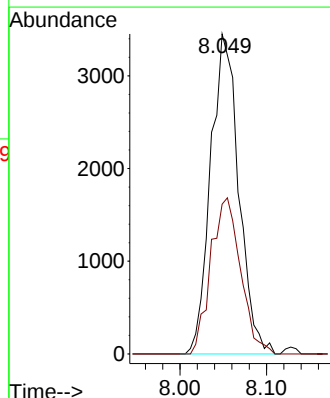
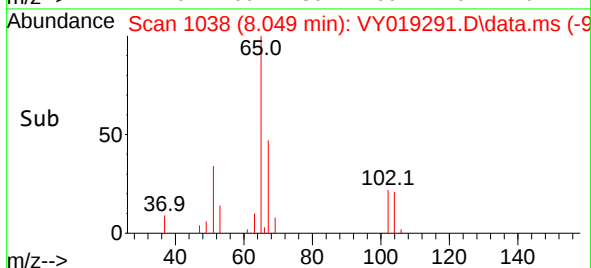
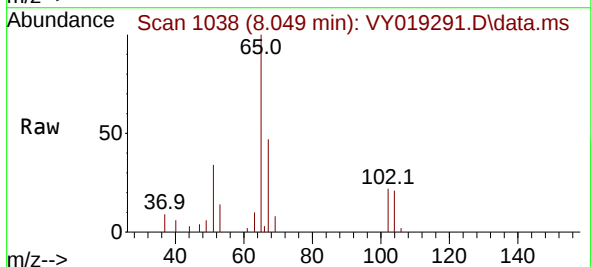


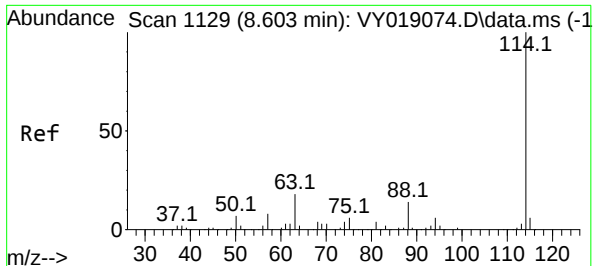
Tgt Ion: 56 Resp: 447
Ion Ratio Lower Upper
56 100
69 74.5 28.7 43.1#
84 50.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 43.178 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

Tgt Ion: 65 Resp: 7784
Ion Ratio Lower Upper
65 100
67 51.6 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: VY019291.D

Acq: 27 Aug 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

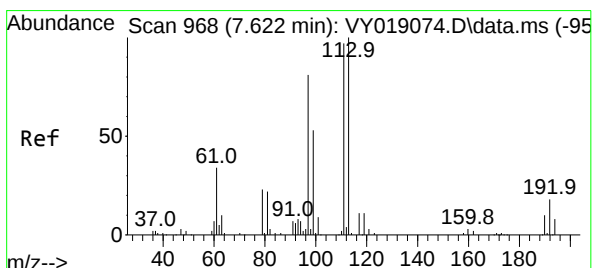
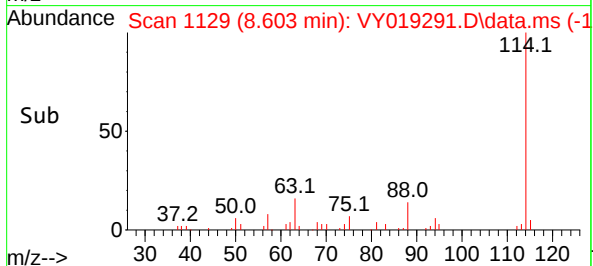
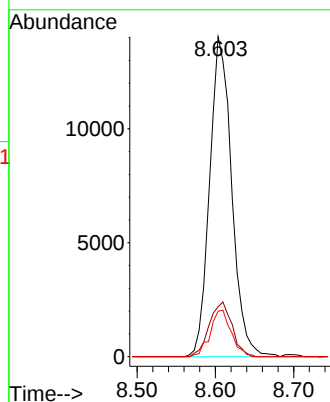
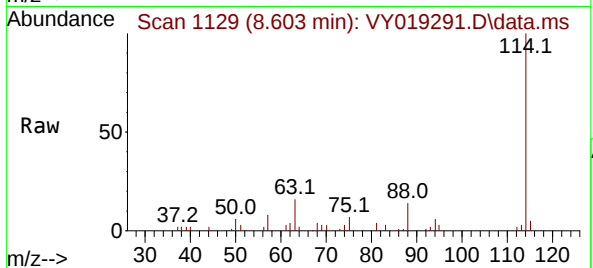
Tgt Ion:114 Resp: 27476

Ion Ratio Lower Upper

114 100

63 15.6 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.375 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

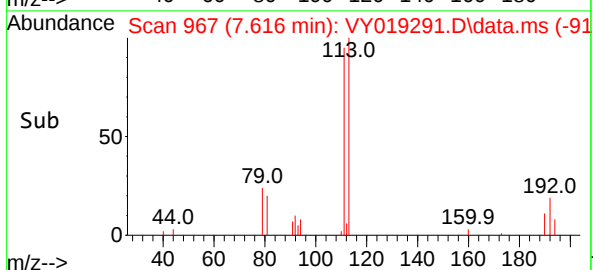
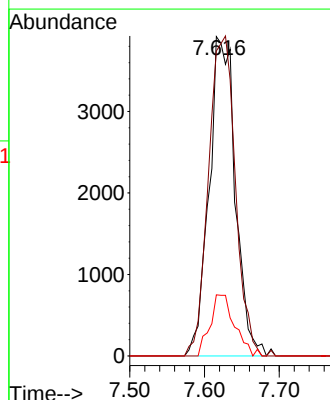
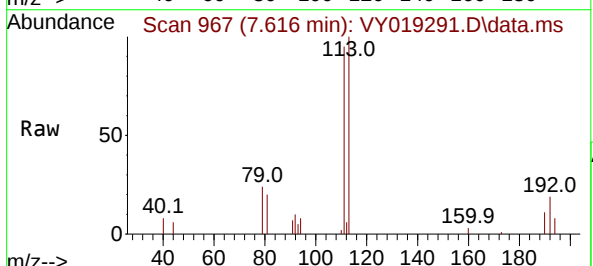
Tgt Ion:113 Resp: 9589

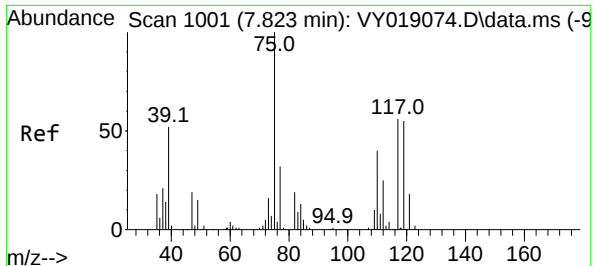
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.387 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

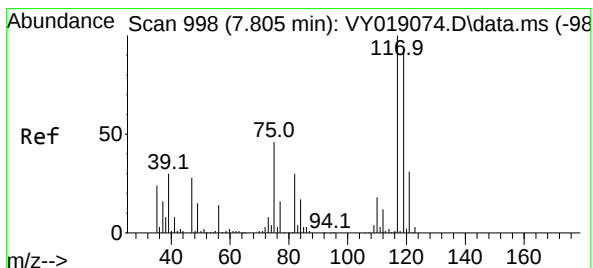
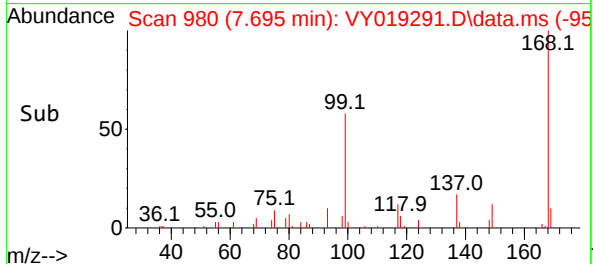
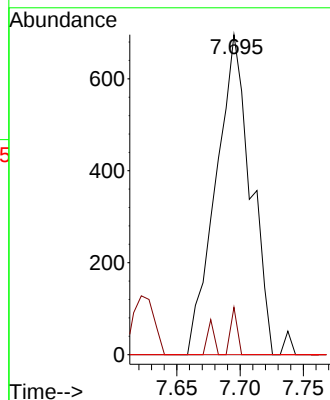
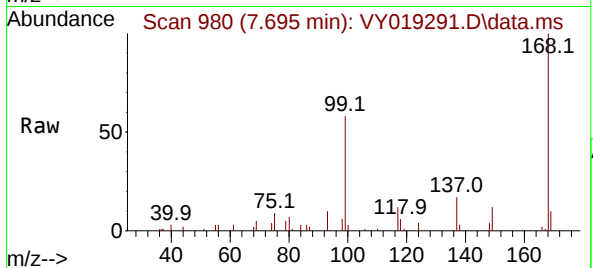
Tgt Ion: 75 Resp: 1329

Ion Ratio Lower Upper

75 100

110 2.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.499 ug/l

RT: 7.689 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

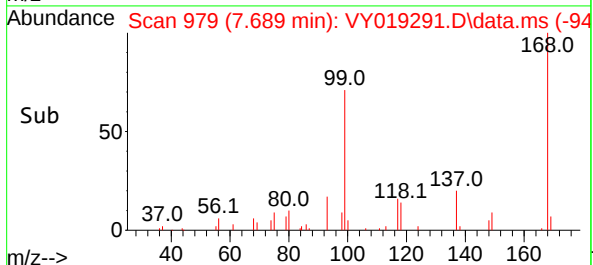
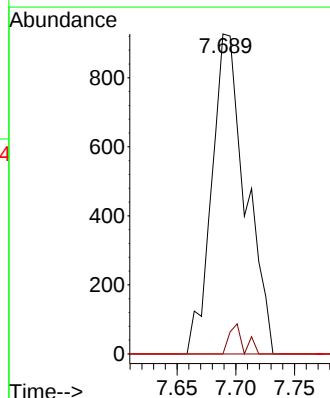
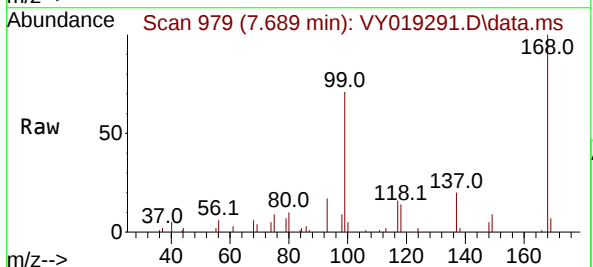
Tgt Ion: 117 Resp: 1858

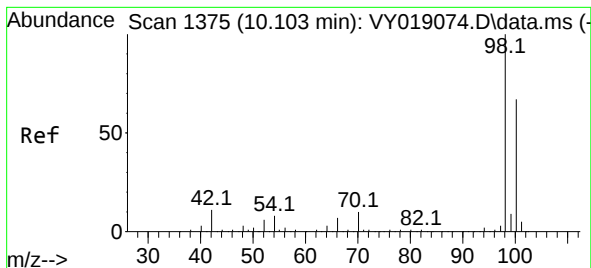
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 42.152 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

Instrument :

MSVOA_Y

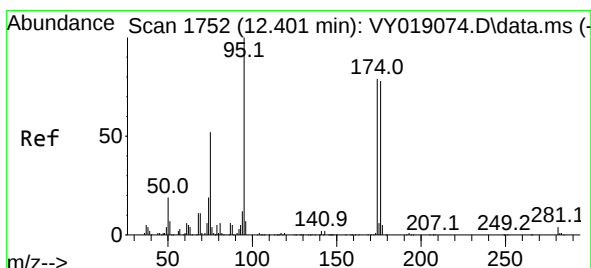
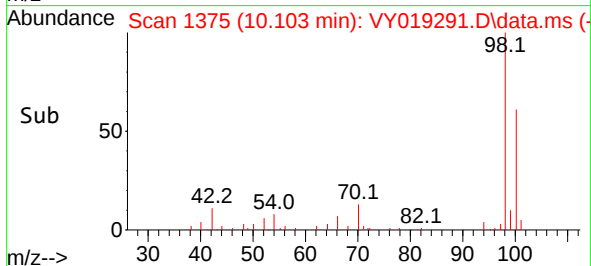
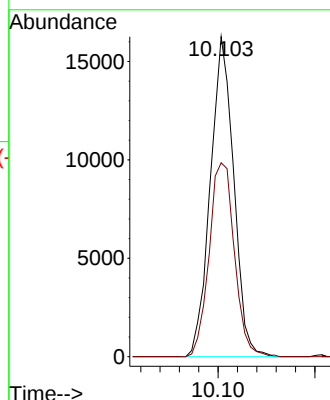
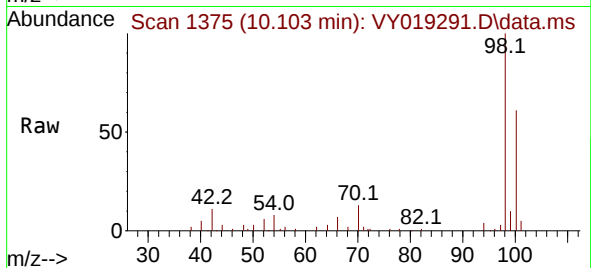
ClientSampleId :

Tgt Ion: 98 Resp: 27252

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.604 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

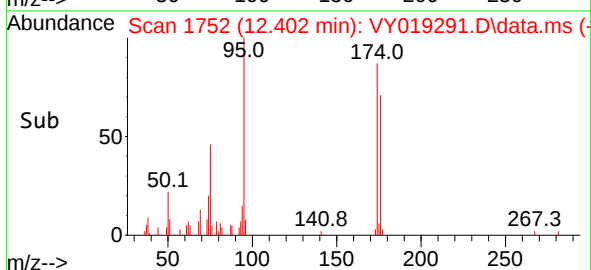
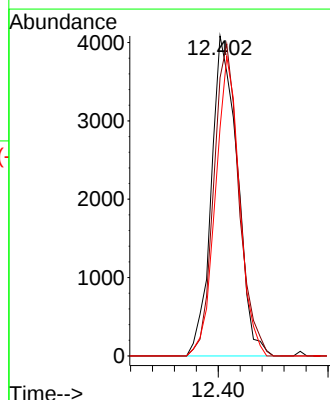
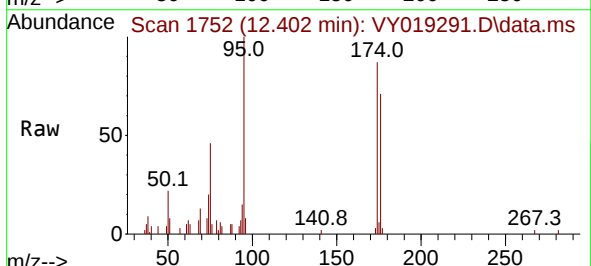
Tgt Ion: 95 Resp: 6745

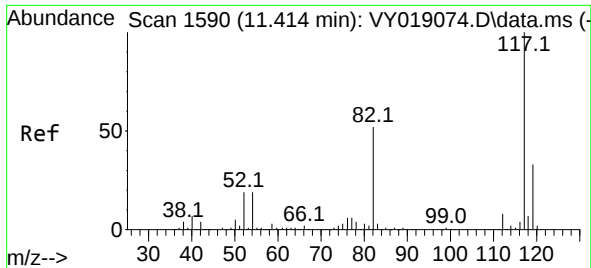
Ion Ratio Lower Upper

95 100

174 94.3 0.0 175.6

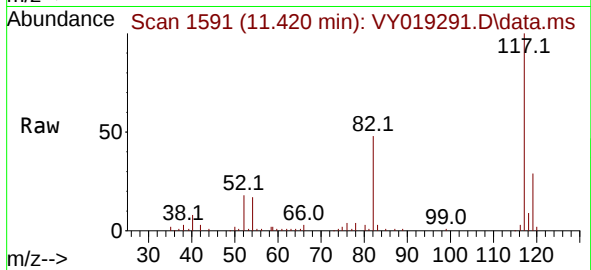
176 86.5 0.0 171.4



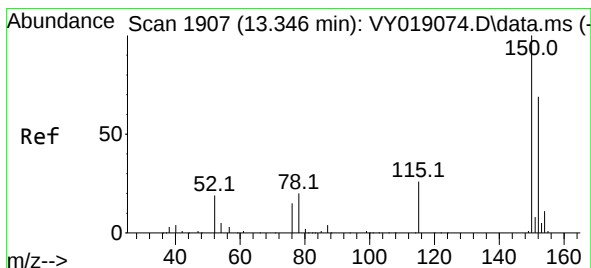
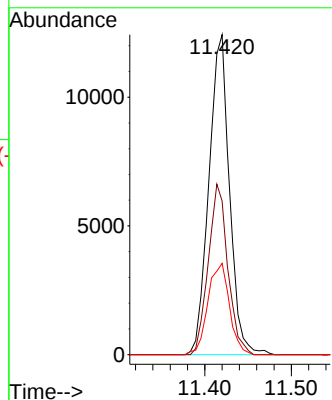
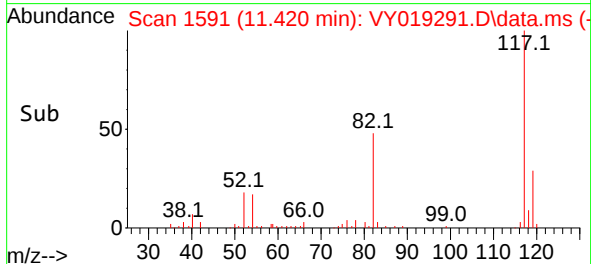


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

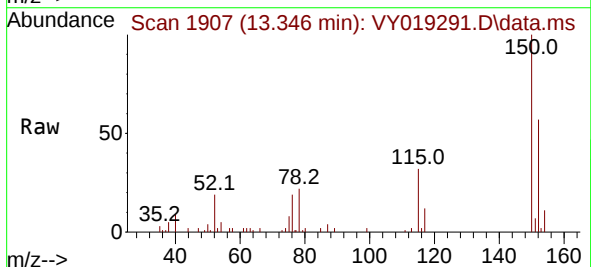
Instrument :
MSVOA_Y
ClientSampleId :



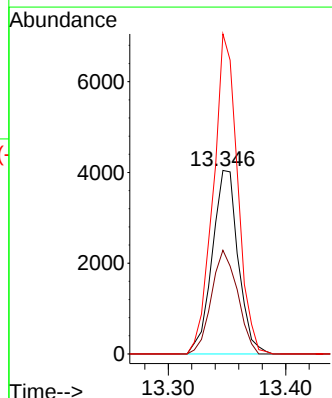
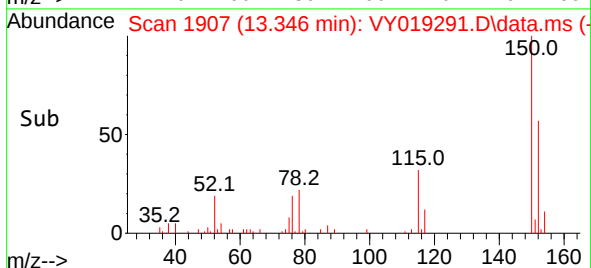
Tgt Ion:117 Resp: 20498
Ion Ratio Lower Upper
117 100
82 48.0 42.4 63.6
119 28.6 25.9 38.9

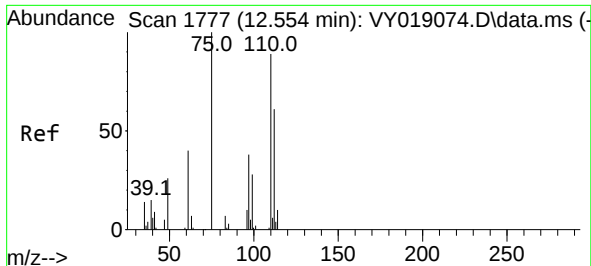


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15



Tgt Ion:152 Resp: 6220
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 162.9 0.0 345.6

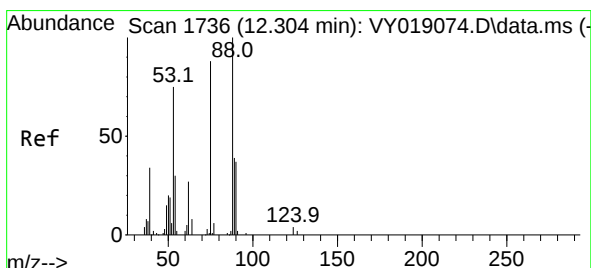
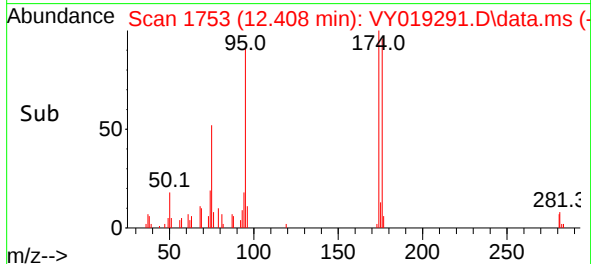
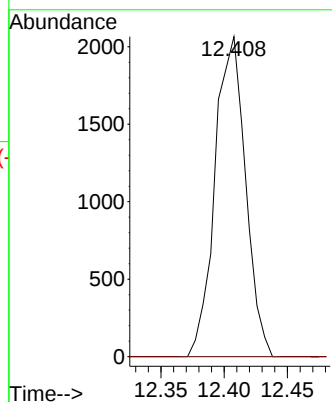
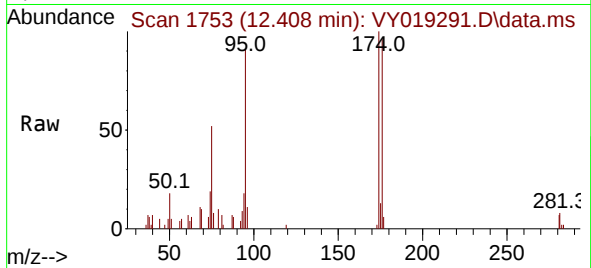




#76
1,2,3-Trichloropropane
Concen: 56.553 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

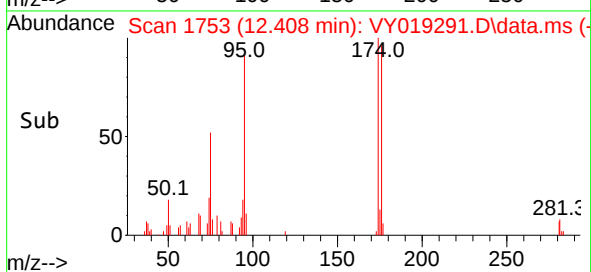
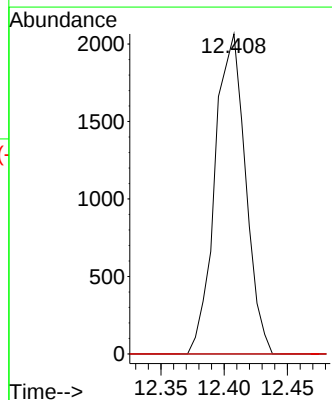
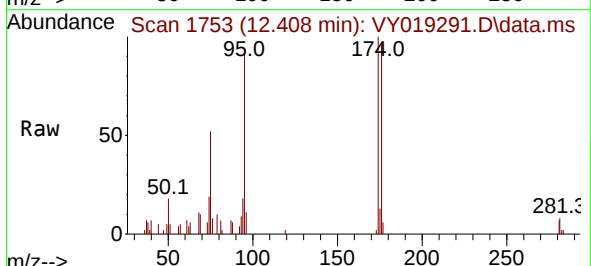
Instrument :
MSVOA_Y
ClientSampleId :

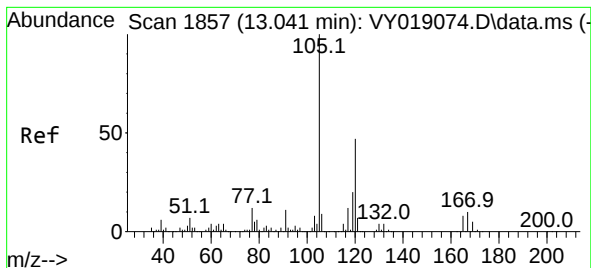
Tgt Ion: 75 Resp: 3469
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 139.667 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

Tgt Ion: 75 Resp: 3469
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.405 ug/l

RT: 13.066 min Scan# 1861

Delta R.T. 0.025 min

Lab File: VY019291.D

Acq: 27 Aug 2024 17:15

Instrument :

MSVOA_Y

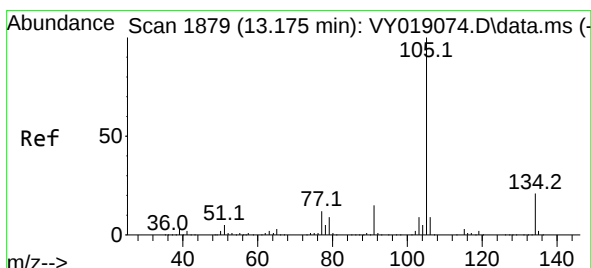
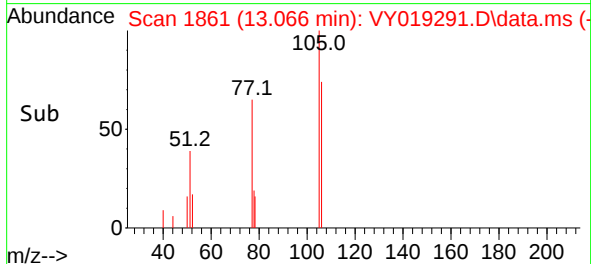
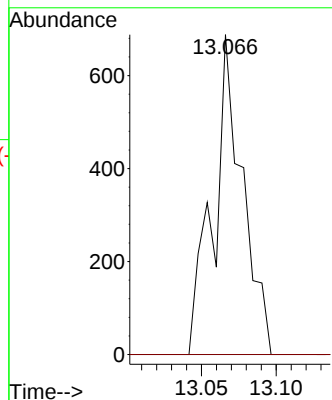
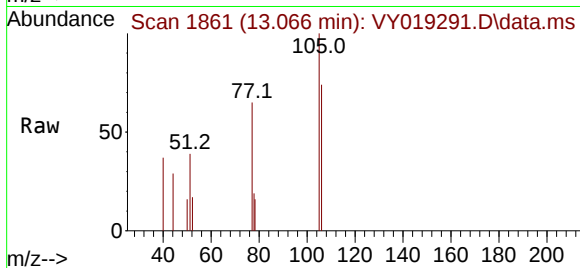
ClientSampleId :

Tgt Ion:105 Resp: 931

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 1.781 ug/l

RT: 13.066 min Scan# 1861

Delta R.T. -0.109 min

Lab File: VY019291.D

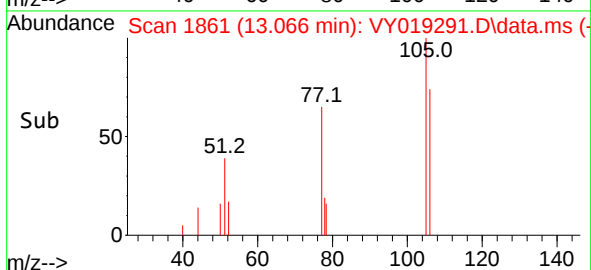
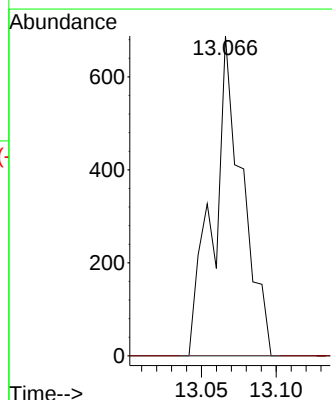
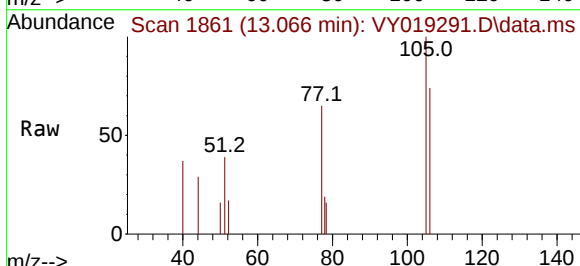
Acq: 27 Aug 2024 17:15

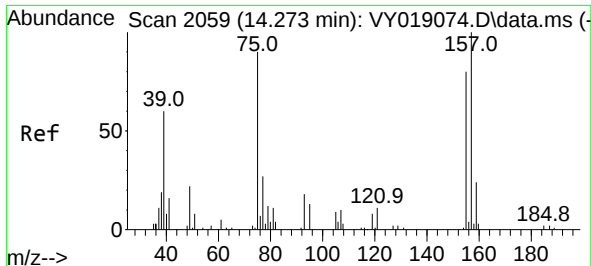
Tgt Ion:105 Resp: 931

Ion Ratio Lower Upper

105 100

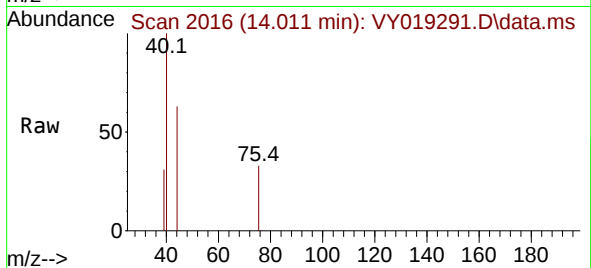
134 0.0 10.1 30.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.682 ug/l
RT: 14.011 min Scan# 20
Delta R.T. -0.262 min
Lab File: VY019291.D
Acq: 27 Aug 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

