

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016950.D
 Acq On : 09 Jan 2024 15:47
 Operator : SY/MD
 Sample : P1067-09
 Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-C-GRAB

Quant Time: Jan 10 02:28:04 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	57315	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	110626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	103150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	38012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	25564	45.128	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.260%		
35) Dibromofluoromethane	7.740	113	26716	37.898	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.800%		
50) Toluene-d8	10.197	98	102583	42.259	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.520%		
62) 4-Bromofluorobenzene	12.496	95	31418	38.361	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	76.720%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.203	83	1389	1.203	ug/l #	75
67) Ethyl Benzene	11.605	91	10610	2.743	ug/l	95
68) m/p-Xylenes	11.721	106	12237	8.618	ug/l	97
69) o-Xylene	12.044	106	2337	1.756	ug/l	97
73) Isopropylbenzene	12.343	105	3563	1.148	ug/l	99
78) n-propylbenzene	12.685	91	12253	3.247	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	19534	7.957	ug/l	95
84) 1,2,4-Trimethylbenzene	13.136	105	136830	56.596	ug/l	98
85) sec-Butylbenzene	13.264	105	3697m	1.154	ug/l	
86) p-Isopropyltoluene	13.386	119	3497	1.323	ug/l	96
89) n-Butylbenzene	13.709	91	4586	1.804	ug/l #	62
95) Naphthalene	15.251	128	9401	10.273	ug/l	97

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

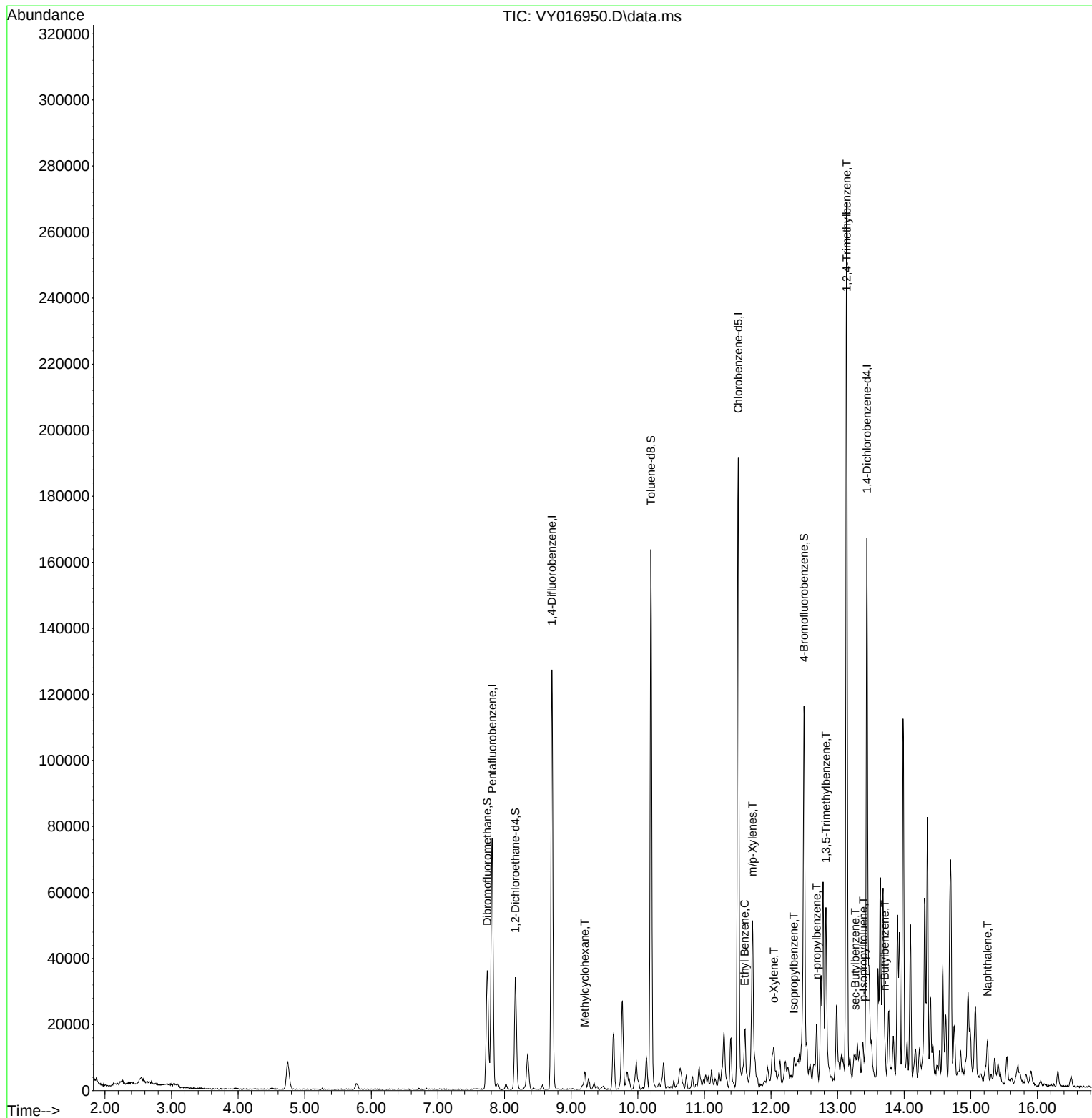
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Data File : VY016950.D
Acq On : 09 Jan 2024 15:47
Operator : SY/MD
Sample : P1067-09
Misc : 3.61g/5.0mL/MSVOA_Y/SOIL/A
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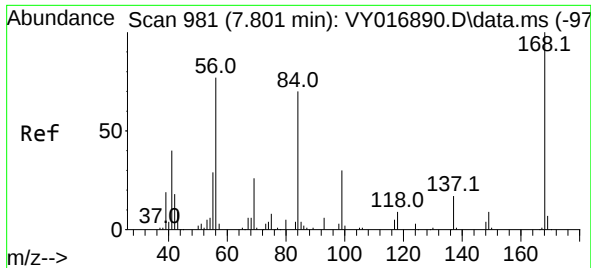
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB

Quant Time: Jan 10 02:28:04 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

Manual Integrations
APPROVED

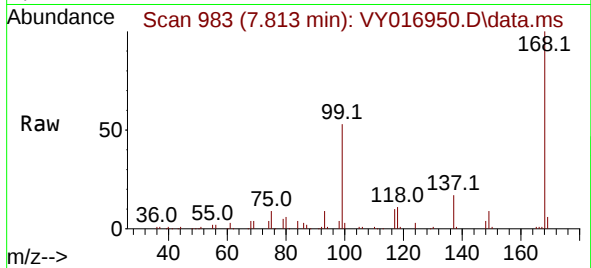
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

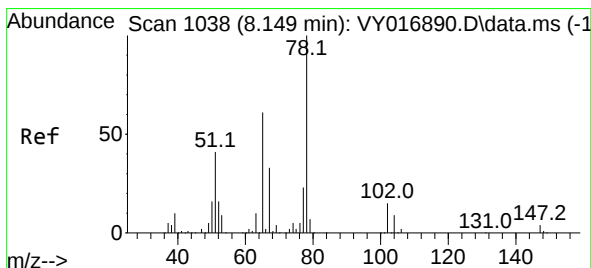
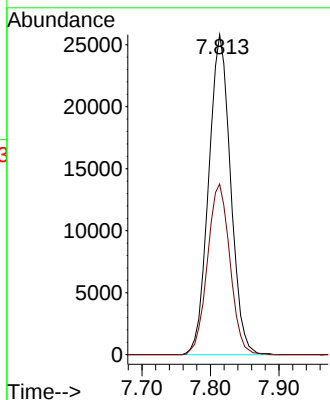
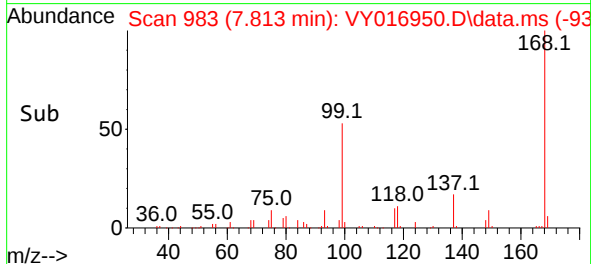
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB



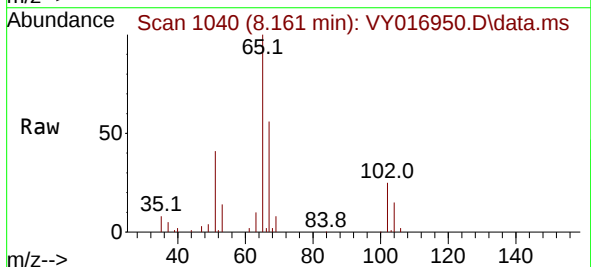
Tgt Ion:168 Resp: 5731
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4

Manual Integrations
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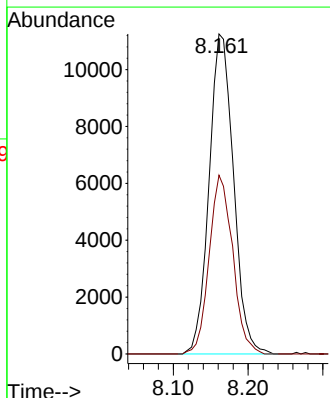
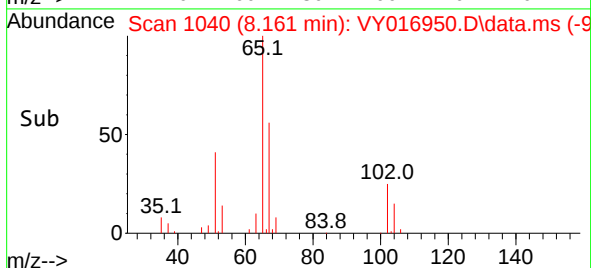
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#33
1,2-Dichloroethane-d4
Concen: 45.128 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47



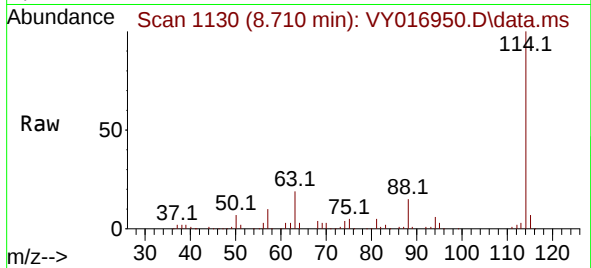
Tgt Ion: 65 Resp: 25564
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

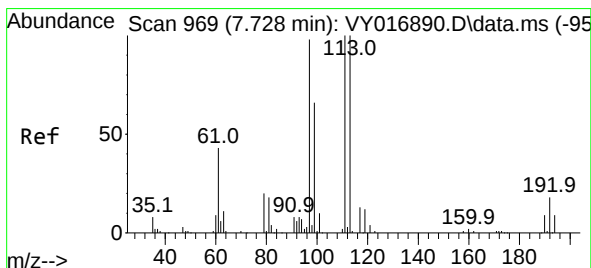
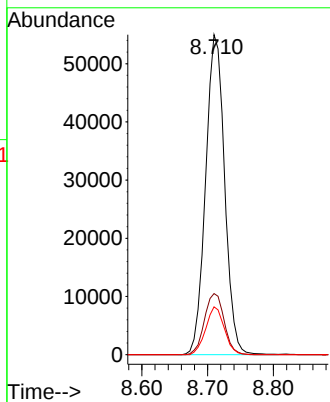
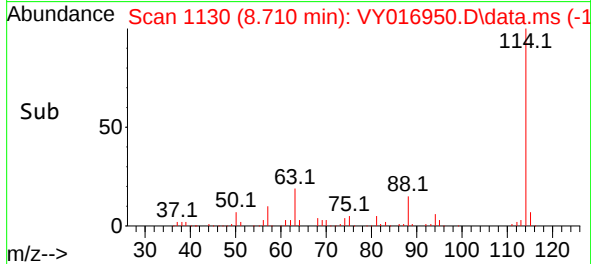
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB



Tgt Ion:114 Resp: 110620
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.9 0.0 29.0

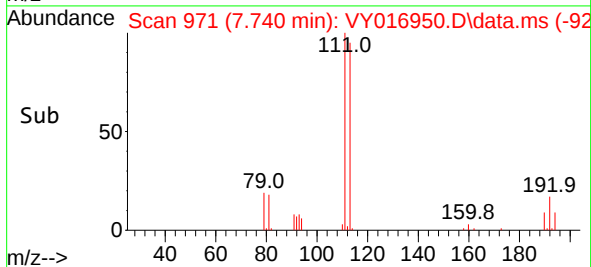
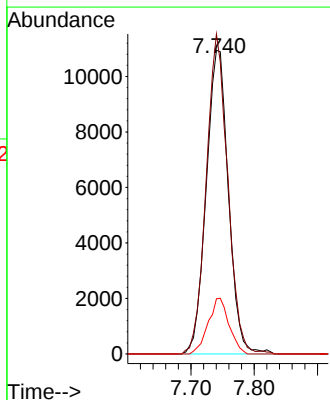
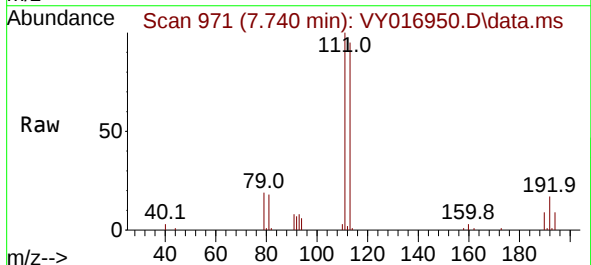
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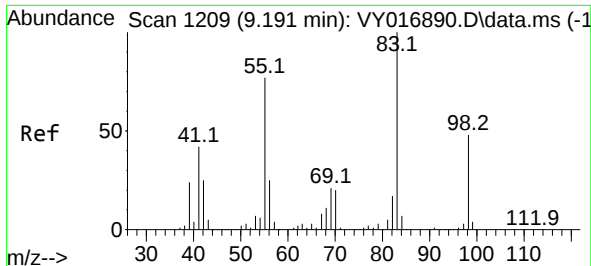
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#35
Dibromofluoromethane
Concen: 37.898 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

Tgt Ion:113 Resp: 26716
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.2 14.5 21.7





#39

Methylcyclohexane

Concen: 1.203 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. 0.012 min

Lab File: VY016950.D

Acq: 09 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

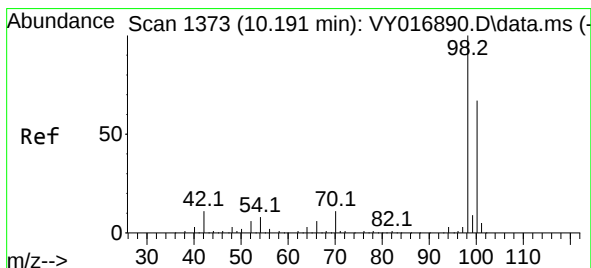
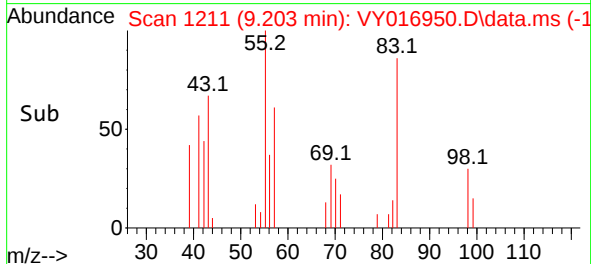
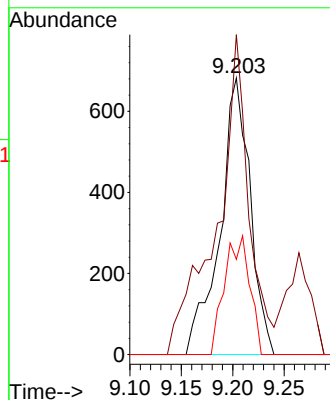
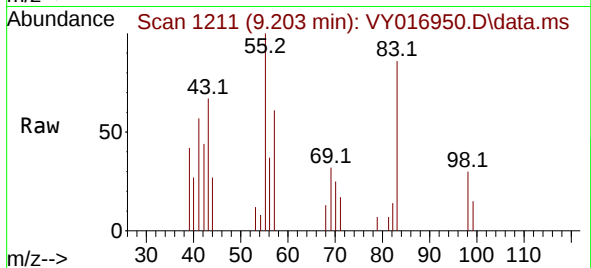
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Tgt Ion: 83	Resp: 1389
Ion Ratio	Lower Upper
83	100
55	99.4 59.7 89.5
98	34.5 38.0 57.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/10/2024



#50

Toluene-d8

Concen: 42.259 ug/l

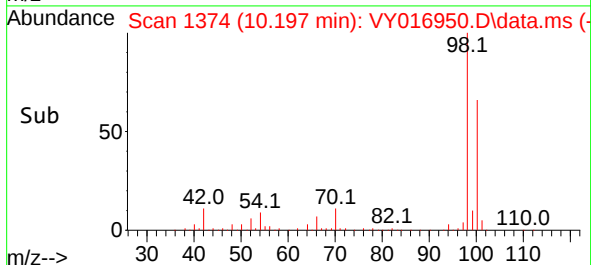
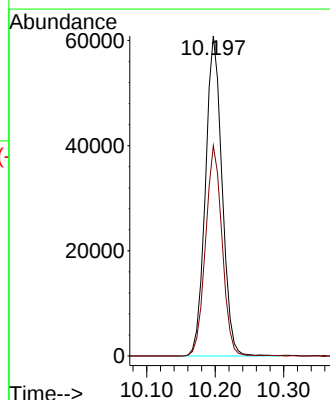
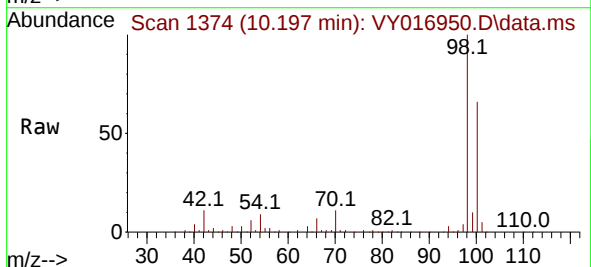
RT: 10.197 min Scan# 1374

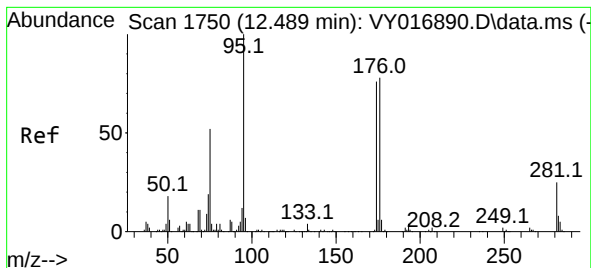
Delta R.T. 0.006 min

Lab File: VY016950.D

Acq: 09 Jan 2024 15:47

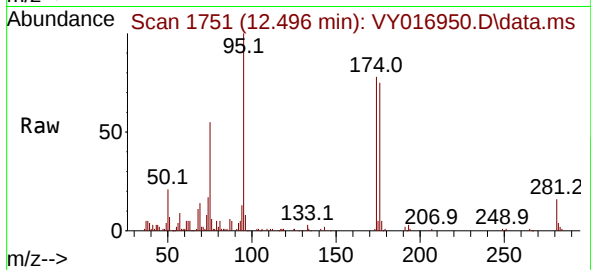
Tgt Ion: 98	Resp: 102583
Ion Ratio	Lower Upper
98	100
100	65.3 52.3 78.5





#62
4-Bromofluorobenzene
Concen: 38.361 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

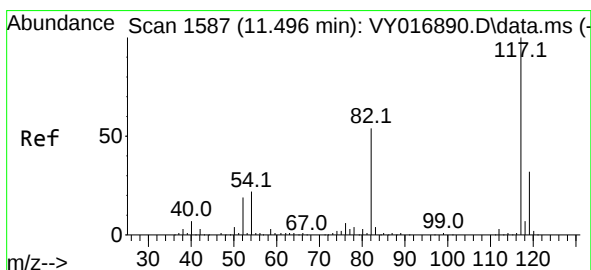
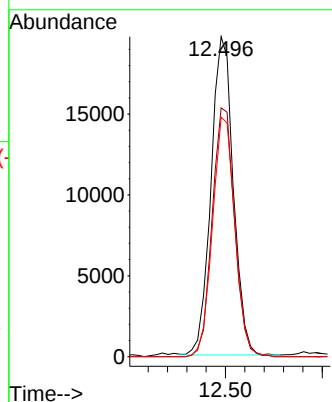
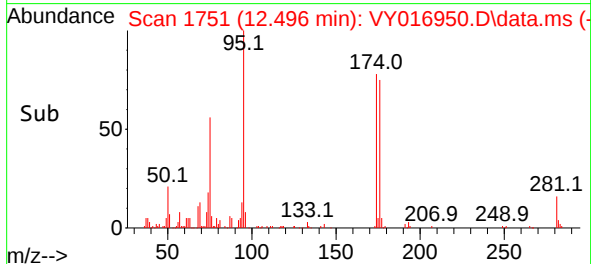
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB



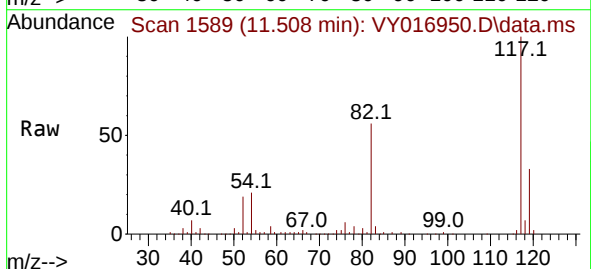
Tgt Ion: 95 Resp: 31418
Ion Ratio Lower Upper
95 100
174 78.5 0.0 160.0
176 75.7 0.0 151.8

Manual Integrations
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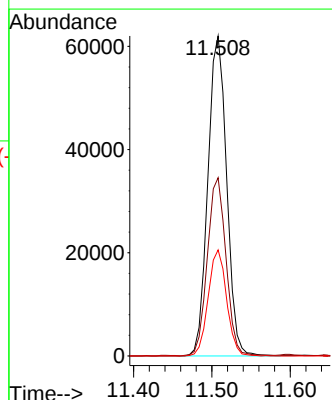
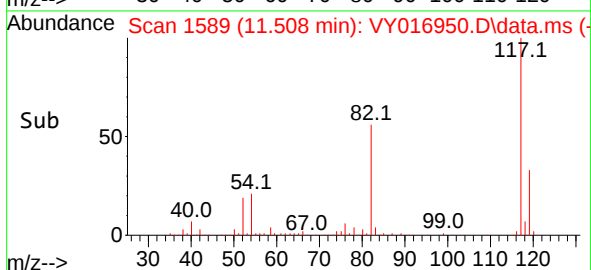
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024

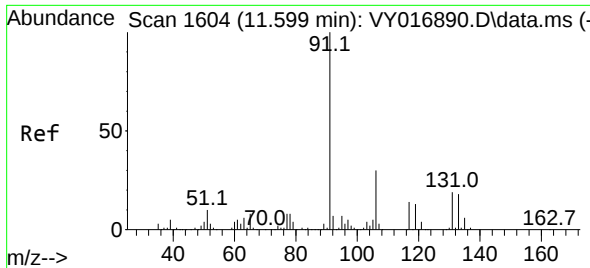


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47



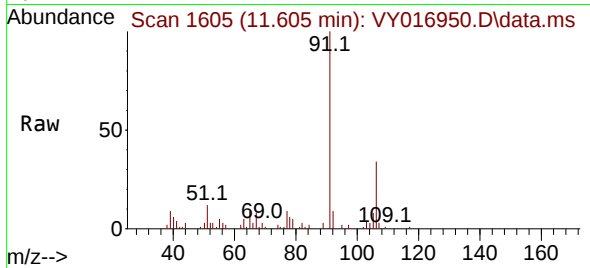
Tgt Ion:117 Resp: 103150
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 33.1 26.5 39.7





#67
Ethyl Benzene
Concen: 2.743 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

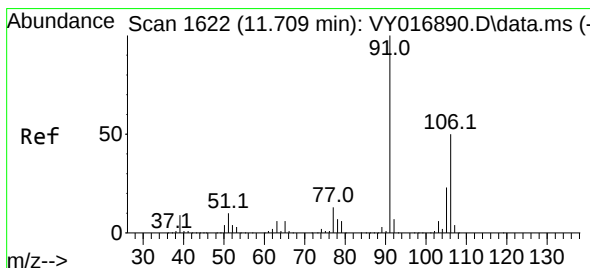
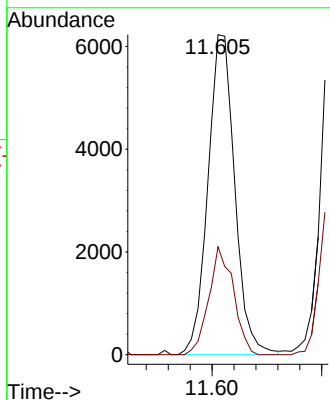
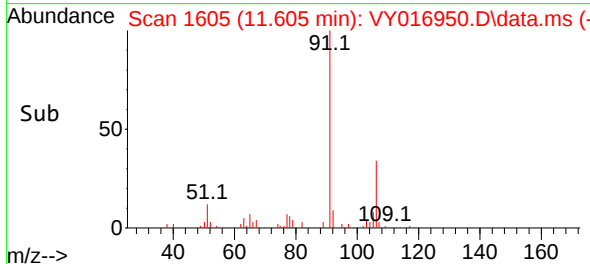
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB



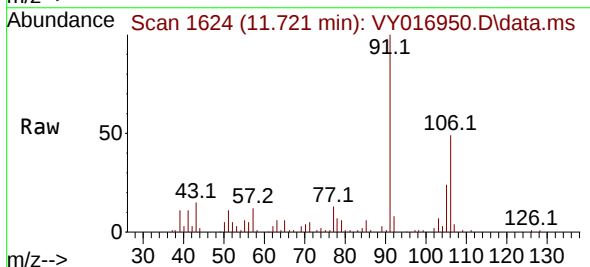
Tgt Ion: 91 Resp: 10610
Ion Ratio Lower Upper
91 100
106 33.7 25.0 37.4

Manual Integrations
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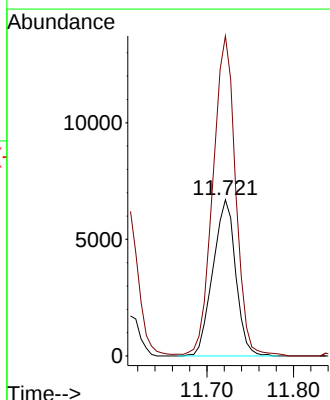
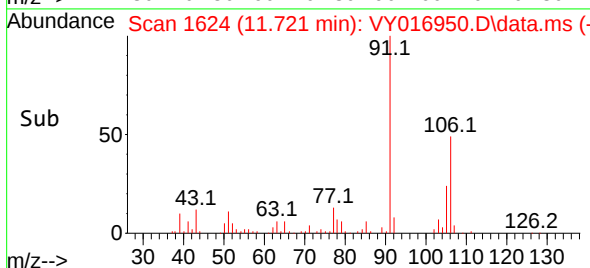
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024

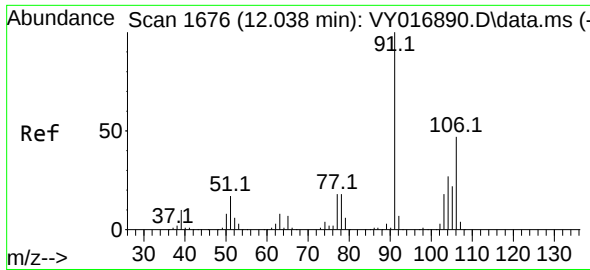


#68
m/p-Xylenes
Concen: 8.618 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47



Tgt Ion:106 Resp: 12237
Ion Ratio Lower Upper
106 100
91 204.8 160.7 241.1





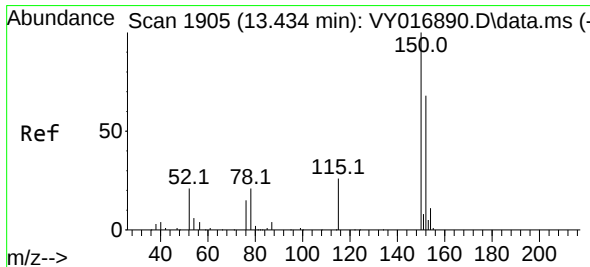
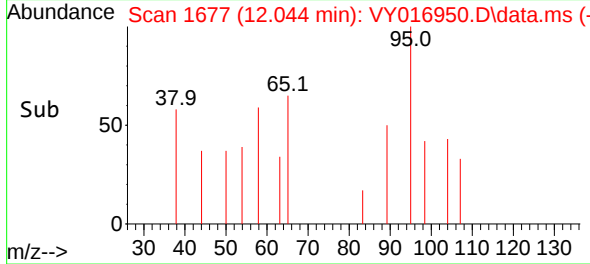
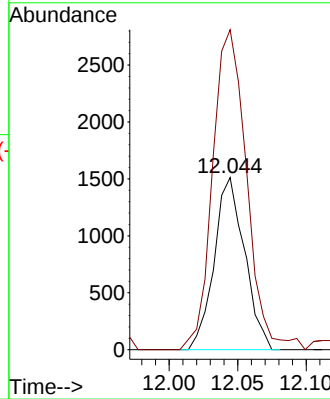
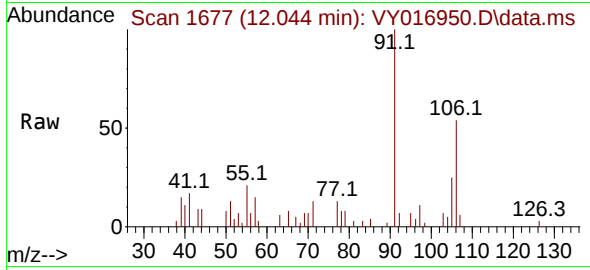
#69
o-Xylene
Concen: 1.756 ug/l
RT: 12.044 min Scan# 106
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB

Tgt Ion:106 Resp: 233
Ion Ratio Lower Upper
106 100
91 207.5 106.5 319.5

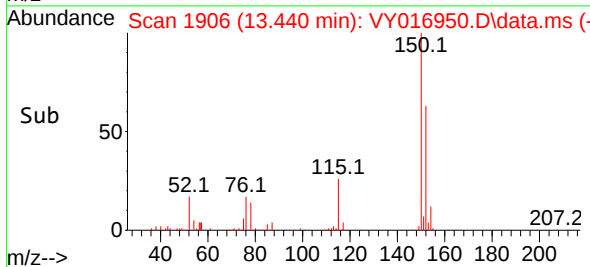
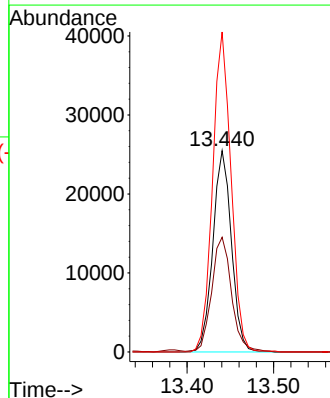
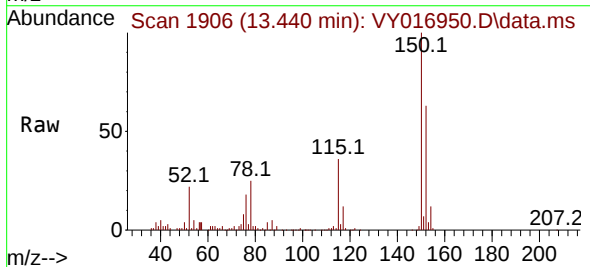
Manual Integrations
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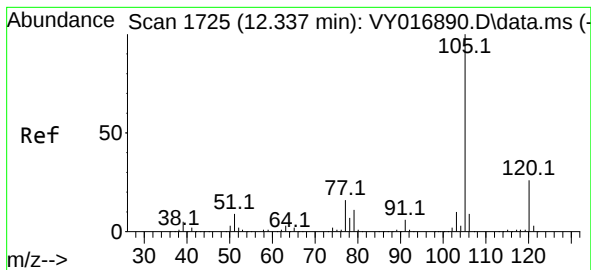
Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

Tgt Ion:152 Resp: 38012
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 157.6 0.0 344.6





#73

Isopropylbenzene

Concen: 1.148 ug/l

RT: 12.343 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY016950.D

Acq: 09 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SP-C-GRAB

Tgt Ion:105 Resp: 356

Ion Ratio Lower Upper

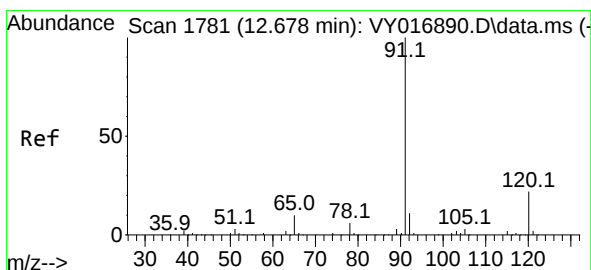
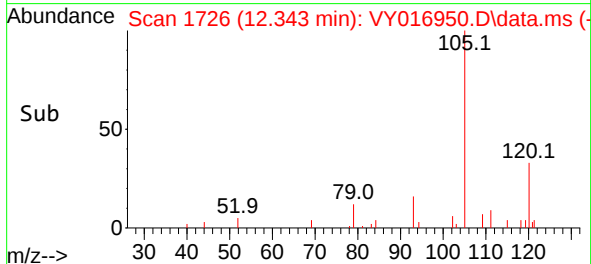
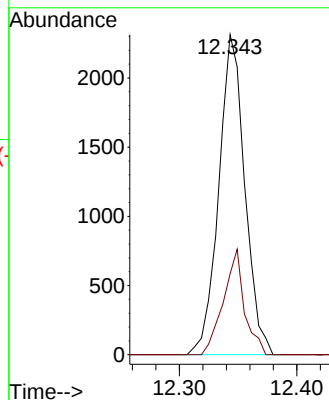
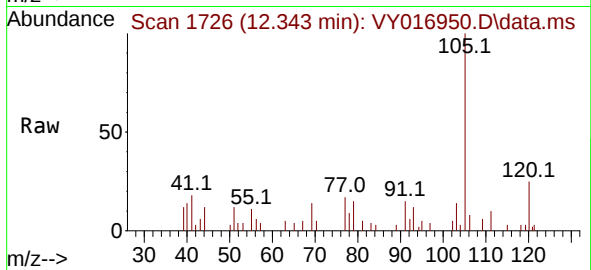
105 100

120 26.6 13.0 39.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#78

n-propylbenzene

Concen: 3.247 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.007 min

Lab File: VY016950.D

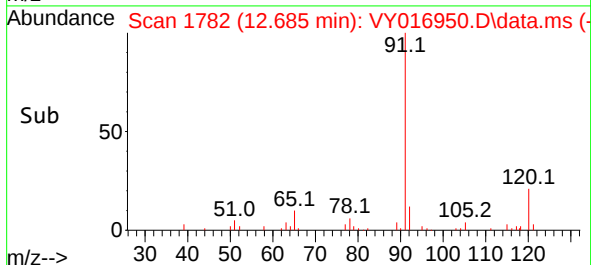
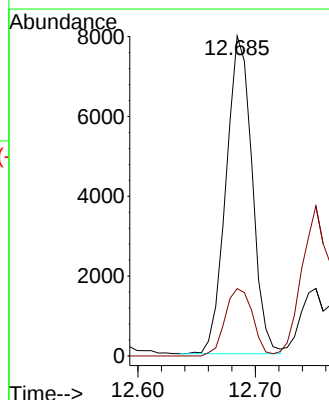
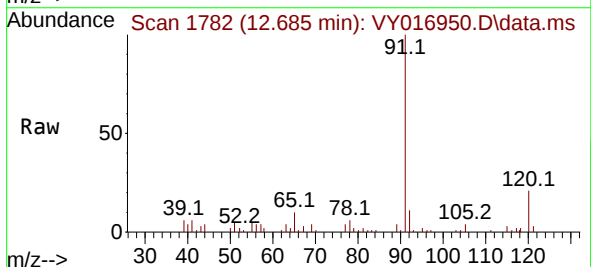
Acq: 09 Jan 2024 15:47

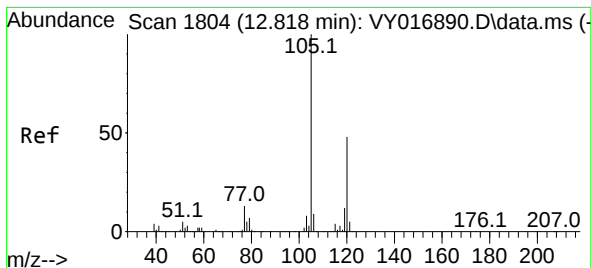
Tgt Ion: 91 Resp: 12253

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 7.957 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY016950.D

Acq: 09 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SP-C-GRAB

Tgt Ion:105 Resp: 19534

Ion Ratio Lower Upper

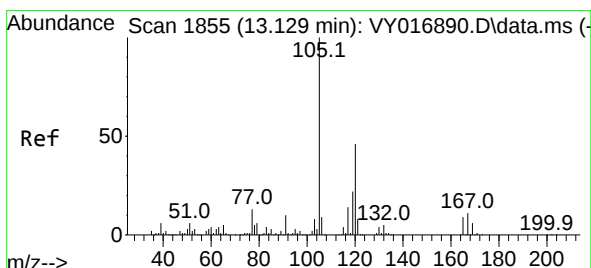
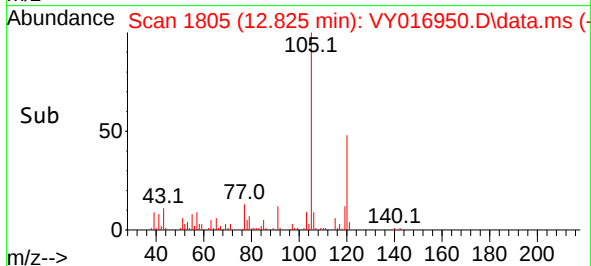
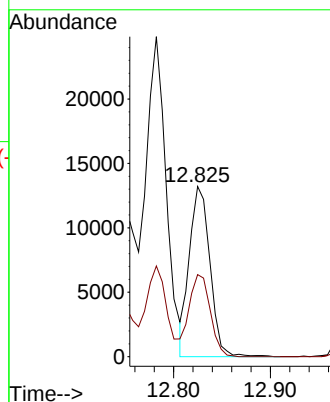
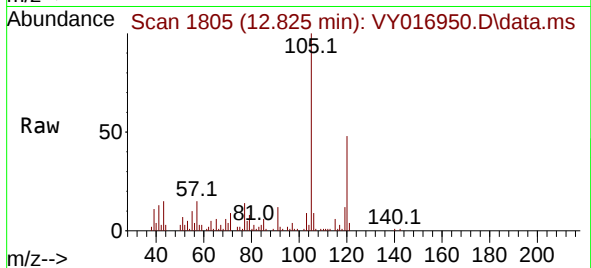
105 100

120 51.7 24.3 72.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 56.596 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016950.D

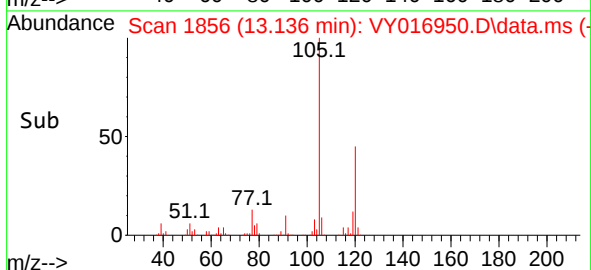
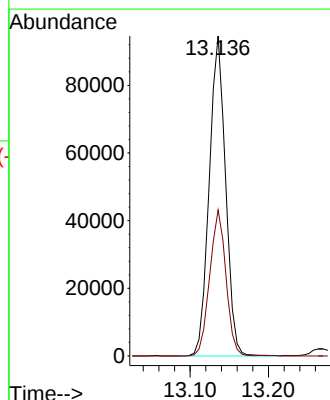
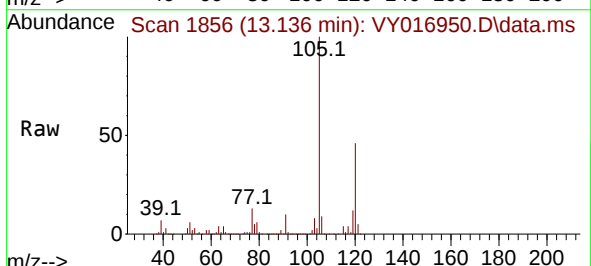
Acq: 09 Jan 2024 15:47

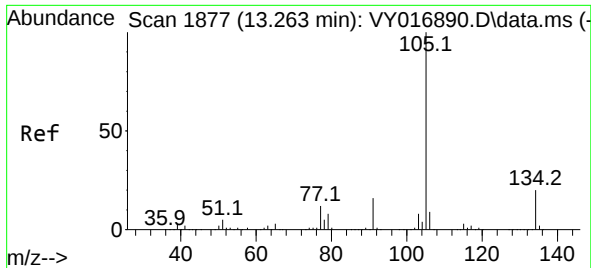
Tgt Ion:105 Resp: 136830

Ion Ratio Lower Upper

105 100

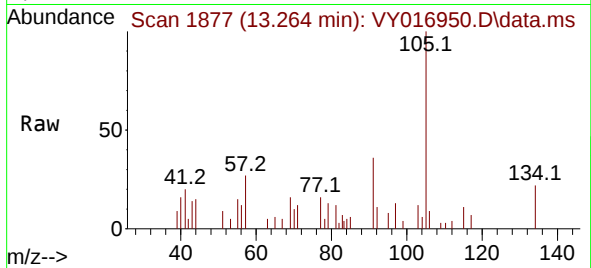
120 45.4 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 1.154 ug/l m
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.001 min
 Lab File: VY016950.D
 Acq: 09 Jan 2024 15:47

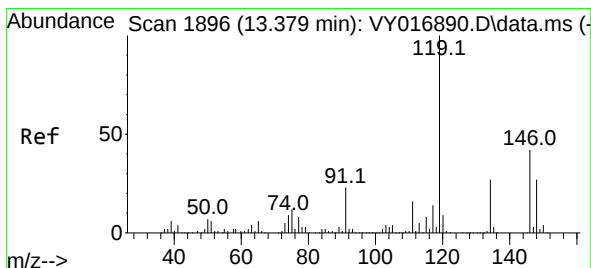
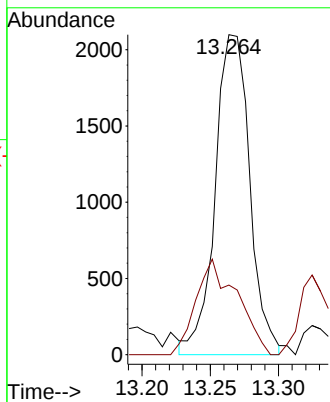
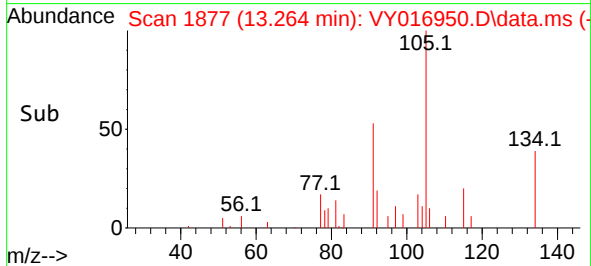
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-C-GRAB



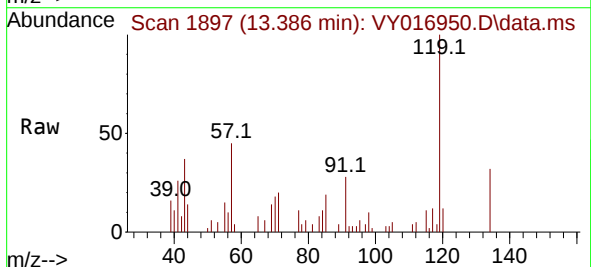
Tgt Ion:105 Resp: 369
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9

Manual Integrations
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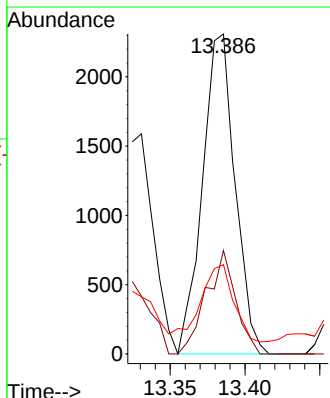
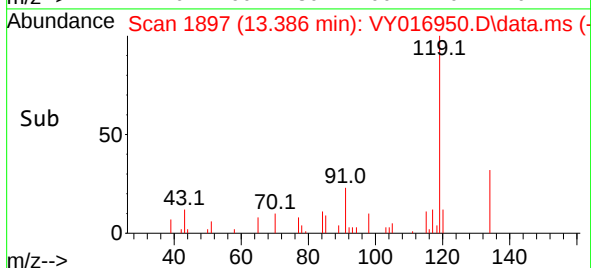
Reviewed By :Mahesh Dadoda 01/10/2024
 Supervised By :Semsettin Yesilyurt 01/10/2024

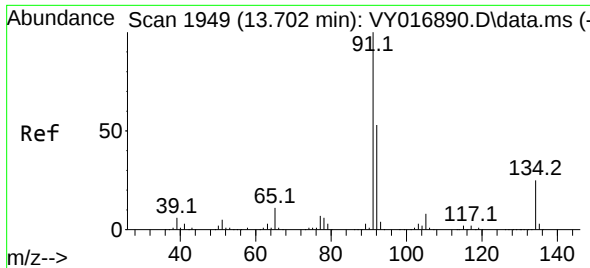


#86
 p-Isopropyltoluene
 Concen: 1.323 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY016950.D
 Acq: 09 Jan 2024 15:47



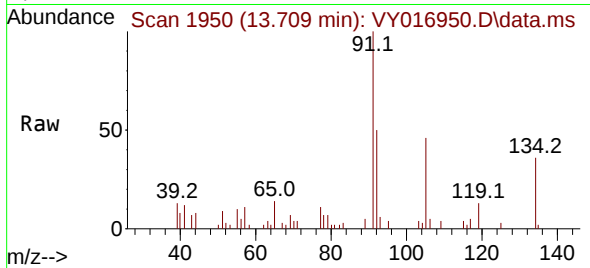
Tgt Ion:119 Resp: 3497
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.1 39.1
 91 22.6 11.7 35.0





#89
n-Butylbenzene
Concen: 1.804 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

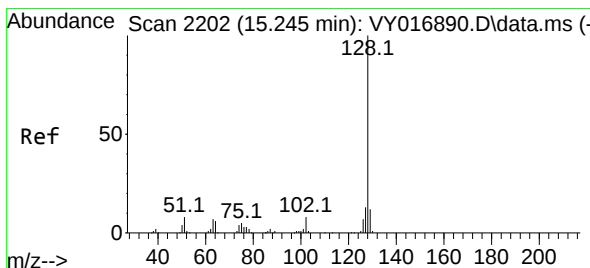
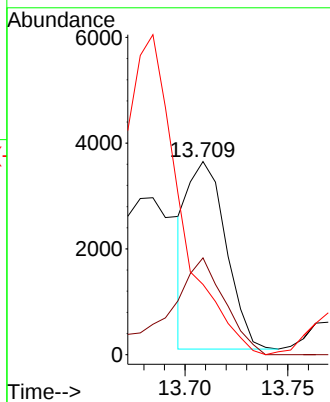
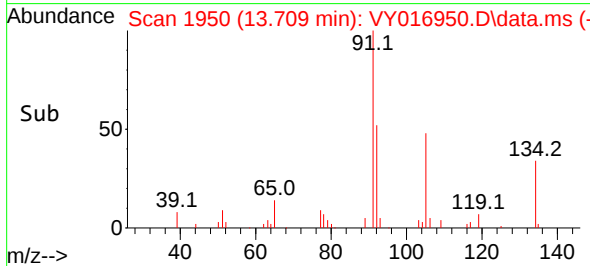
Instrument :
MSVOA_Y
ClientSampleId :
SP-C-GRAB



Tgt Ion: 91 Resp: 4580
Ion Ratio Lower Upper
91 100
92 76.5 26.4 79.2
134 0.0 12.3 36.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/10/2024
Supervised By :Semsettin Yesilyurt 01/10/2024



#95
Naphthalene
Concen: 10.273 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016950.D
Acq: 09 Jan 2024 15:47

Tgt Ion:128 Resp: 9401
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 12.8 8.6 12.8

