

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037154.D
 Acq On : 22 Aug 2023 14:50
 Operator : JC/MD
 Sample : 04060-01ME 20X
 Misc : 5.07g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1002

Quant Time: Aug 22 15:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2023
 Supervised By :Semsettin Yesilyurt 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96809	42.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.960%		
35) Dibromofluoromethane	5.385	113	78705	45.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	8.647	98	305898	49.241	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.480%		
62) 4-Bromofluorobenzene	11.079	95	125955	51.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.180%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	4646	8.792	ug/l #	78
16) Acetone	2.380	43	17342	19.679	ug/l #	85
17) Carbon Disulfide	2.508	76	860	0.210	ug/l #	76
20) Methylene Chloride	2.782	84	1383	0.702	ug/l #	85
31) Cyclohexane	5.513	56	1785	0.705	ug/l #	66
39) Methylcyclohexane	7.385	83	1442	0.564	ug/l	90
52) Toluene	8.720	92	107924	23.407	ug/l	99
67) Ethyl Benzene	10.195	91	10403	1.152	ug/l	99
68) m/p-Xylenes	10.305	106	13141	3.770	ug/l	100
69) o-Xylene	10.640	106	3791	1.102	ug/l	100
78) n-propylbenzene	11.305	91	8968	0.868	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	9110	1.177	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	34658	4.431	ug/l	95
85) sec-Butylbenzene	11.890	105	2254	0.261	ug/l #	72
86) p-Isopropyltoluene	12.012	119	1799m	0.242	ug/l	
89) n-Butylbenzene	12.329	91	8287	1.347	ug/l #	57
95) Naphthalene	13.774	128	21678	2.036	ug/l	98

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

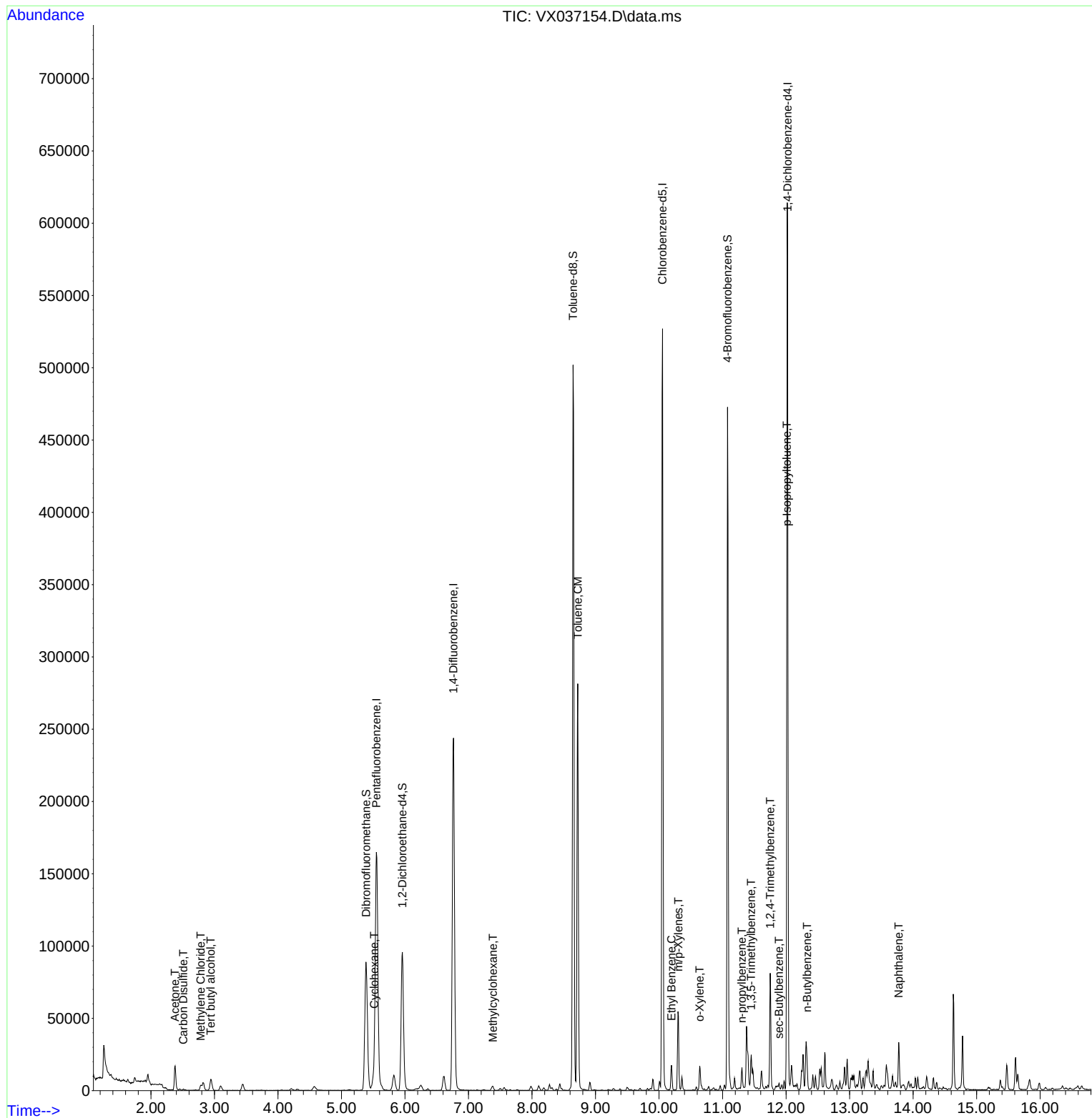
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
Data File : VX037154.D
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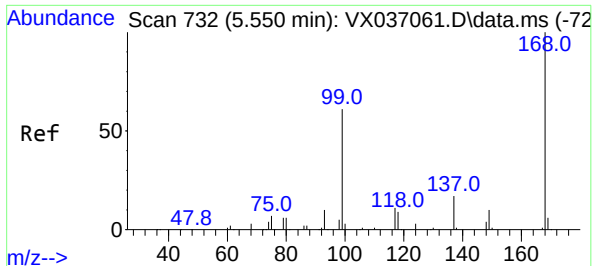
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002

Quant Time: Aug 22 15:39:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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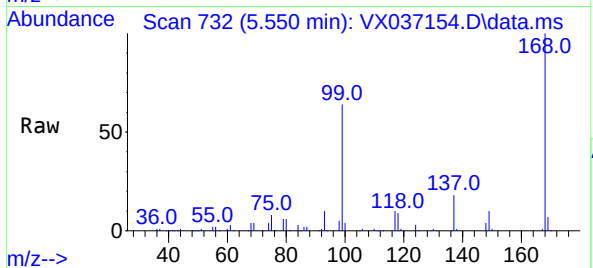
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

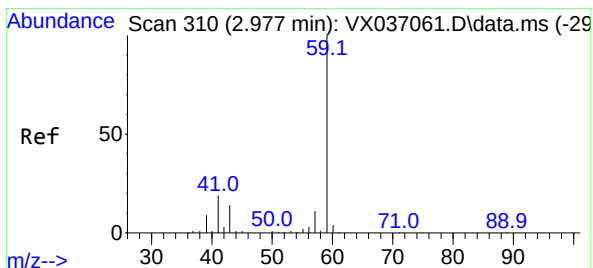
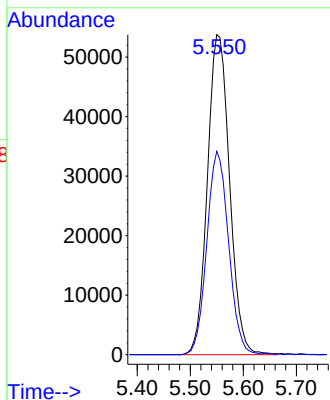
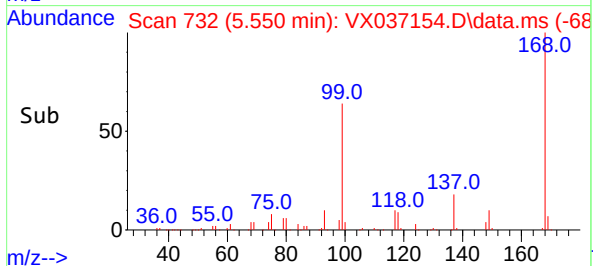
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



Tgt Ion:168 Resp: 15625
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

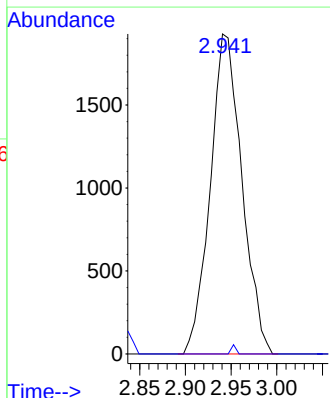
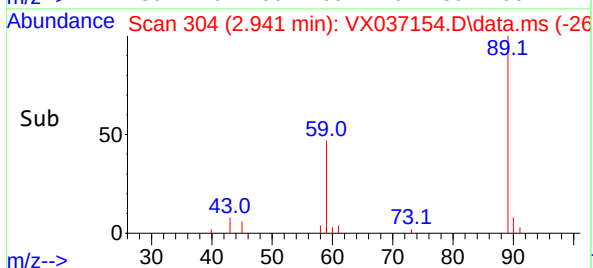
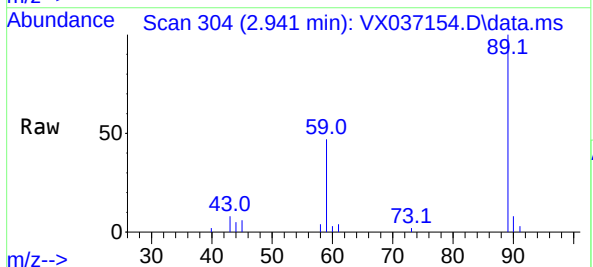
Manual Integrations
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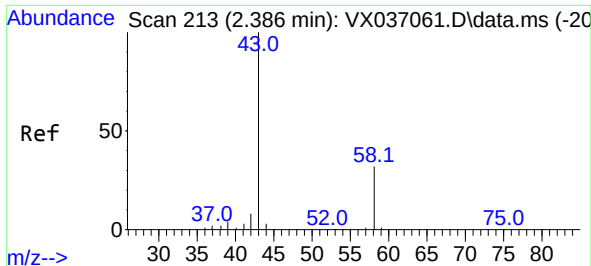
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023



#11
Tert butyl alcohol
Concen: 8.792 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

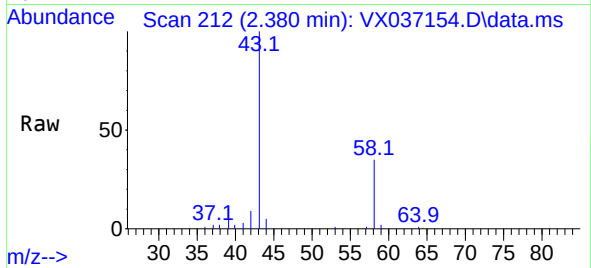
Tgt Ion: 59 Resp: 4646
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16
Acetone
Concen: 19.679 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

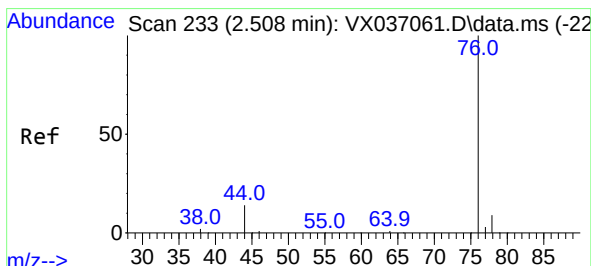
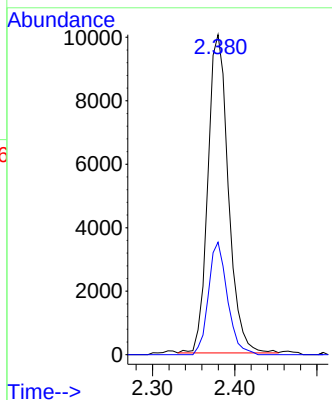
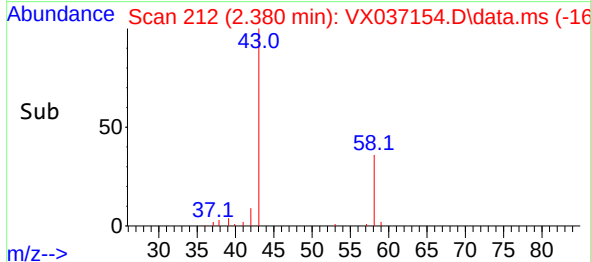
Instrument :
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ClientSampleId :
AUD-1002



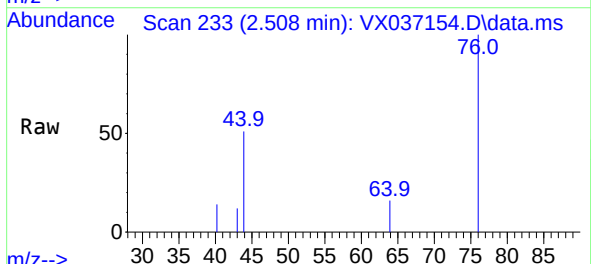
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9

Manual Integrations
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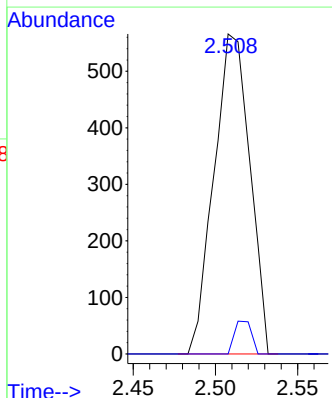
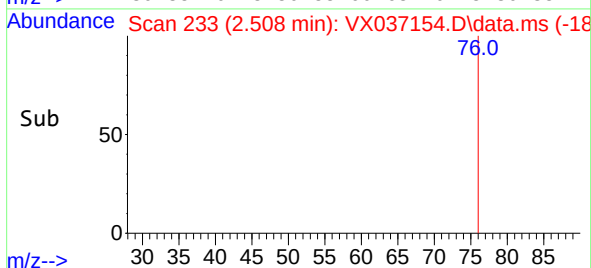
Reviewed By :Mahesh Dadoda 08/23/2023
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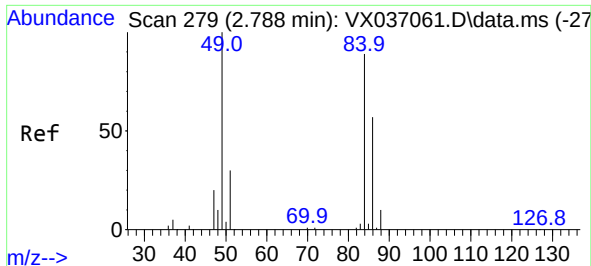


#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



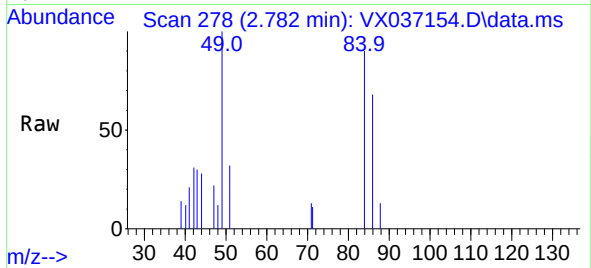
Tgt Ion: 76 Resp: 860
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6





#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

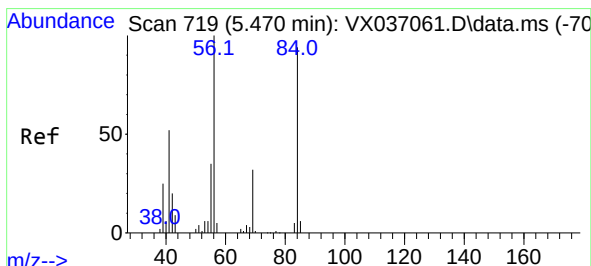
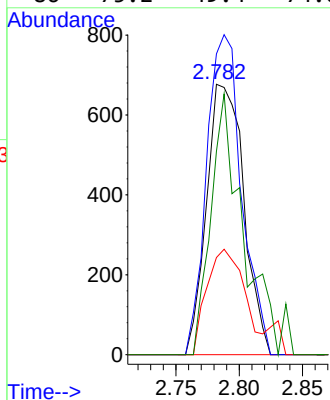
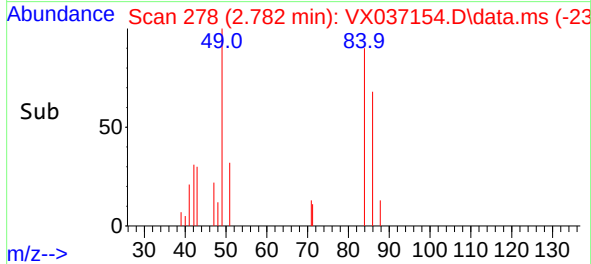
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



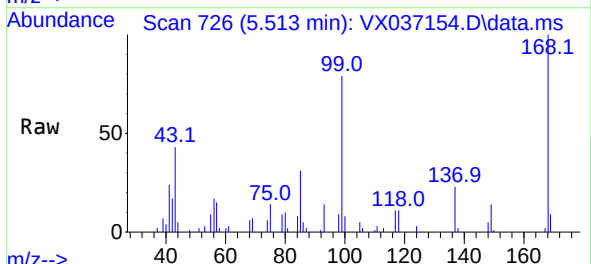
Tgt Ion: 84 Resp: 138
Ion Ratio Lower Upper
84 100
49 111.2 103.6 155.4
51 35.9 33.8 50.6
86 75.2 49.4 74.0#

Manual Integrations
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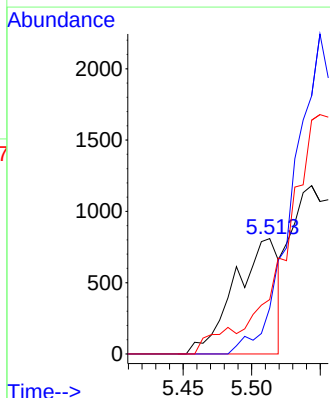
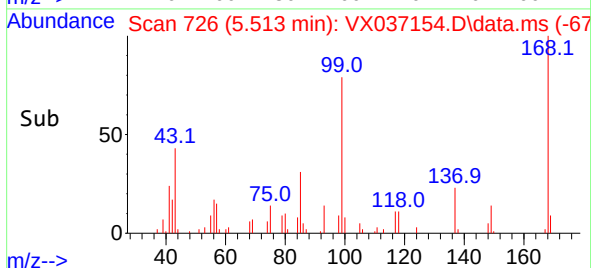
Reviewed By :Mahesh Dadoda 08/23/2023
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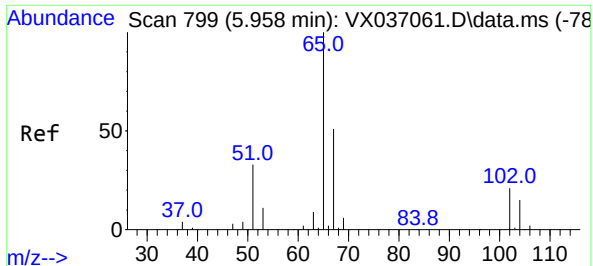


#31
Cyclohexane
Concen: 0.705 ug/l
RT: 5.513 min Scan# 726
Delta R.T. 0.043 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



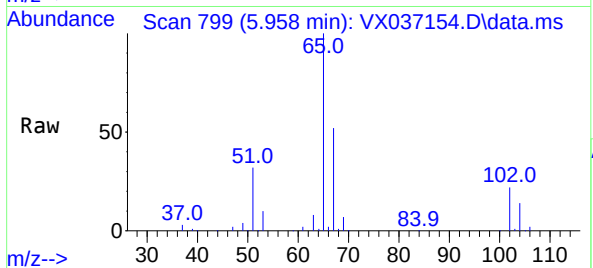
Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 39.8 23.4 35.2#
84 47.2 65.9 98.9#





#33
1,2-Dichloroethane-d4
Concen: 42.976 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

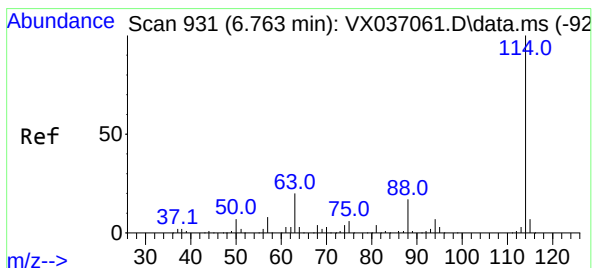
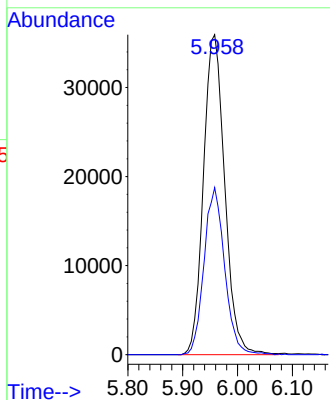
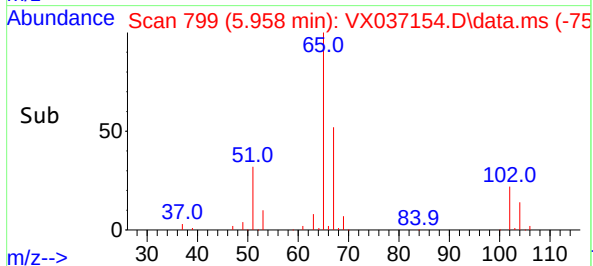
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



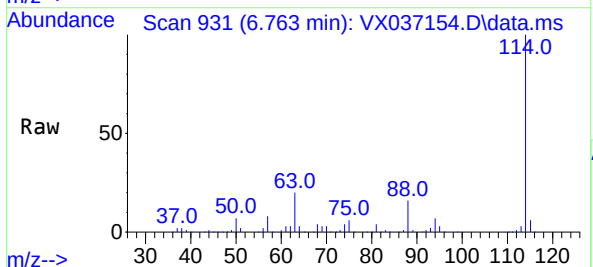
Tgt Ion: 65 Resp: 96809
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

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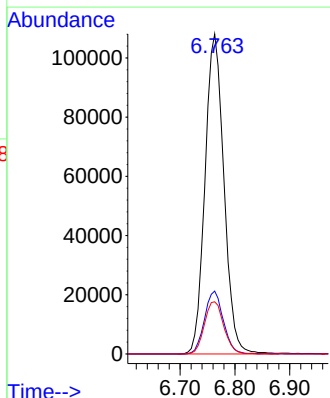
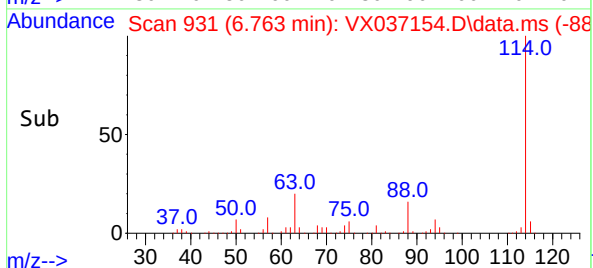
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

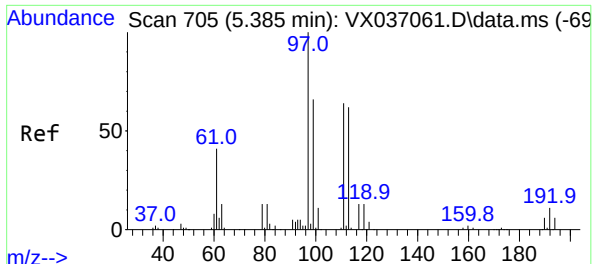


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



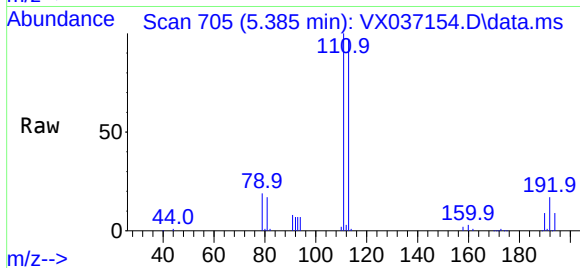
Tgt Ion:114 Resp: 258593
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.956 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

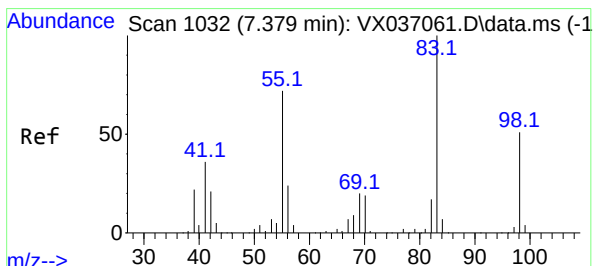
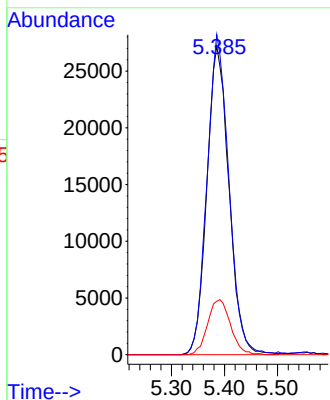
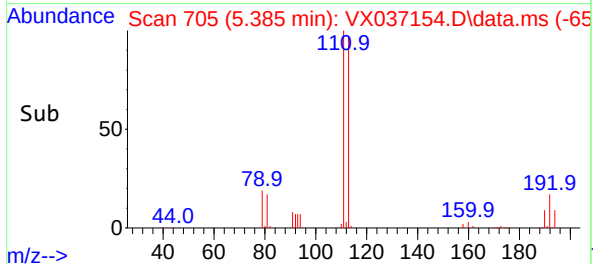
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



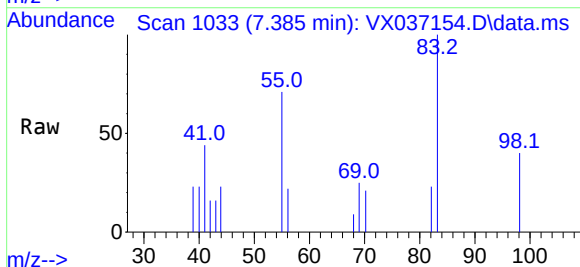
Tgt Ion: 113 Resp: 7870
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.5 13.3 19.9

Manual Integrations
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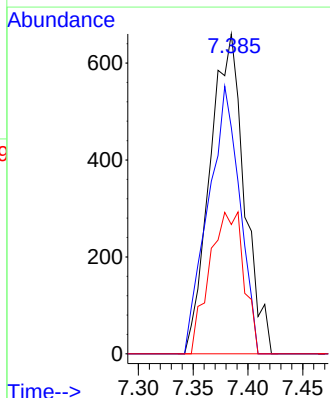
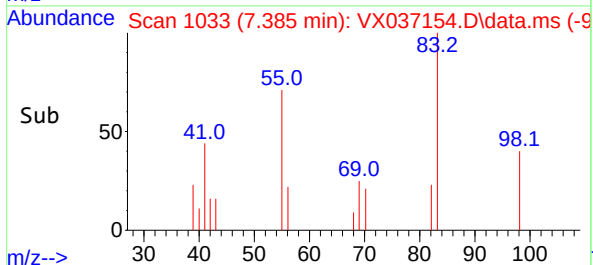
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

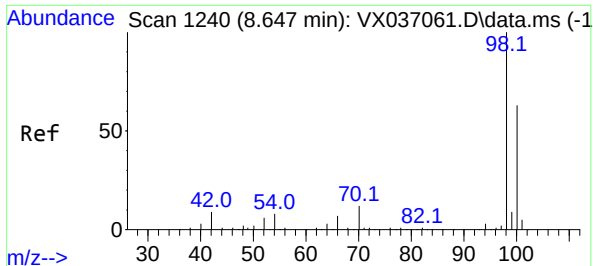


#39
Methylcyclohexane
Concen: 0.564 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



Tgt Ion: 83 Resp: 1442
Ion Ratio Lower Upper
83 100
55 70.8 64.6 97.0
98 40.5 36.7 55.1





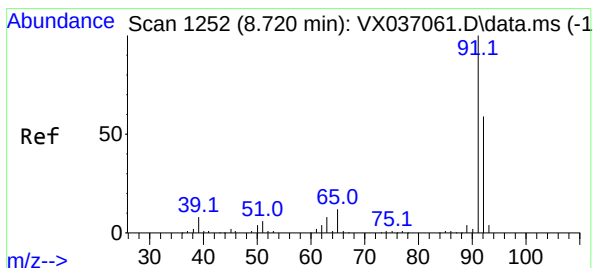
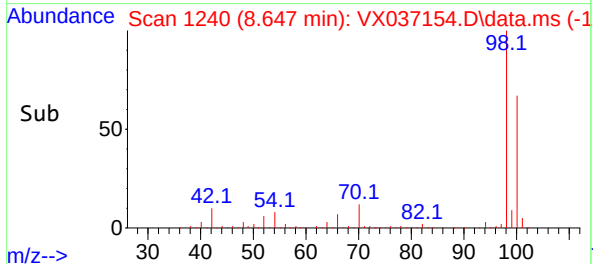
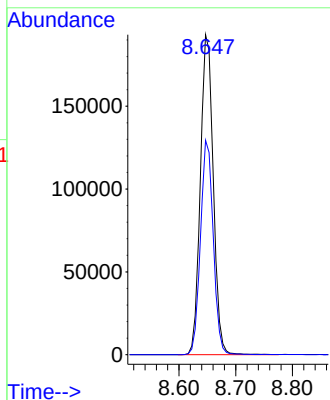
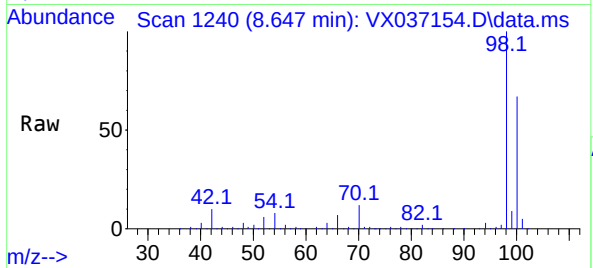
#50
Toluene-d8
Concen: 49.241 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 305898
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

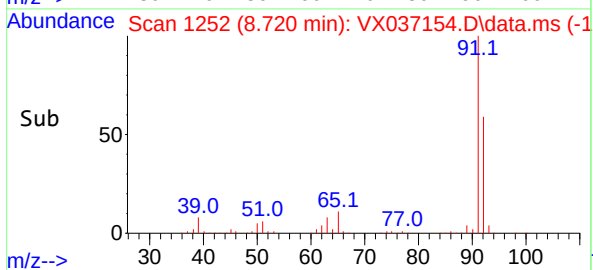
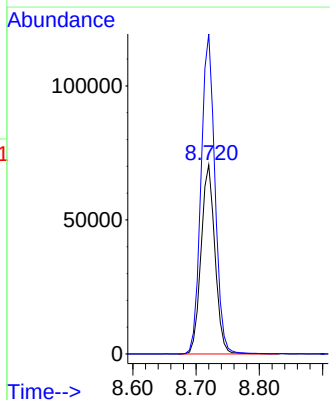
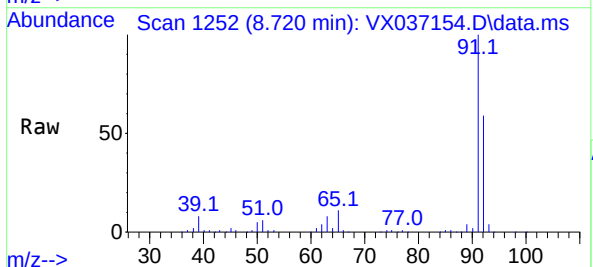
Manual Integrations
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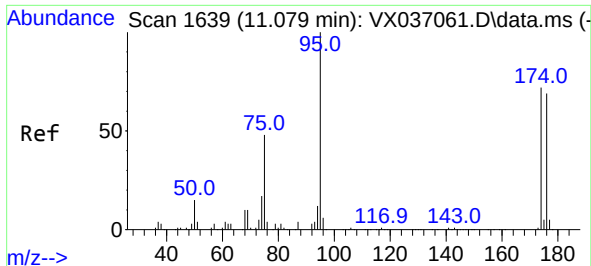
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023



#52
Toluene
Concen: 23.407 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

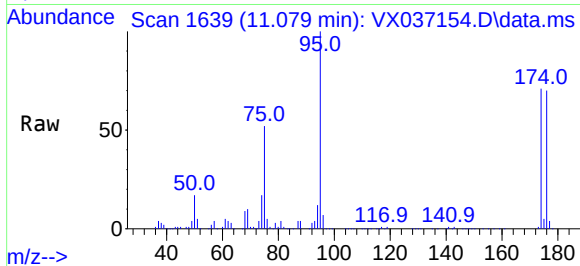
Tgt Ion: 92 Resp: 107924
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 51.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

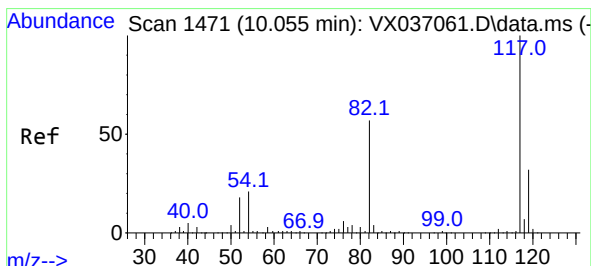
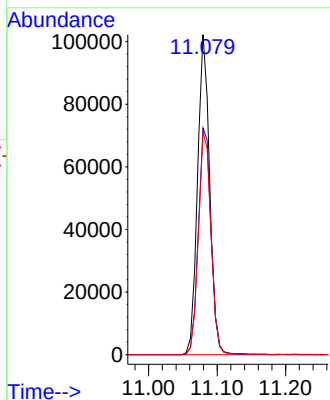
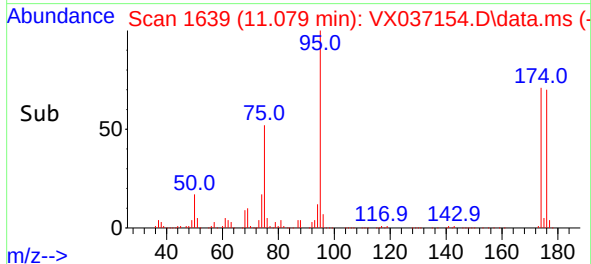
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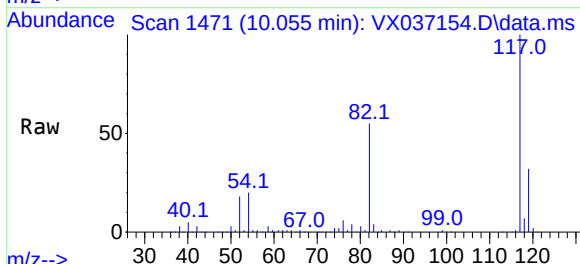
Tgt Ion: 95 Resp: 12595
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.1 0.0 131.0

Manual Integrations
APPROVED

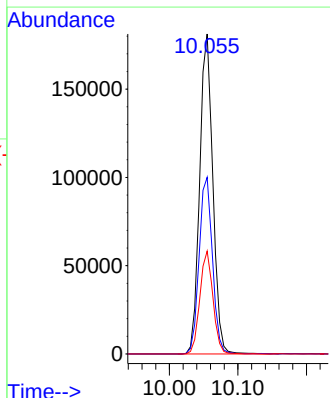
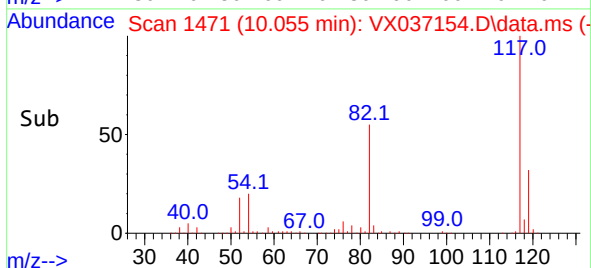
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

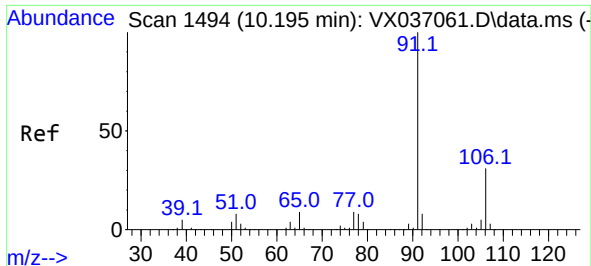


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



Tgt Ion:117 Resp: 242717
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.2 25.5 38.3





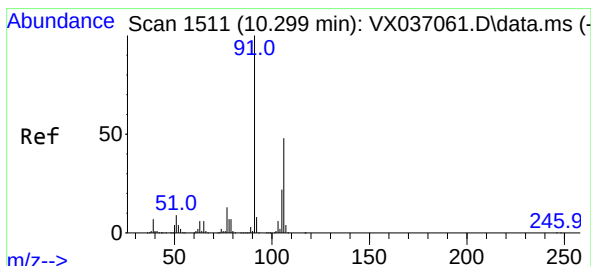
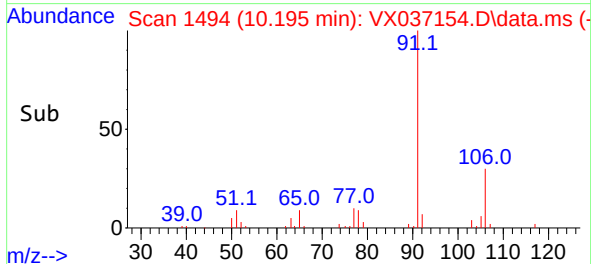
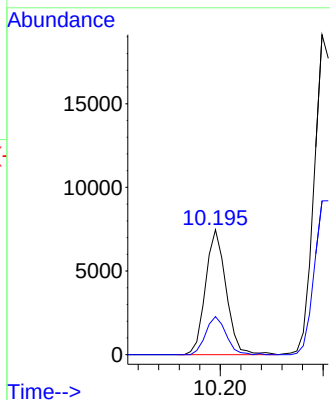
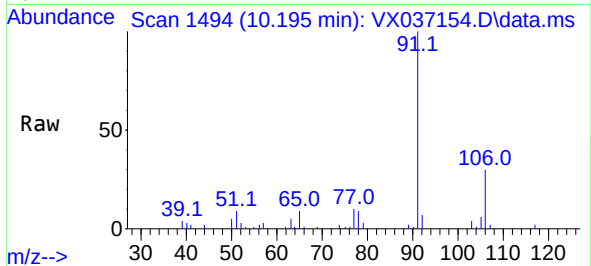
#67
Ethyl Benzene
Concen: 1.152 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
AUD-1002

Tgt Ion: 91 Resp: 1040
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

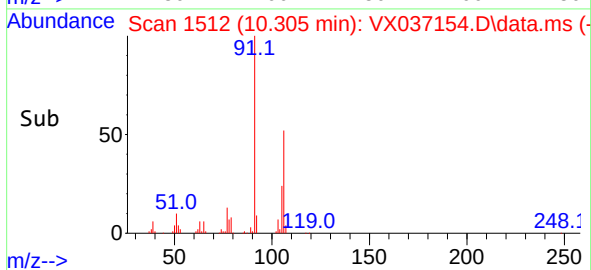
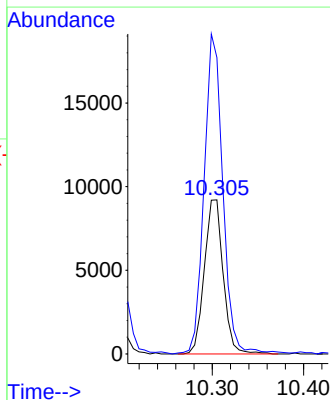
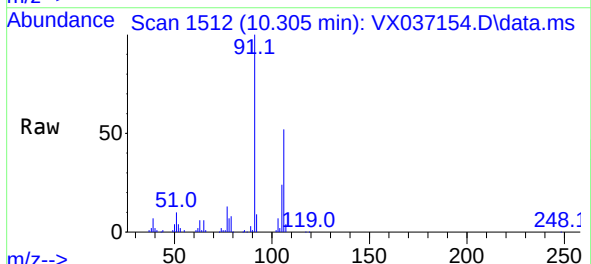
Manual Integrations
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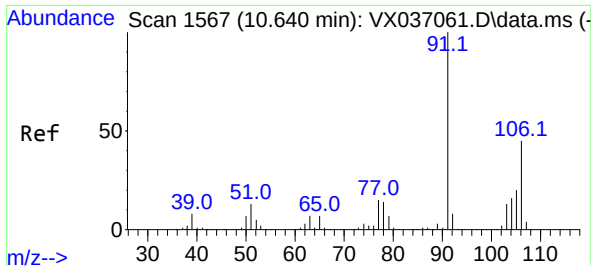
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023



#68
m/p-Xylenes
Concen: 3.770 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

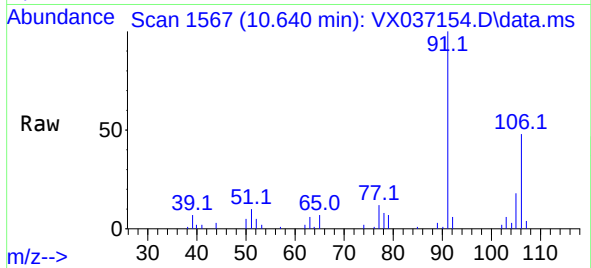
Tgt Ion:106 Resp: 13141
Ion Ratio Lower Upper
106 100
91 206.7 165.5 248.3





#69
o-Xylene
Concen: 1.102 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

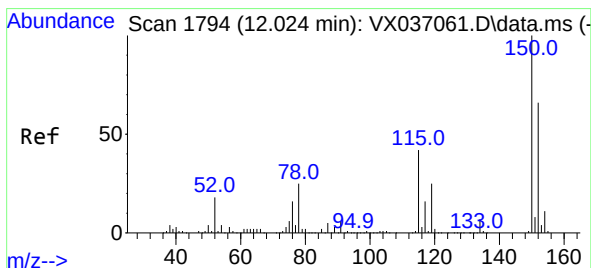
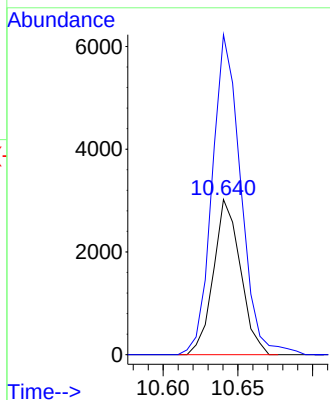
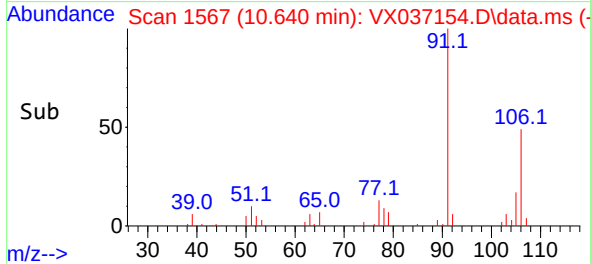
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



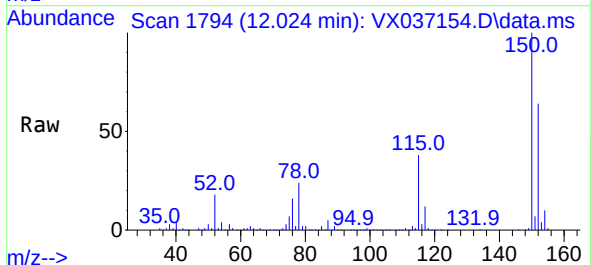
Tgt Ion:106 Resp: 379
Ion Ratio Lower Upper
106 100
91 218.6 108.9 326.8

Manual Integrations
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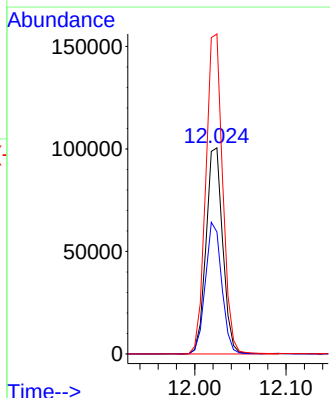
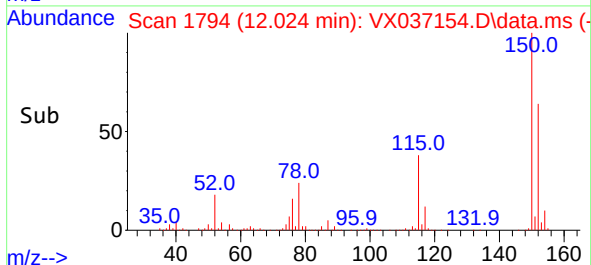
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

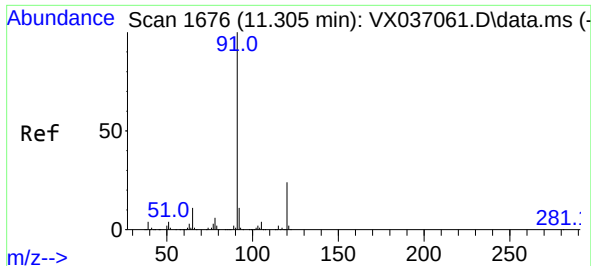


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



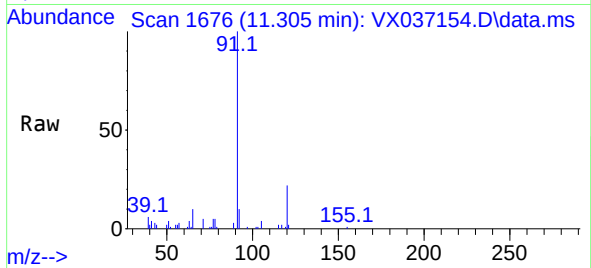
Tgt Ion:152 Resp: 127648
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 157.3 0.0 345.0





#78
n-propylbenzene
Concen: 0.868 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

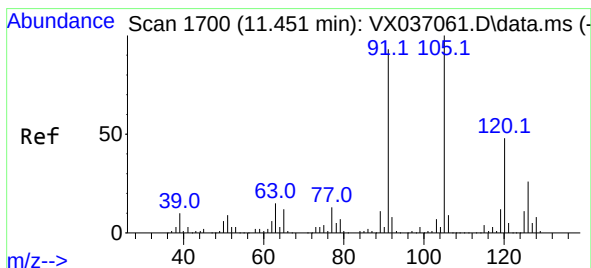
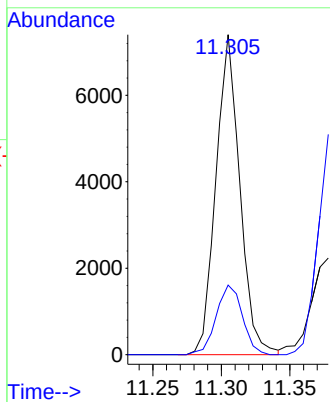
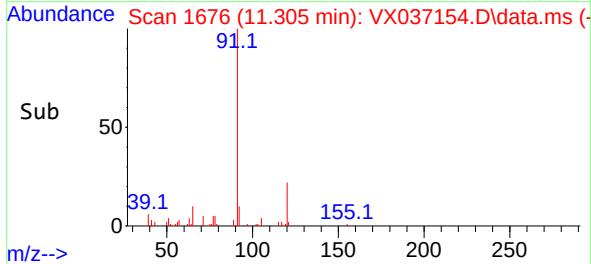
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



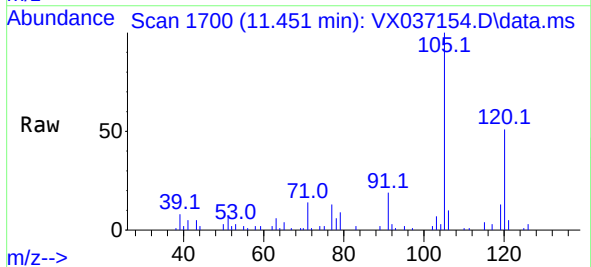
Tgt Ion: 91 Resp: 896
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4

Manual Integrations
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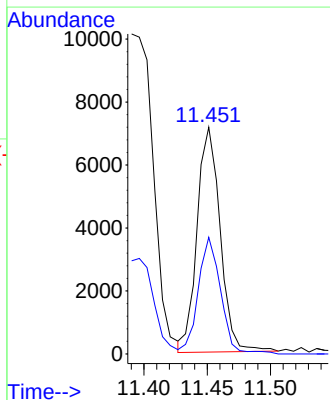
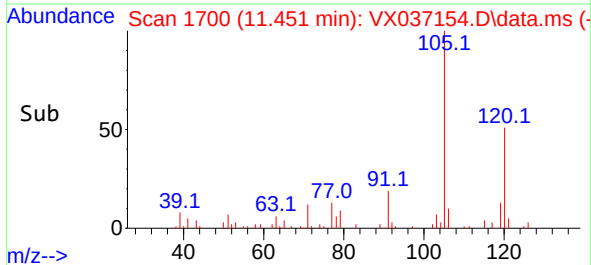
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

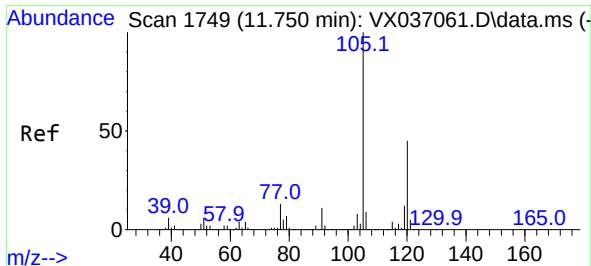


#80
1,3,5-Trimethylbenzene
Concen: 1.177 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



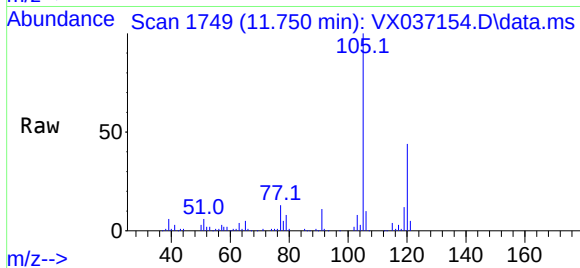
Tgt Ion:105 Resp: 9110
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 4.431 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

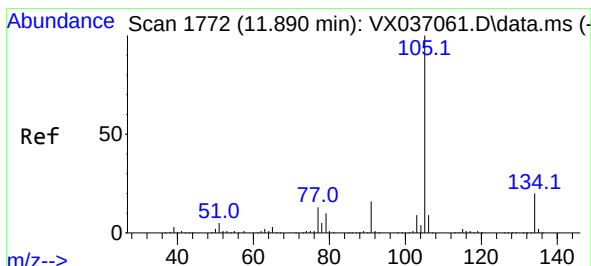
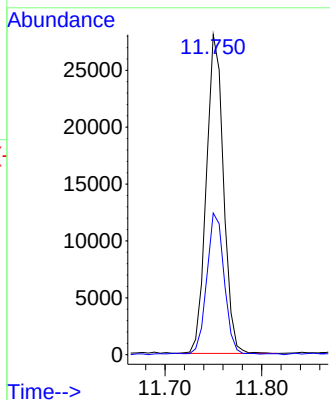
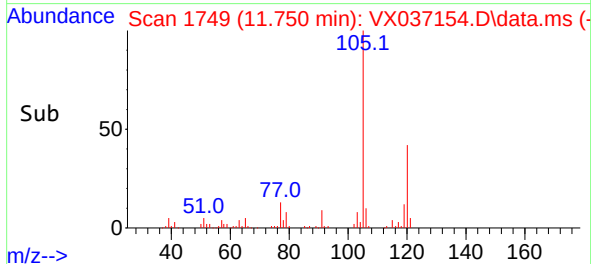
Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



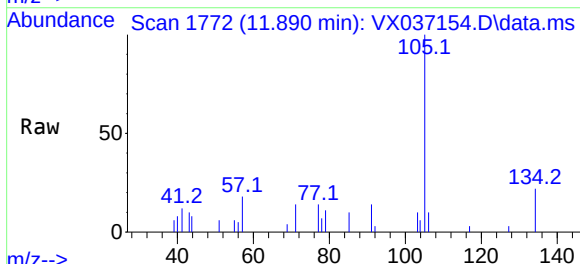
Tgt Ion:105 Resp: 34658
Ion Ratio Lower Upper
105 100
120 45.9 21.2 63.6

Manual Integrations
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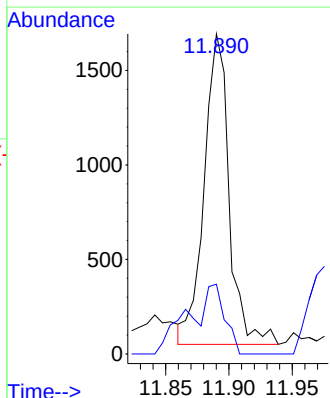
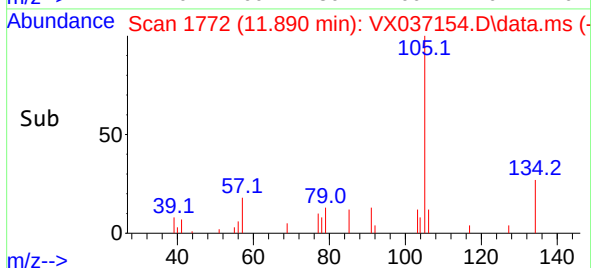
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

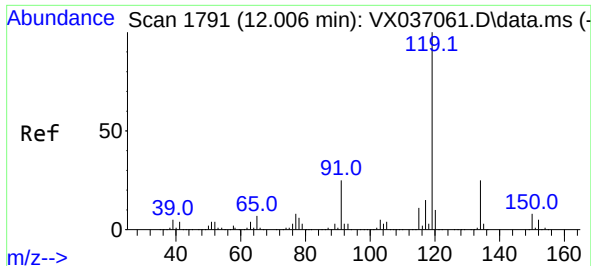


#85
sec-Butylbenzene
Concen: 0.261 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50



Tgt Ion:105 Resp: 2254
Ion Ratio Lower Upper
105 100
134 32.5 9.8 29.4#





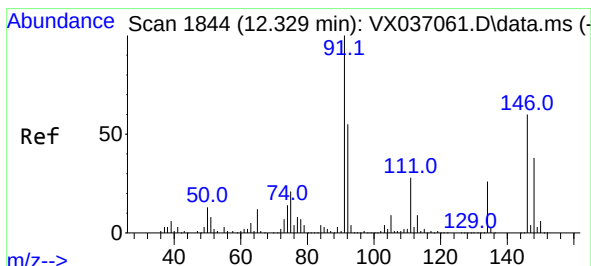
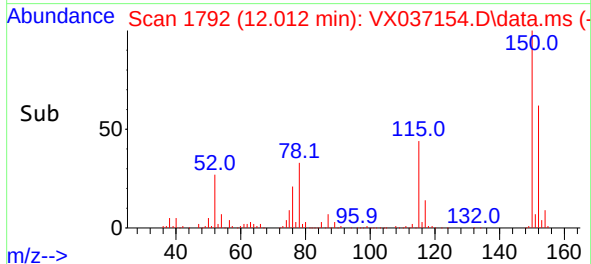
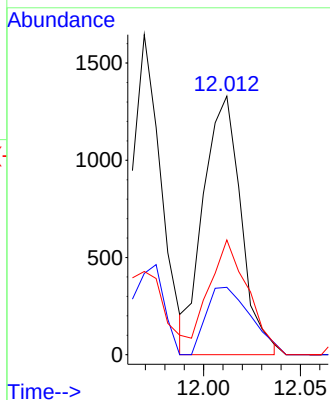
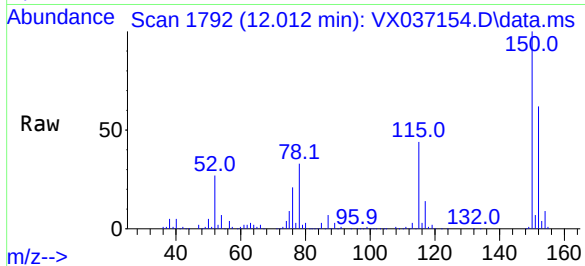
#86
p-Isopropyltoluene
Concen: 0.242 ug/l m
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
AUD-1002

Tgt Ion: 119 Resp: 1799
Ion Ratio Lower Upper
119 100
134 30.1 12.8 38.3
91 35.1 13.1 39.3

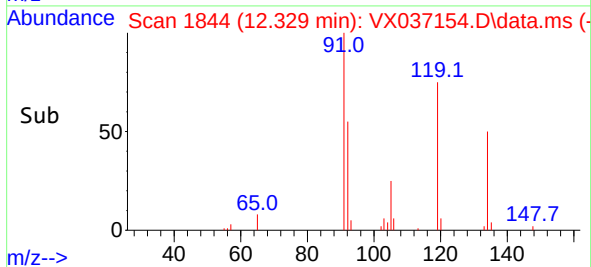
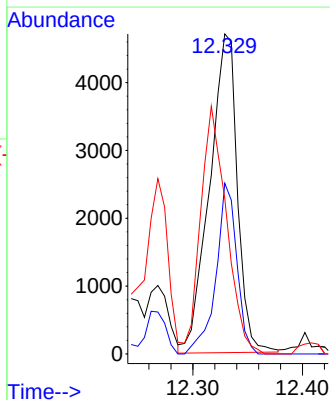
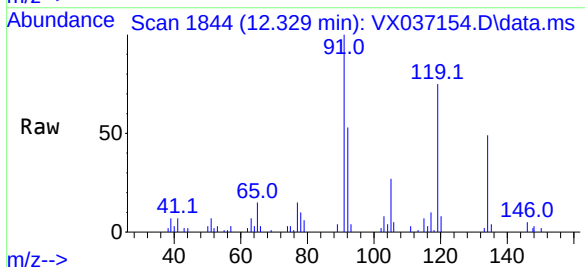
Manual Integrations
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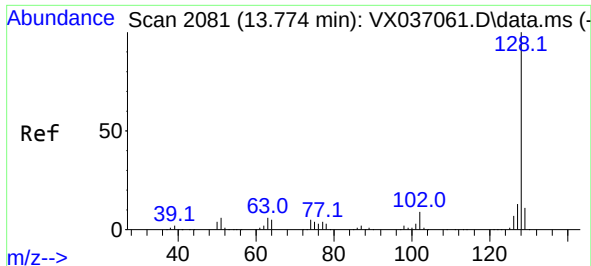
Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023



#89
n-Butylbenzene
Concen: 1.347 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

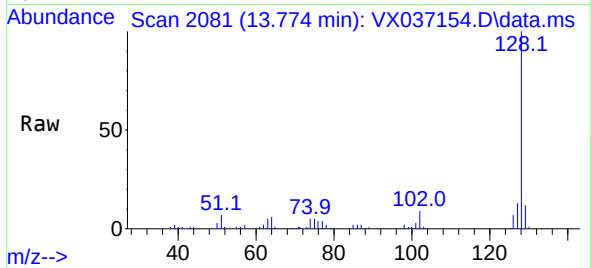
Tgt Ion: 91 Resp: 8287
Ion Ratio Lower Upper
91 100
92 40.1 27.4 82.0
134 71.7 12.6 37.8#





#95
Naphthalene
Concen: 2.036 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037154.D
Acq: 22 Aug 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
AUD-1002



Tgt Ion:128 Resp: 21678
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/23/2023
Supervised By :Semsettin Yesilyurt 08/23/2023

