

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016955.D
 Acq On : 09 Jan 2024 17:44
 Operator : SY/MD
 Sample : P1073-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:30:28 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)

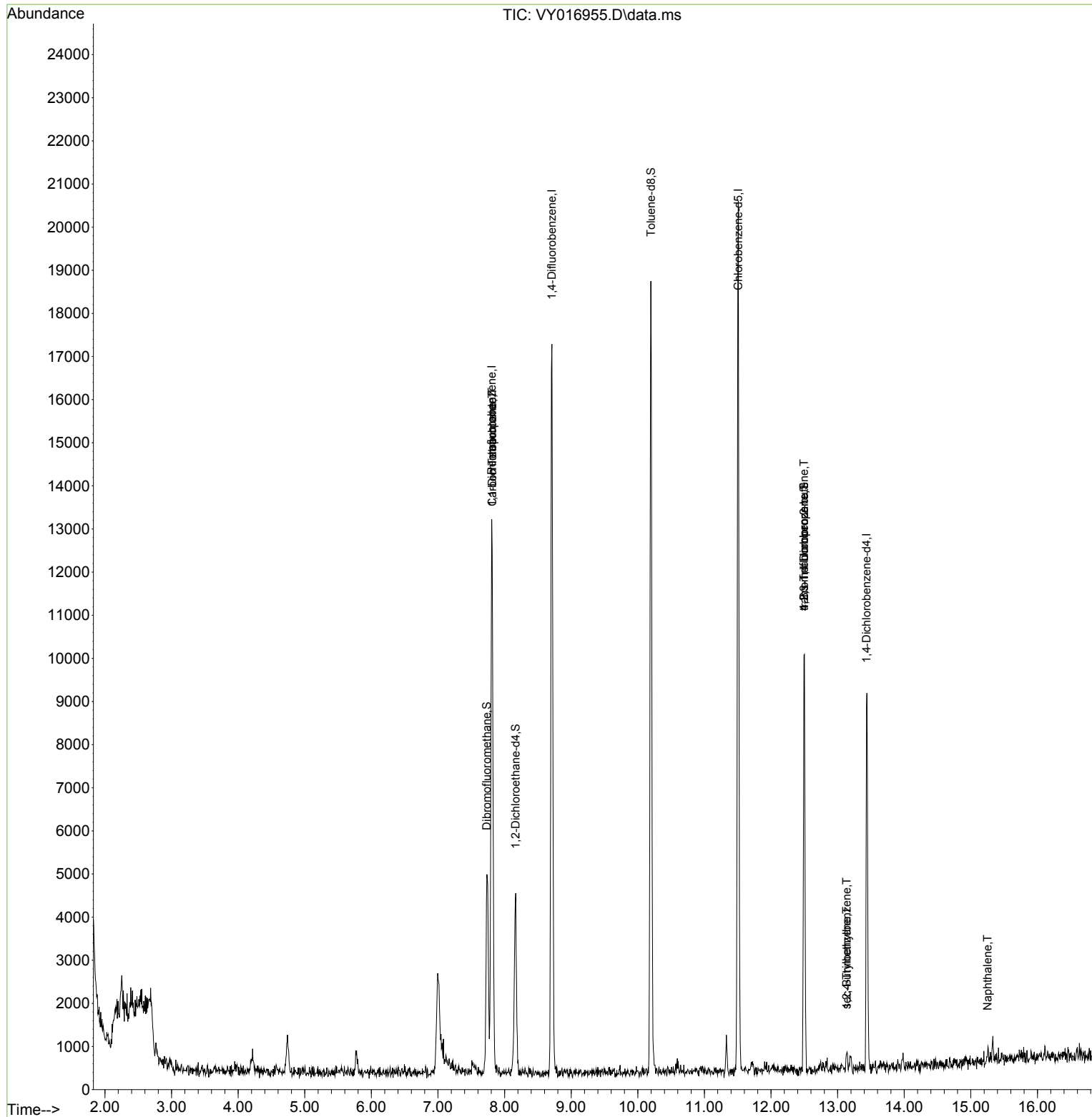
Internal Standards						
1) Pentafluorobenzene	7.807	168	10004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	15295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	11479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	3319	33.567	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.140%
35) Dibromofluoromethane	7.734	113	3682	37.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.560%
50) Toluene-d8	10.197	98	12800	38.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.280%
62) 4-Bromofluorobenzene	12.495	95	2690	23.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	54	Below Cal	#	75
16) Acetone	3.948	43	214	Below Cal	#	41
20) Methylene Chloride	4.741	84	650	Below Cal	#	87
25) 2-Butanone	7.002	43	18	Below Cal	#	48
36) 1,1-Dichloropropene	7.813	75	1096	7.716	ug/l #	42
38) Carbon Tetrachloride	7.813	117	1030	7.137	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	1443	52.393	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	1443	118.971	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.135	105	402	2.490	ug/l	72
85) sec-Butylbenzene	13.135	105	402	1.879	ug/l #	57
95) Naphthalene	15.251	128	256	4.556	ug/l #	69

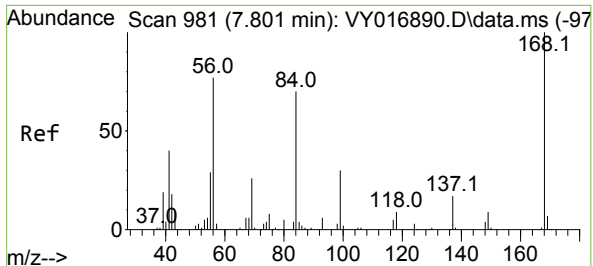
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
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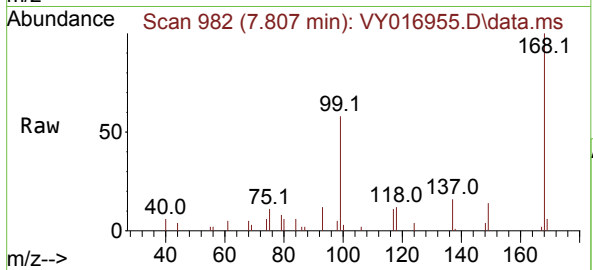
Quant Time: Jan 10 02:30:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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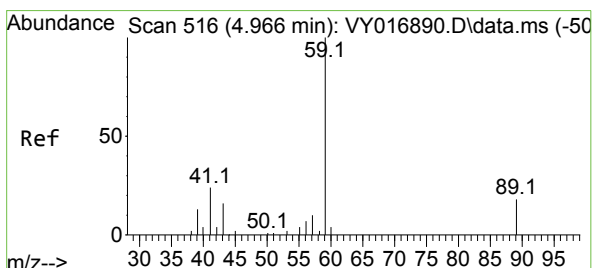
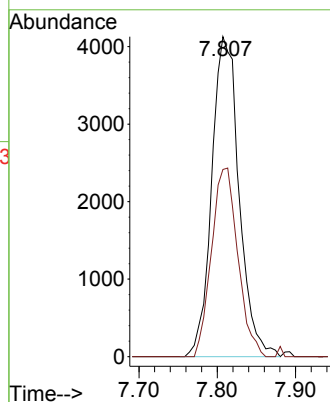
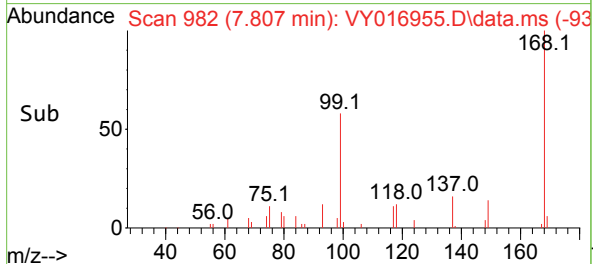


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

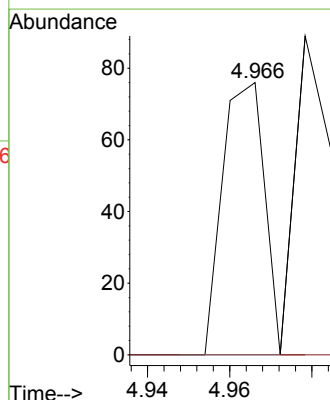
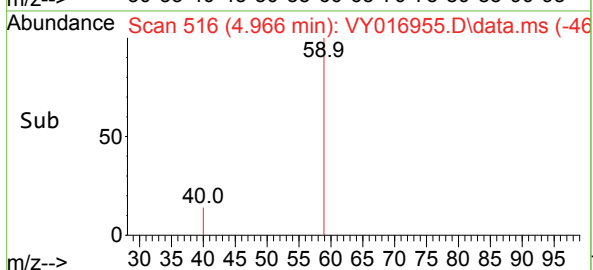
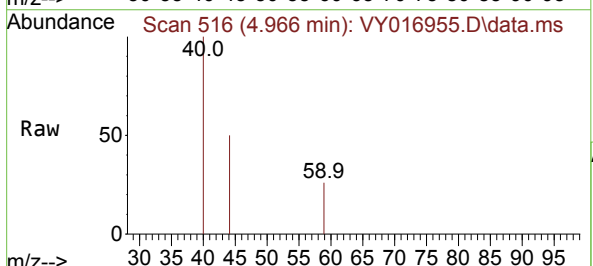


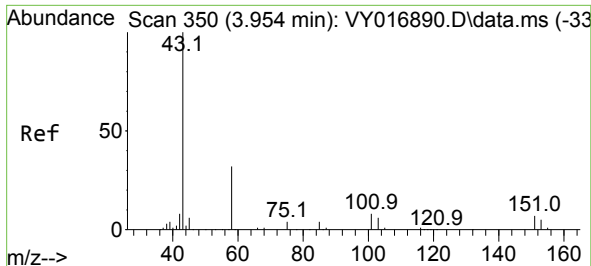
Tgt Ion:168 Resp: 10004
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

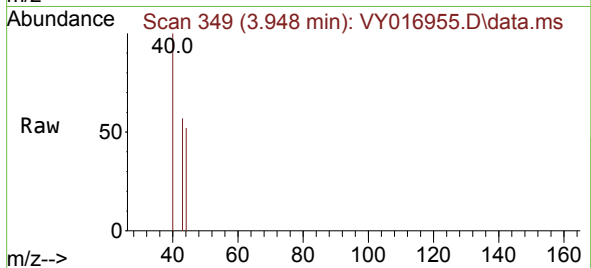
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



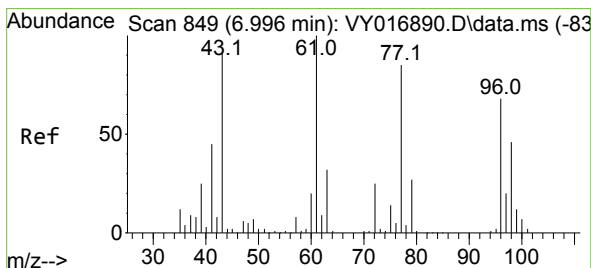
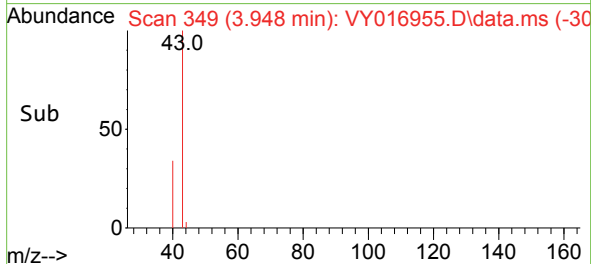
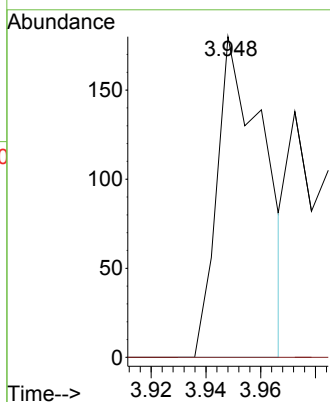


#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

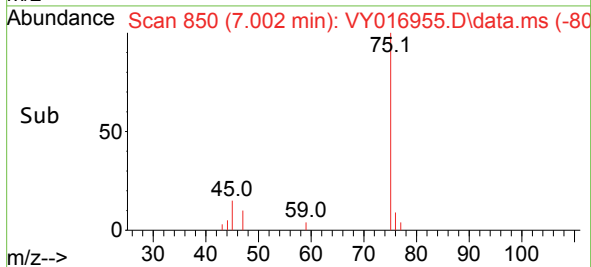
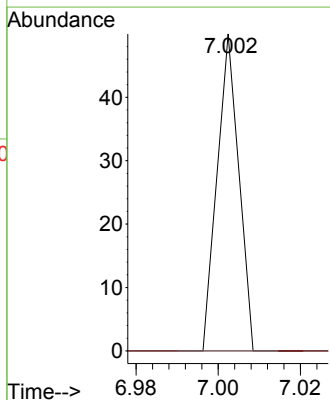
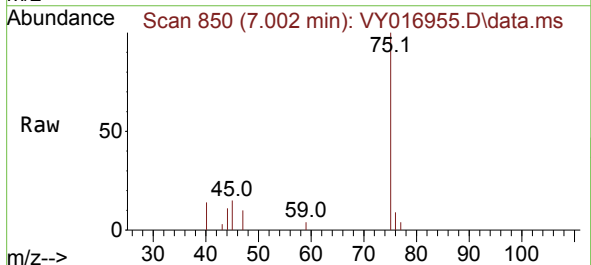


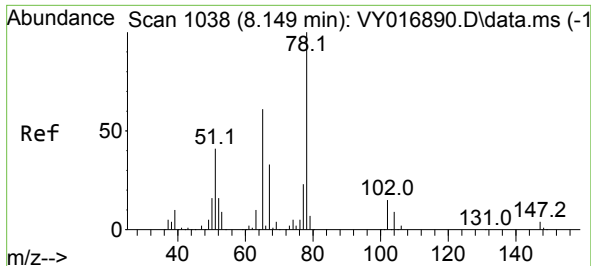
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#25
2-Butanone
Concen: Below Cal
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#





#33

1,2-Dichloroethane-d4

Concen: 33.567 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016955.D

Acq: 09 Jan 2024 17:44

Instrument :

MSVOA_Y

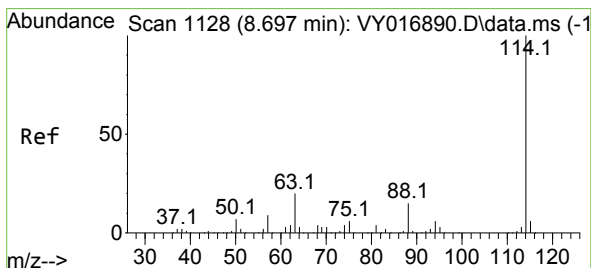
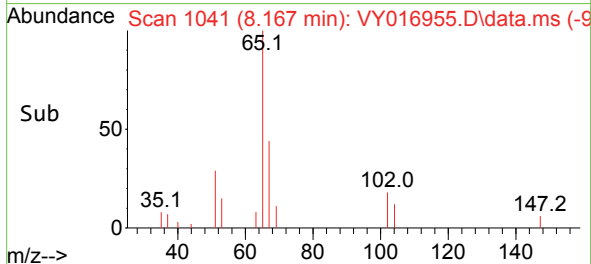
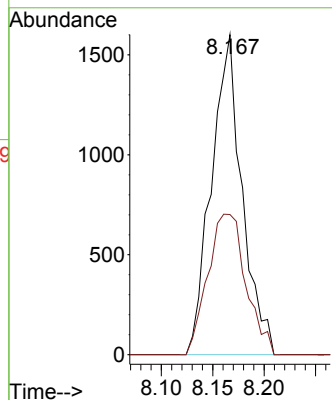
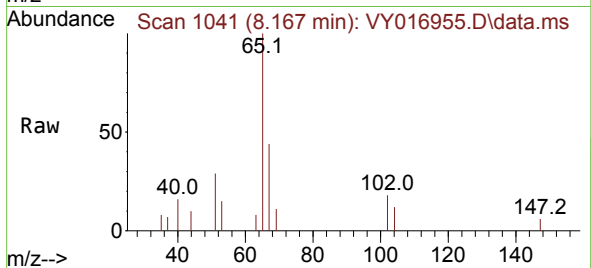
ClientSampleId :

Tgt Ion: 65 Resp: 3319

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016955.D

Acq: 09 Jan 2024 17:44

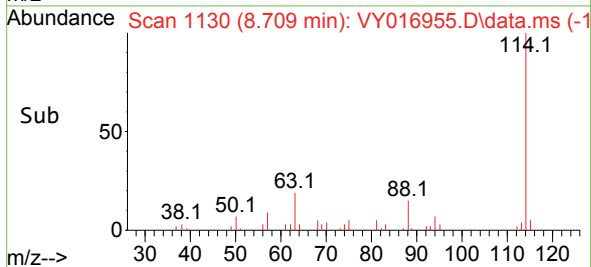
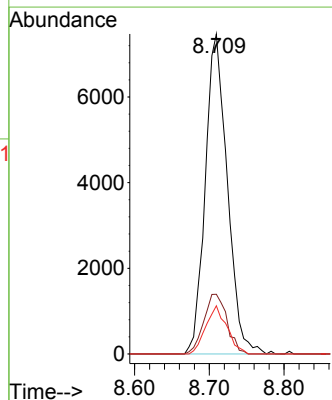
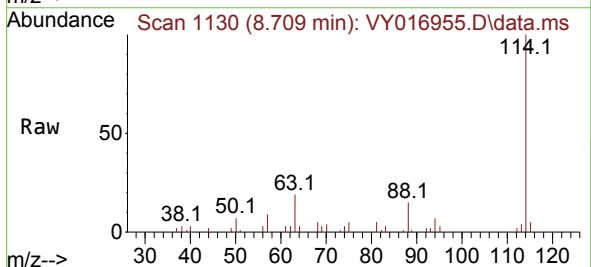
Tgt Ion: 114 Resp: 15295

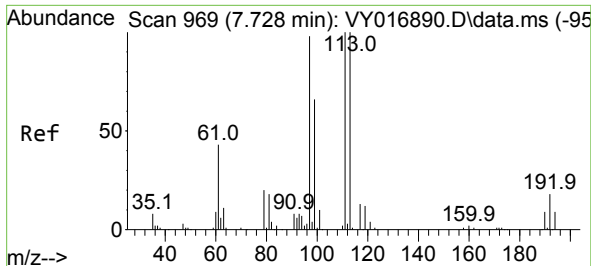
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

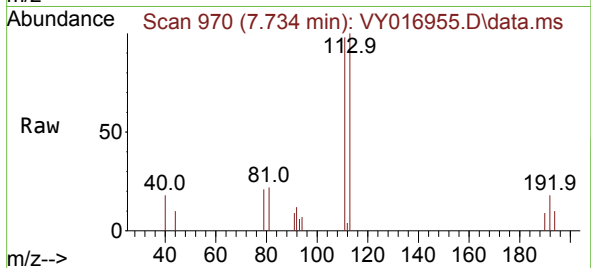
88 15.1 0.0 29.0



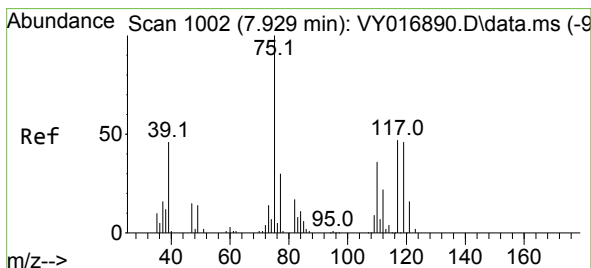
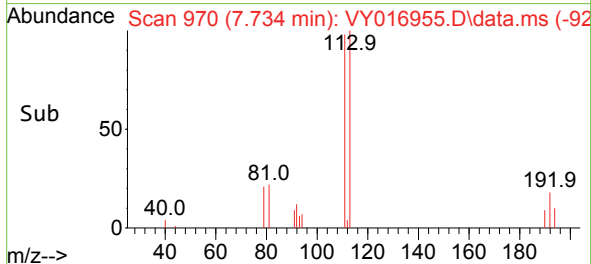
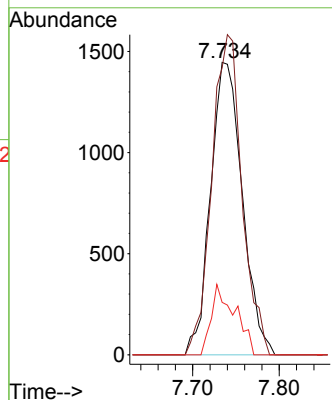


#35
Dibromofluoromethane
Concen: 37.778 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

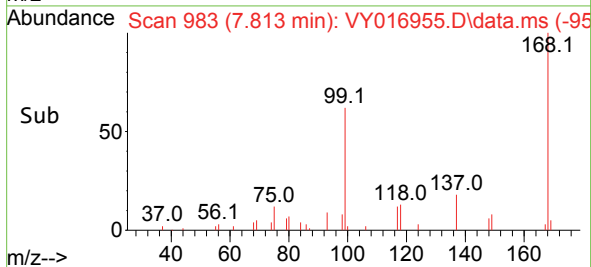
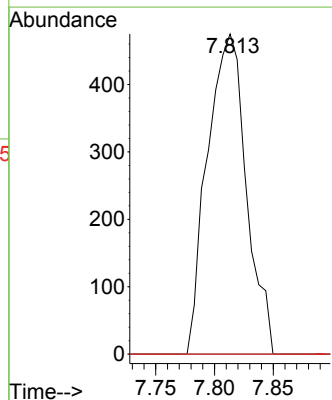
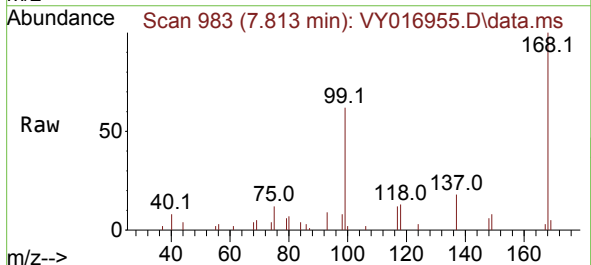


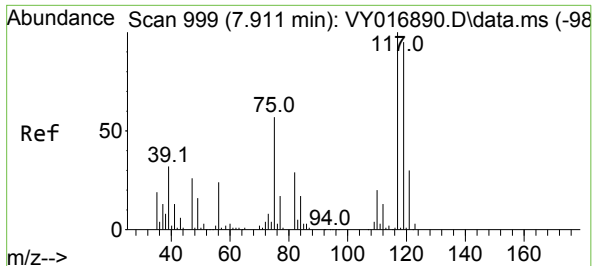
Tgt Ion:113 Resp: 3682
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 7.716 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

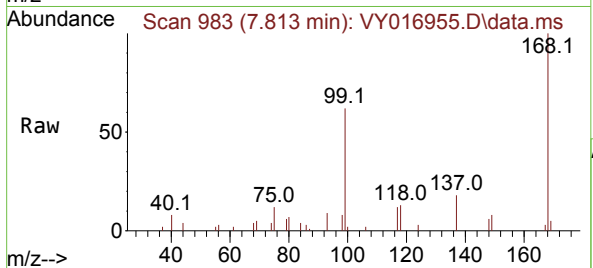
Tgt Ion: 75 Resp: 1096
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



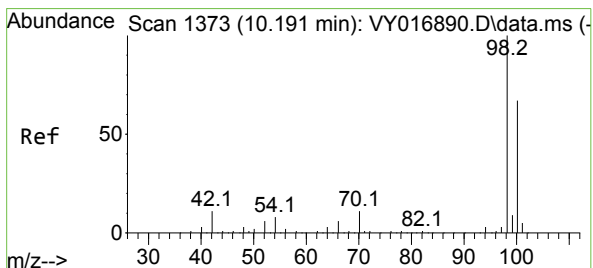
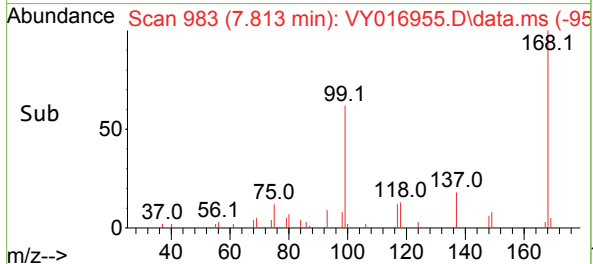
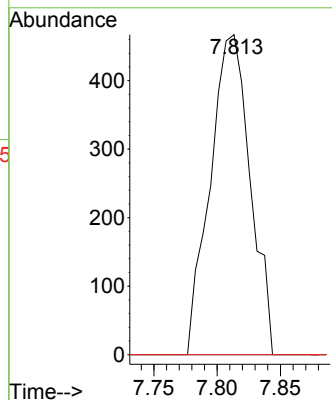


#38
Carbon Tetrachloride
Concen: 7.137 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

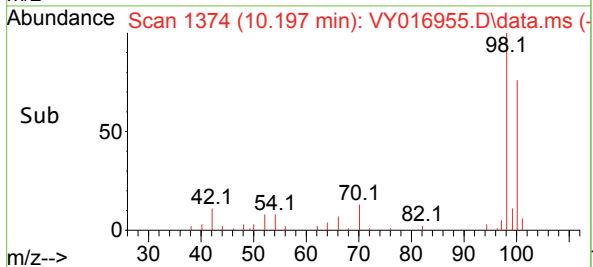
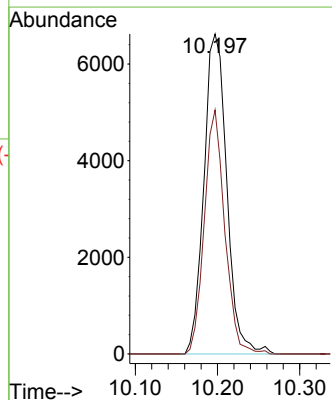
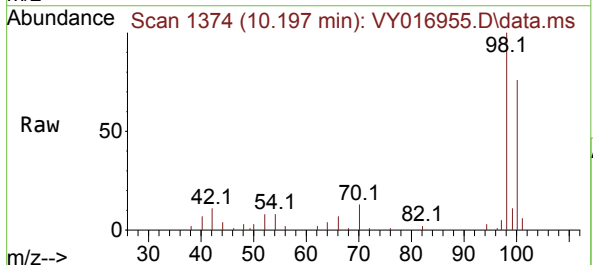


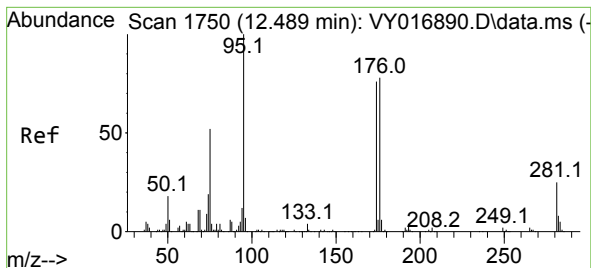
Tgt Ion:117 Resp: 1030
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.138 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion: 98 Resp: 12800
Ion Ratio Lower Upper
98 100
100 68.3 52.3 78.5

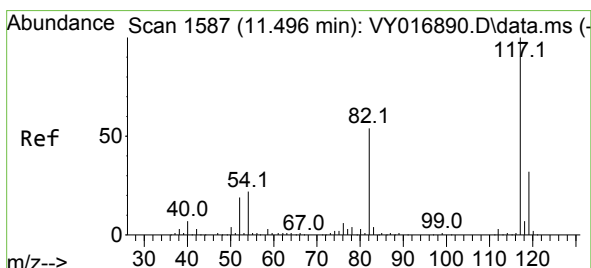
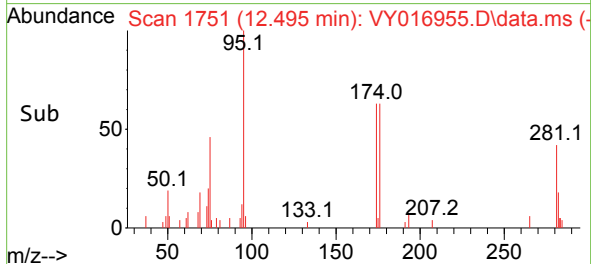
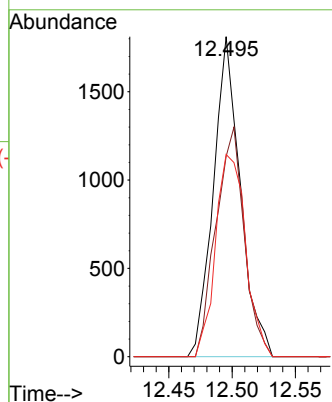
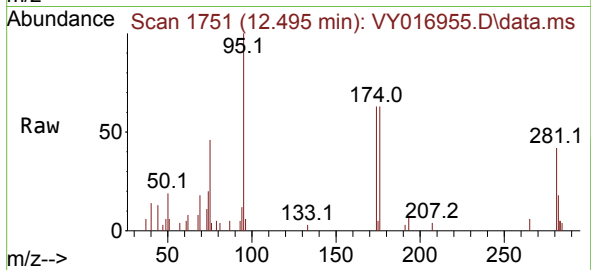




#62
4-Bromofluorobenzene
Concen: 23.756 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

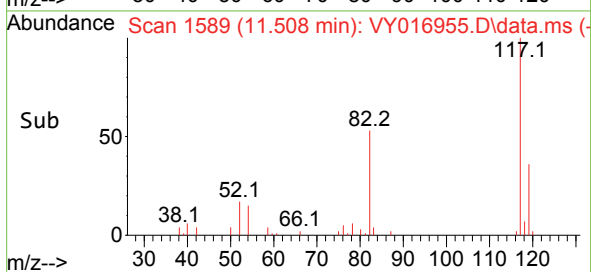
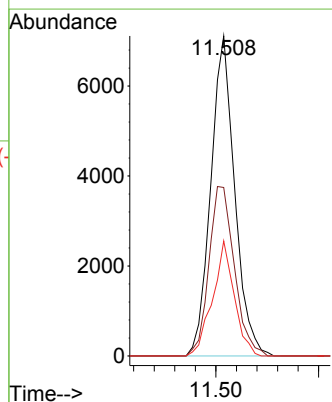
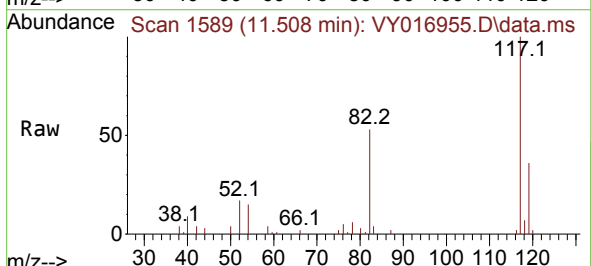
Instrument :
MSVOA_Y
ClientSampleId :

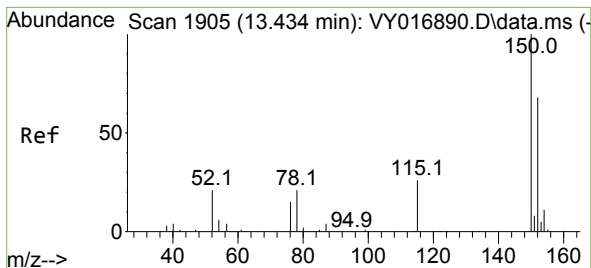
Tgt Ion: 95 Resp: 2690
Ion Ratio Lower Upper
95 100
174 74.9 0.0 160.0
176 70.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion: 117 Resp: 11479
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 36.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016955.D

Acq: 09 Jan 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

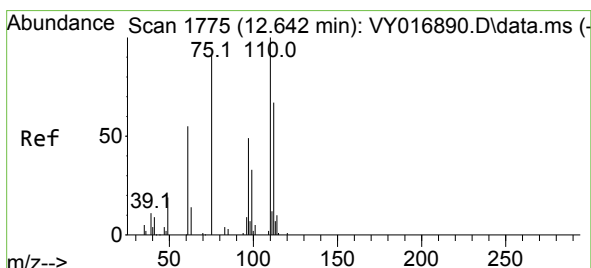
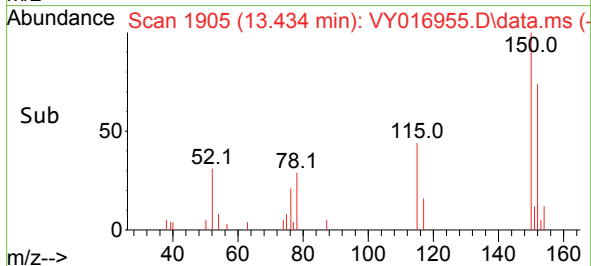
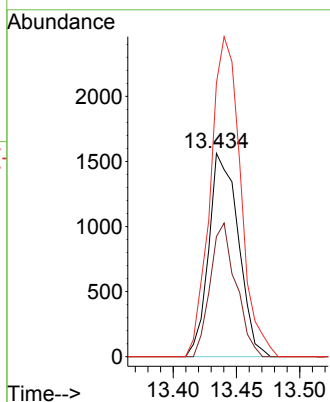
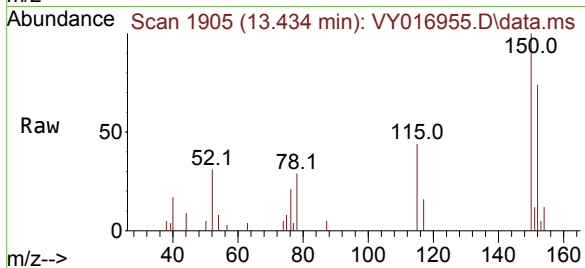
Tgt Ion:152 Resp: 2538

Ion Ratio Lower Upper

152 100

115 57.4 30.0 90.0

150 160.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 52.393 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016955.D

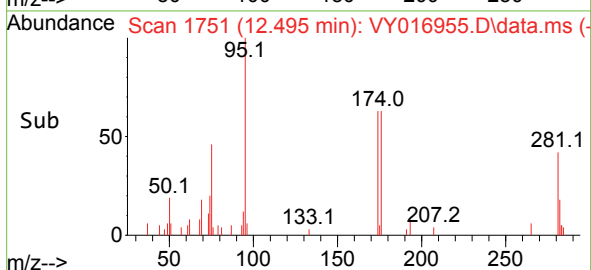
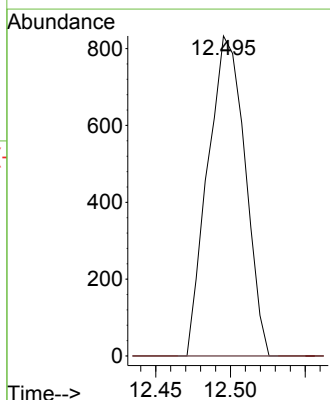
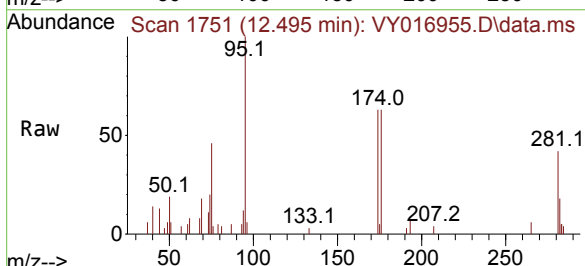
Acq: 09 Jan 2024 17:44

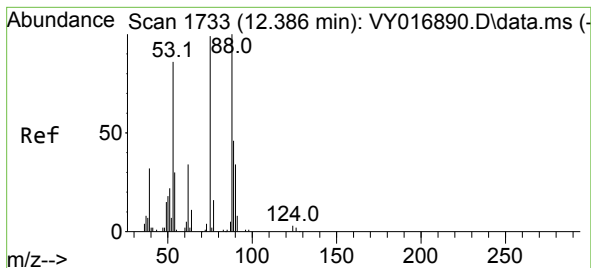
Tgt Ion: 75 Resp: 1443

Ion Ratio Lower Upper

75 100

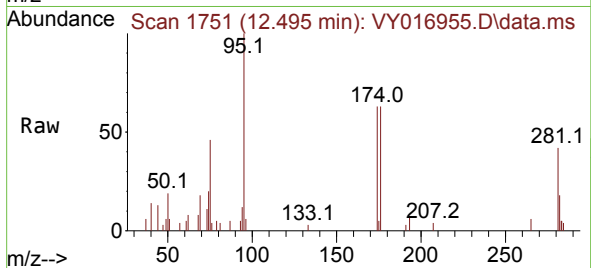
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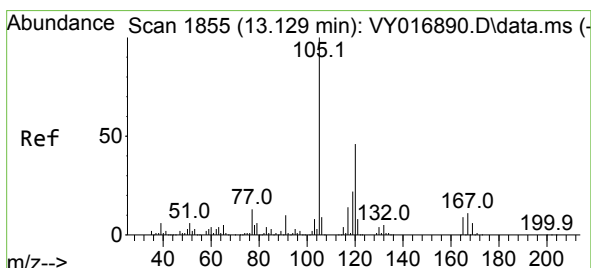
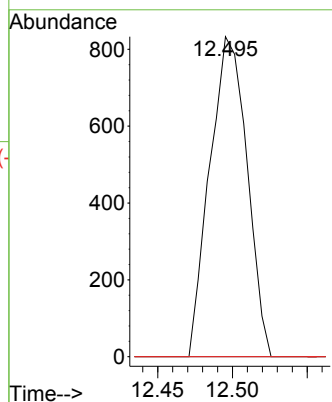
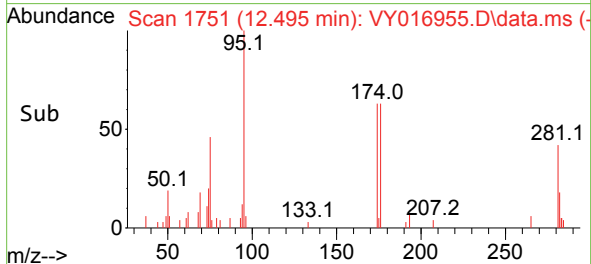


#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.971 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.110 min
 Lab File: VY016955.D
 Acq: 09 Jan 2024 17:44

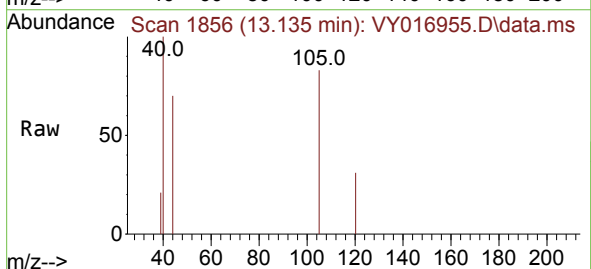
Instrument :
 MSVOA_Y
 ClientSampleId :



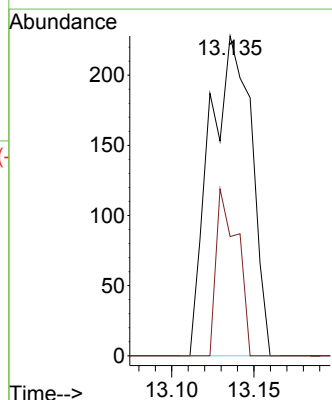
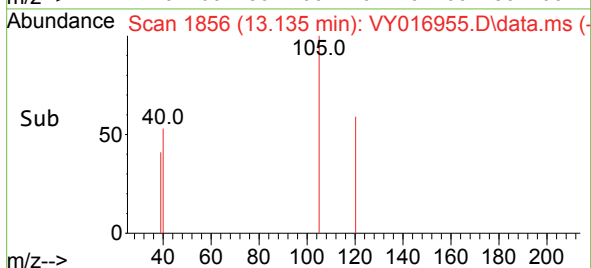
Tgt Ion: 75 Resp: 1443
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

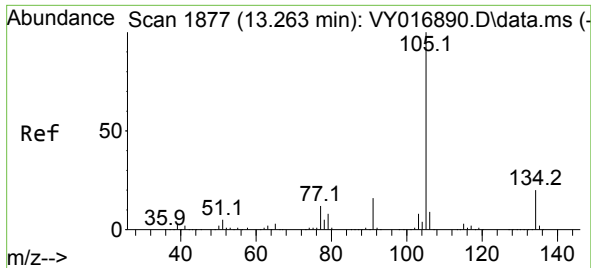


#84
 1,2,4-Trimethylbenzene
 Concen: 2.490 ug/l
 RT: 13.135 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VY016955.D
 Acq: 09 Jan 2024 17:44



Tgt Ion: 105 Resp: 402
 Ion Ratio Lower Upper
 105 100
 120 26.4 22.1 66.3

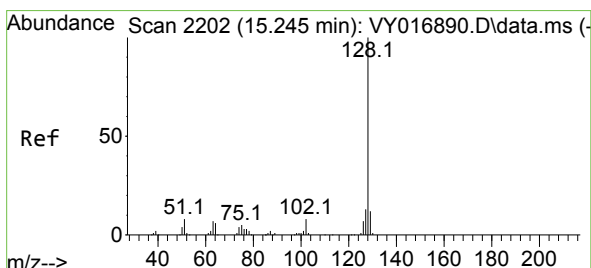
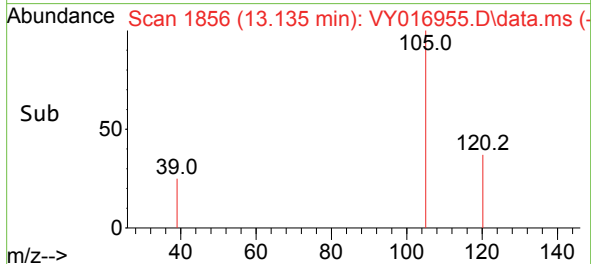
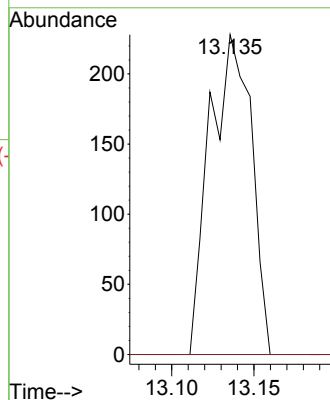
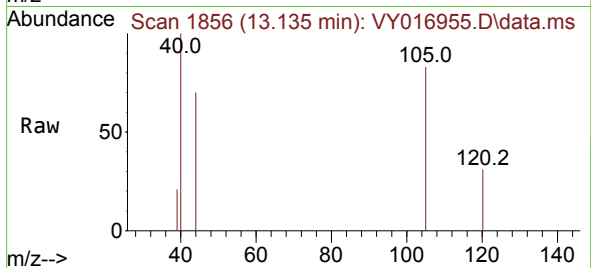




#85
sec-Butylbenzene
Concen: 1.879 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. -0.128 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 402
Ion Ratio Lower Upper
105 100
134 0.0 9.7 28.9#



#95
Naphthalene
Concen: 4.556 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion:128 Resp: 256
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

