

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026873.D
 Acq On : 09 Feb 2022 16:57
 Operator : JC/MD
 Sample : N1425-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20722

Quant Time: Feb 10 01:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78109	53.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.480%			
35) Dibromofluoromethane	5.391	113	62700	52.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	8.653	98	237472	53.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.880%			
62) 4-Bromofluorobenzene	11.079	95	90673	58.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.000%			
Target Compounds					Qvalue	
16) Acetone	2.385	43	17760	27.820	ug/l	96
17) Carbon Disulfide	2.526	76	1967	0.561	ug/l #	92
18) Methyl Acetate	2.715	43	1611	0.877	ug/l	97
25) 2-Butanone	4.568	43	3493	3.396	ug/l	92
39) Methylcyclohexane	7.378	83	760	0.328	ug/l	93
40) Benzene	6.043	78	4633	0.840	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	2116	1.056	ug/l	88
52) Toluene	8.726	92	3888	1.114	ug/l	98
67) Ethyl Benzene	10.195	91	9942	1.471	ug/l	97
68) m/p-Xylenes	10.299	106	14810	5.694	ug/l	100
69) o-Xylene	10.646	106	10835	4.252	ug/l	98
73) Isopropylbenzene	10.963	105	4453	0.682	ug/l	98
78) n-propylbenzene	11.304	91	16398	2.265	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	23077	4.294	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	88426	16.312	ug/l	98
85) sec-Butylbenzene	11.890	105	7537	1.161	ug/l	84
86) p-Isopropyltoluene	12.012	119	6559	1.192	ug/l	96
89) n-Butylbenzene	12.329	91	14210	3.157	ug/l #	44
95) Naphthalene	13.780	128	19008	3.133	ug/l #	95

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

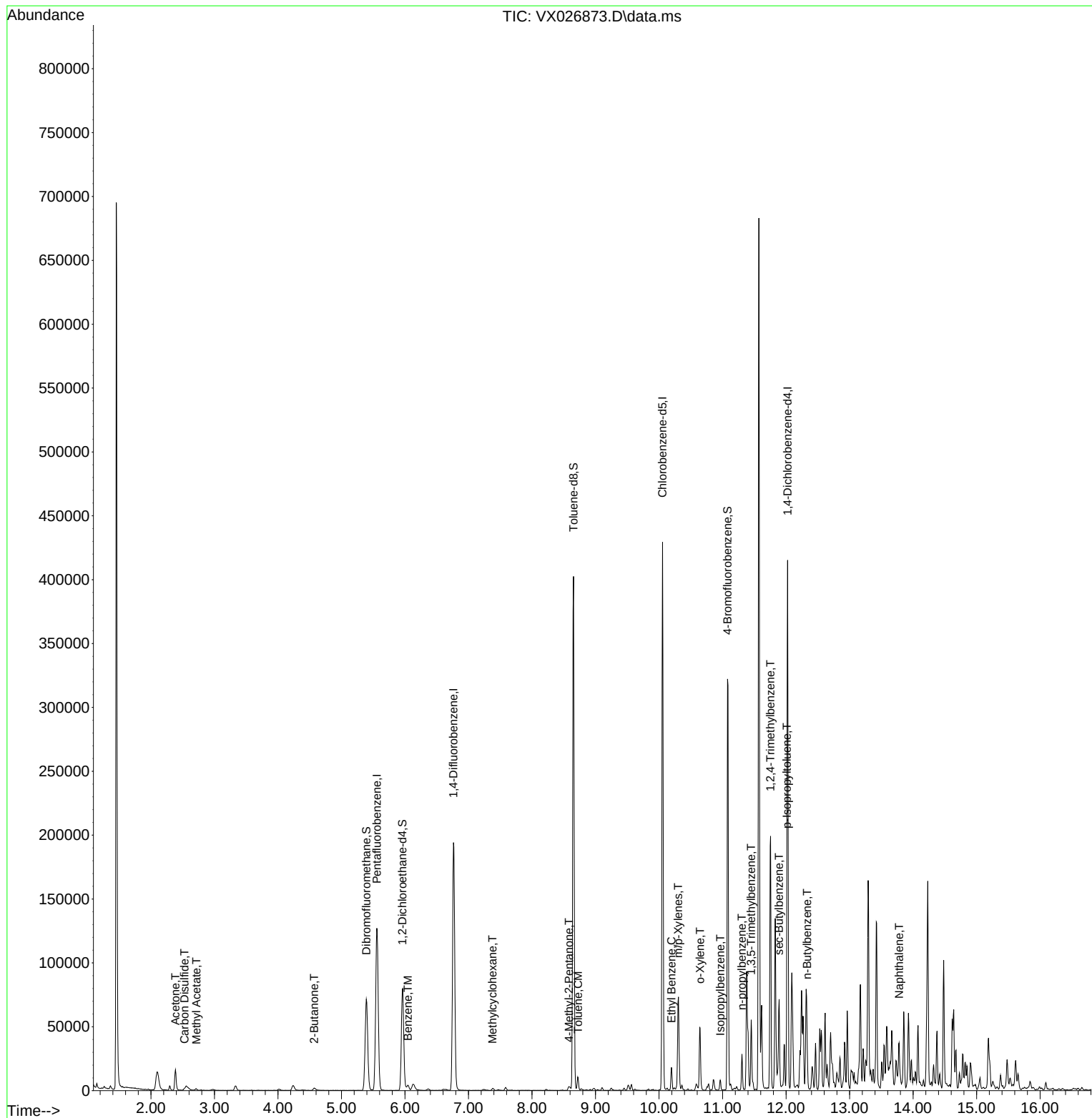
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
Data File : VX026873.D
Acq On : 09 Feb 2022 16:57
Operator : JC/MD
Sample : N1425-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

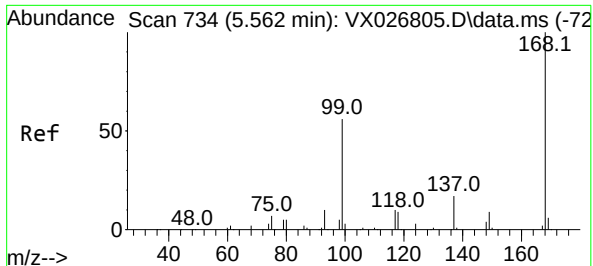
Instrument :
MSVOA_X
ClientSampleId :
20722

Quant Time: Feb 10 01:07:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022





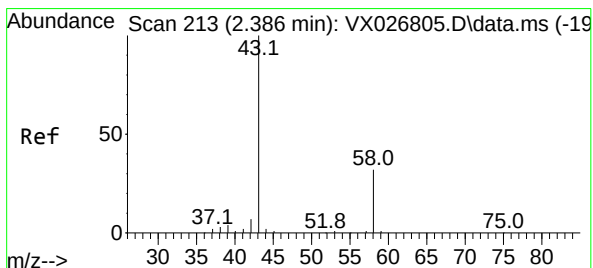
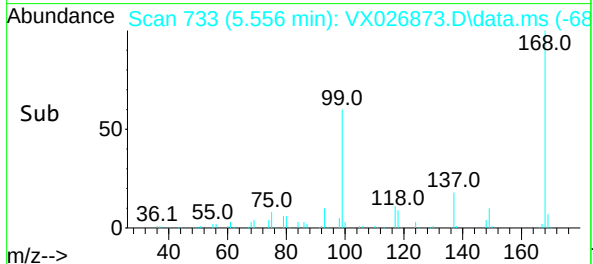
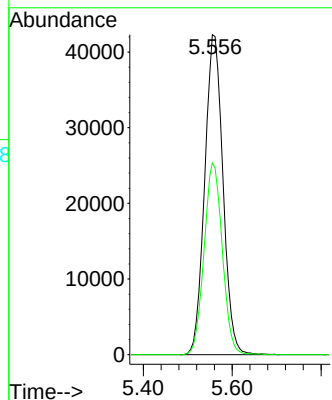
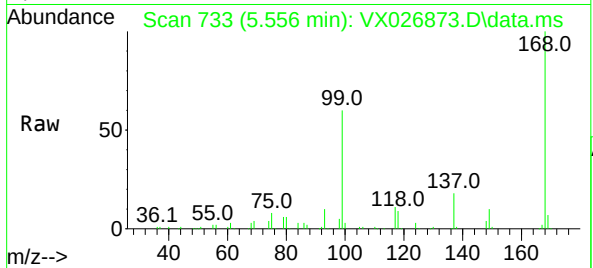
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
20722

Tgt Ion:168 Resp: 12108
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5

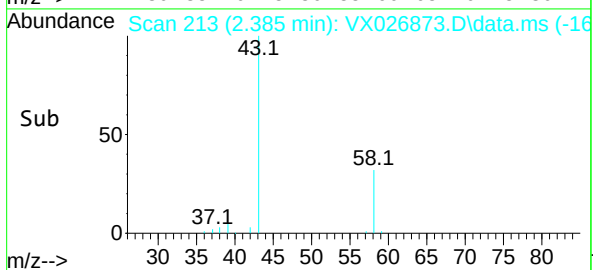
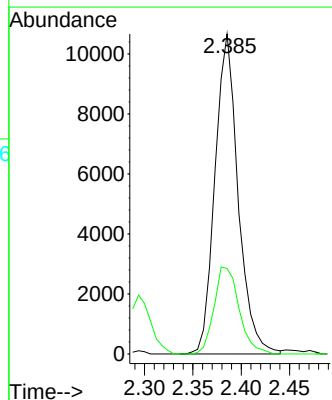
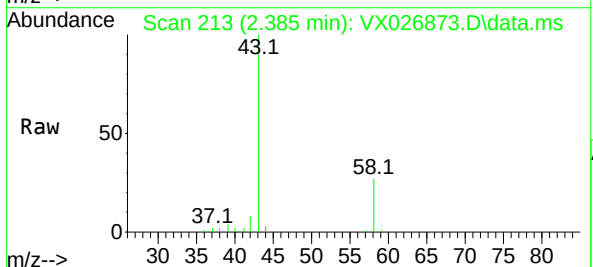
Manual Integrations
APPROVED

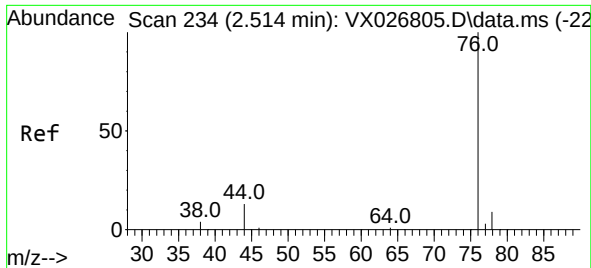
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#16
Acetone
Concen: 27.820 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

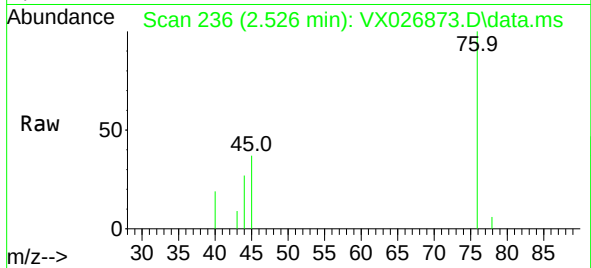
Tgt Ion: 43 Resp: 17760
Ion Ratio Lower Upper
43 100
58 26.7 23.0 34.6





#17
Carbon Disulfide
Concen: 0.561 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

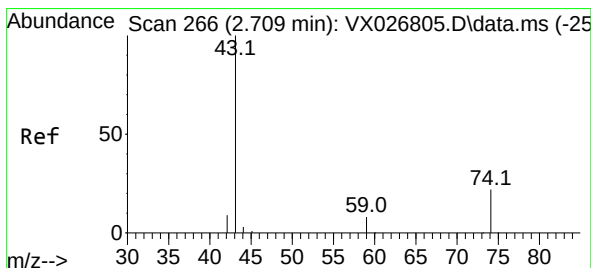
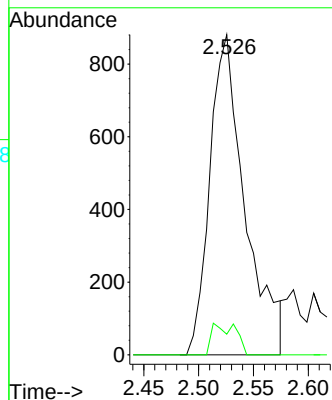
Instrument :
MSVOA_X
ClientSampleId :
20722



Tgt Ion: 76 Resp: 196
Ion Ratio Lower Upper
76 100
78 6.5 7.5 11.3

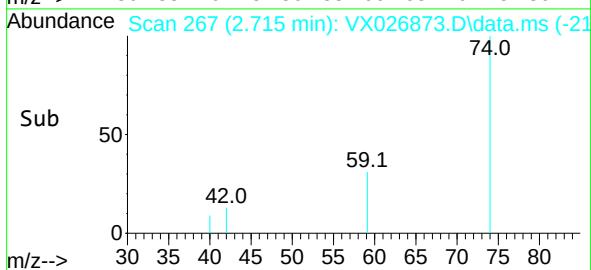
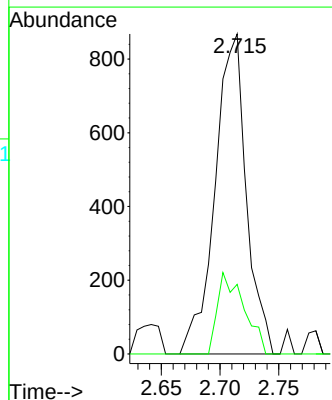
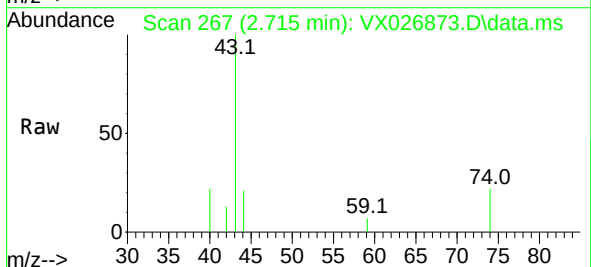
Manual Integrations
APPROVED

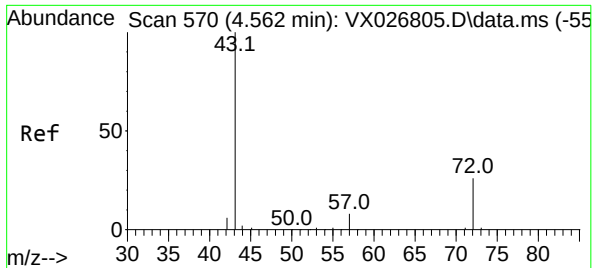
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#18
Methyl Acetate
Concen: 0.877 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

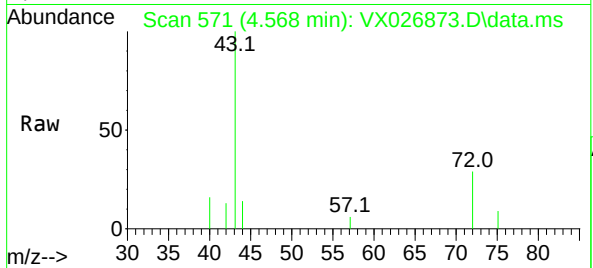
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5





#25
2-Butanone
Concen: 3.396 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

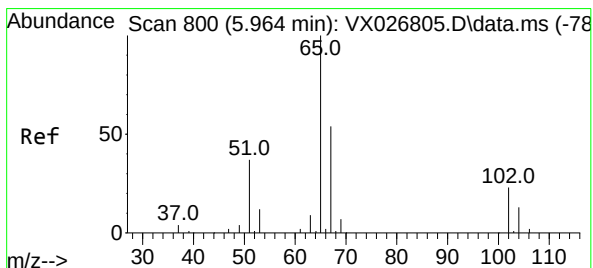
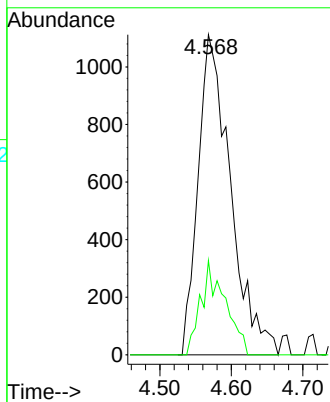
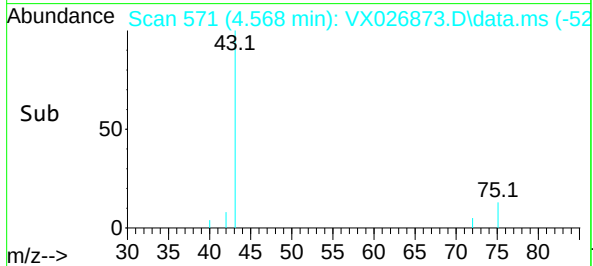
Instrument :
MSVOA_X
ClientSampleId :
20722



Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
72 29.4 20.4 30.6

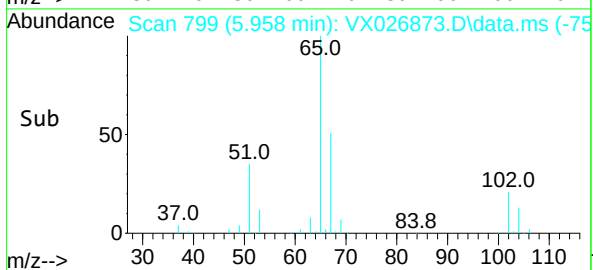
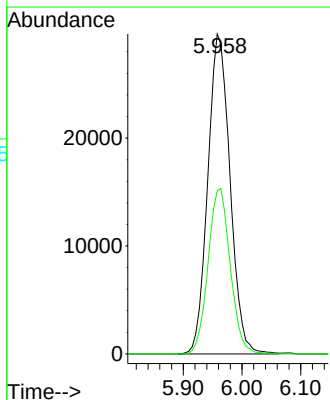
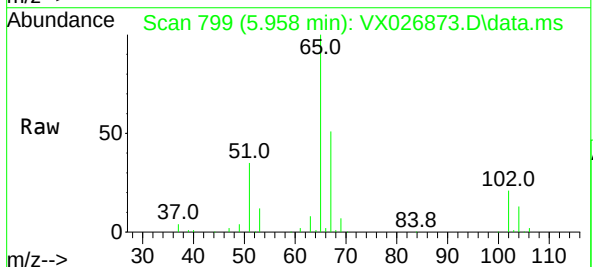
Manual Integrations
APPROVED

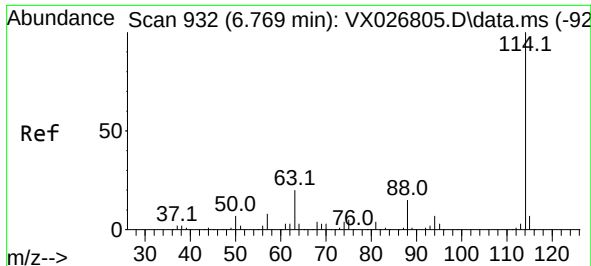
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#33
1,2-Dichloroethane-d4
Concen: 53.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

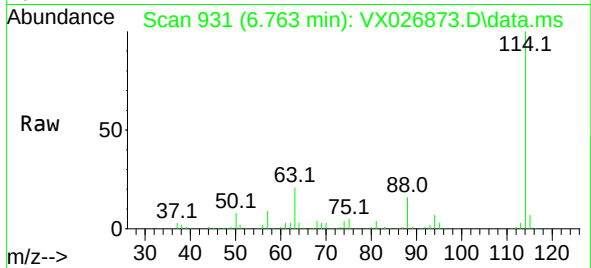
Tgt Ion: 65 Resp: 78109
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

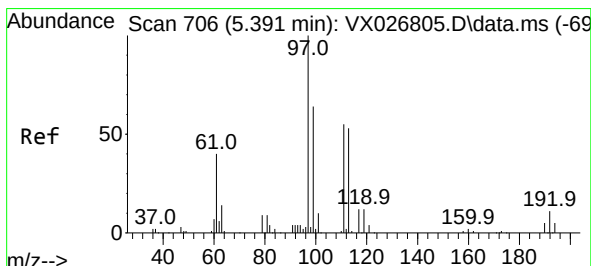
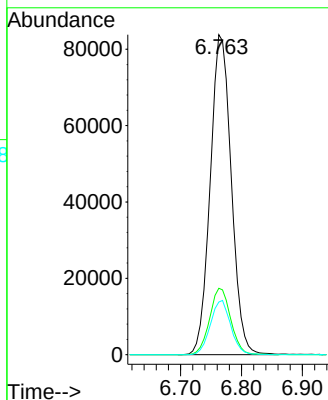
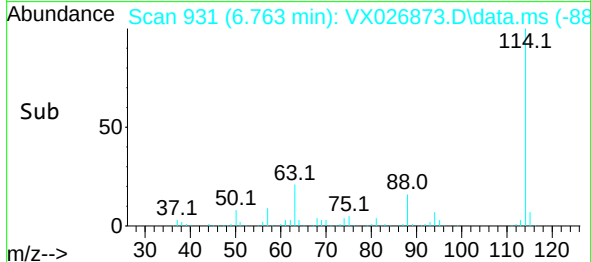
Instrument :
MSVOA_X
ClientSampleId :
20722



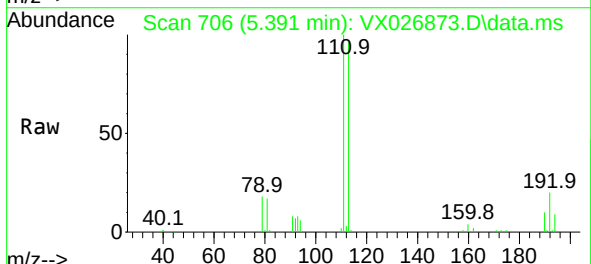
Tgt Ion:114 Resp: 201292
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.8
88 16.5 0.0 33.0

Manual Integrations
APPROVED

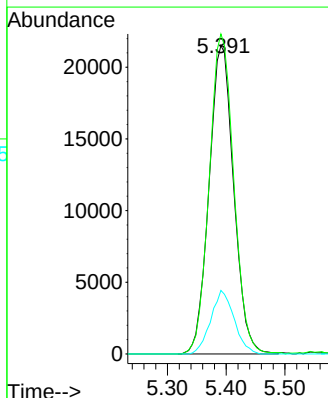
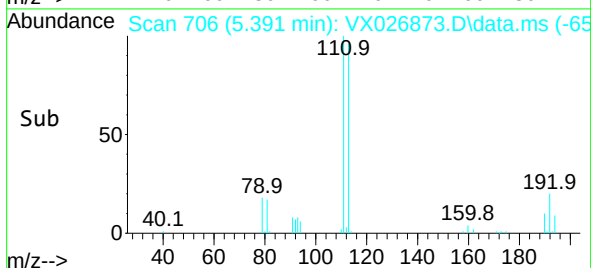
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

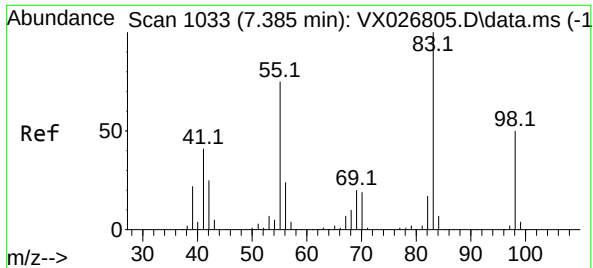


#35
Dibromofluoromethane
Concen: 52.282 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57



Tgt Ion:113 Resp: 62700
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.5 15.0 22.4





#39

Methylcyclohexane

Concen: 0.328 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX026873.D

Acq: 09 Feb 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

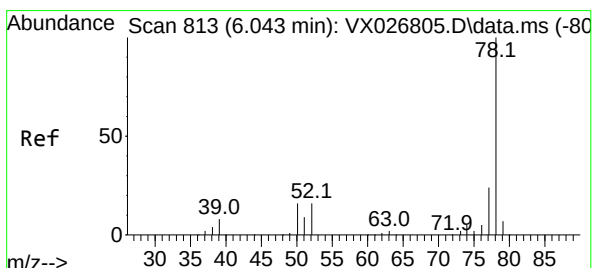
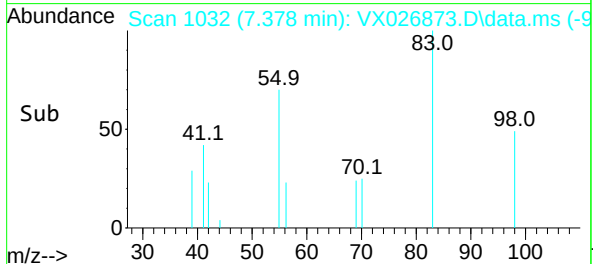
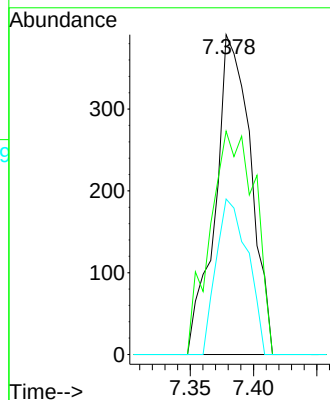
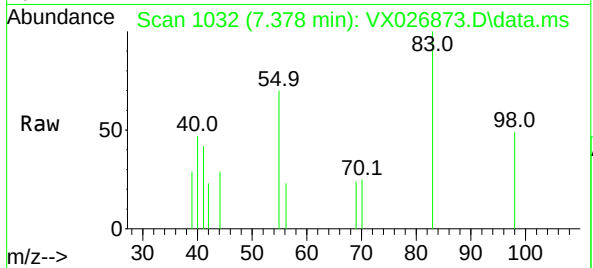
20722

Tgt Ion: 83	Resp: 760
Ion Ratio	Lower Upper
83 100	
55 69.8	63.6 95.4
98 48.6	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#40

Benzene

Concen: 0.840 ug/l

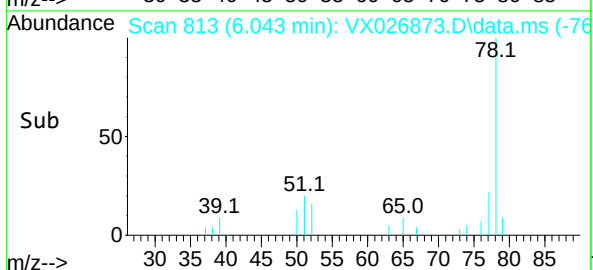
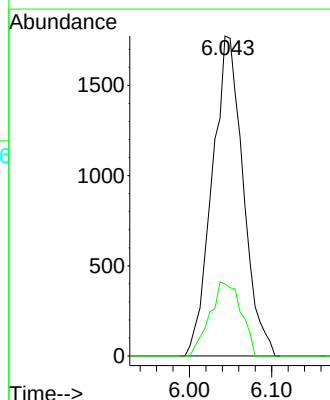
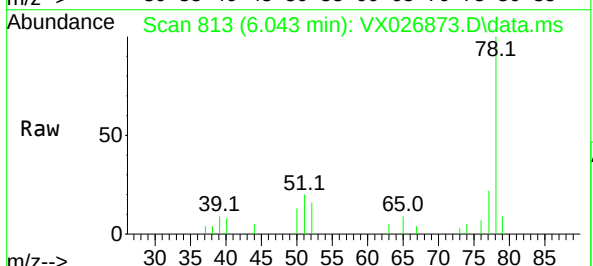
RT: 6.043 min Scan# 813

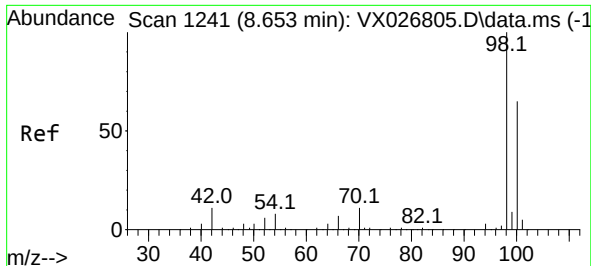
Delta R.T. -0.000 min

Lab File: VX026873.D

Acq: 09 Feb 2022 16:57

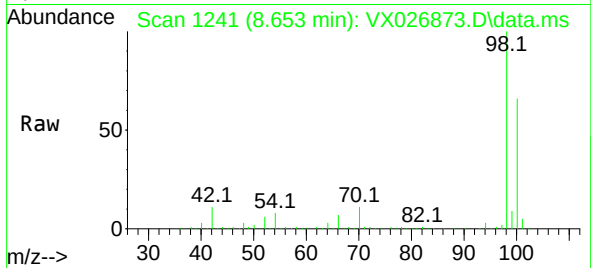
Tgt Ion: 78	Resp: 4633
Ion Ratio	Lower Upper
78 100	
77 22.5	18.9 28.3





#50
Toluene-d8
Concen: 53.945 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

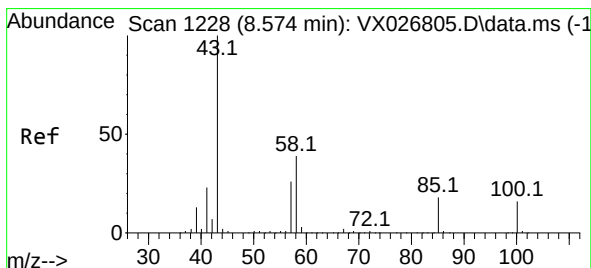
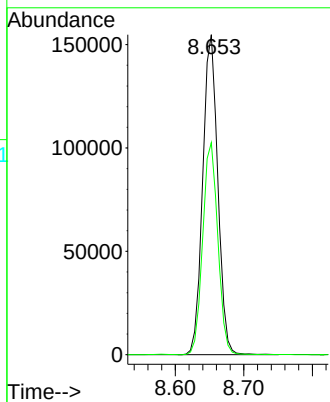
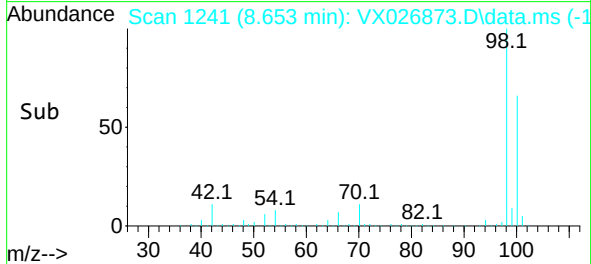
Instrument :
MSVOA_X
ClientSampleId :
20722



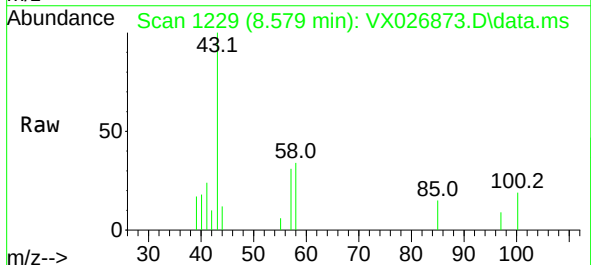
Tgt Ion: 98 Resp: 237472
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

Manual Integrations
APPROVED

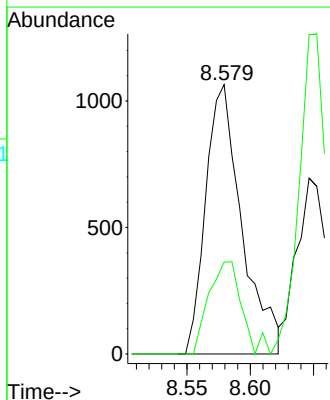
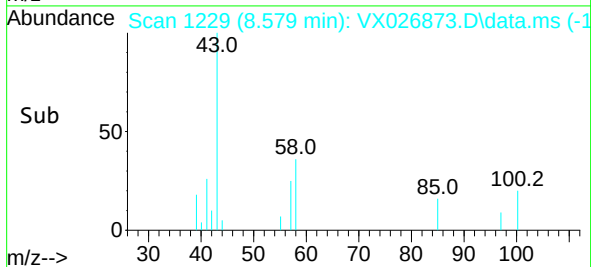
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

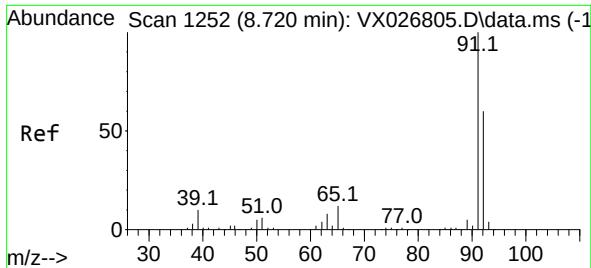


#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57



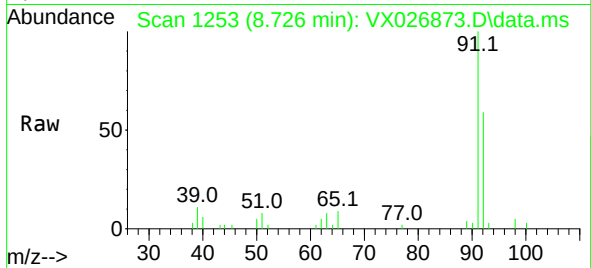
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 31.1 30.5 45.7





#52
Toluene
Concen: 1.114 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

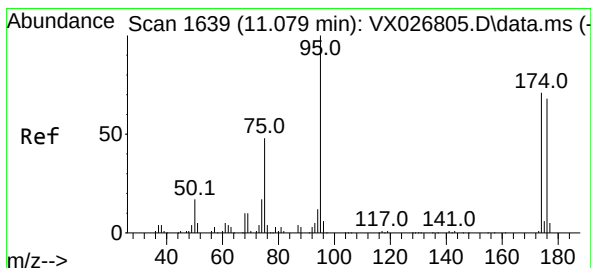
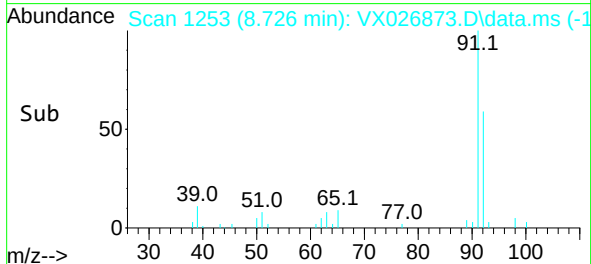
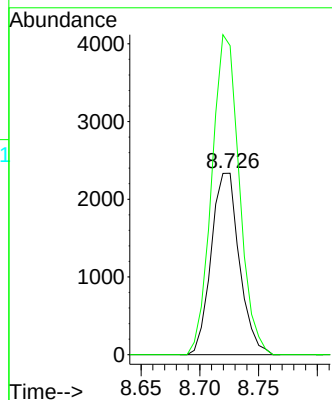
Instrument :
MSVOA_X
ClientSampleId :
20722



Tgt Ion: 92 Resp: 388
Ion Ratio Lower Upper
92 100
91 172.4 135.7 203.5

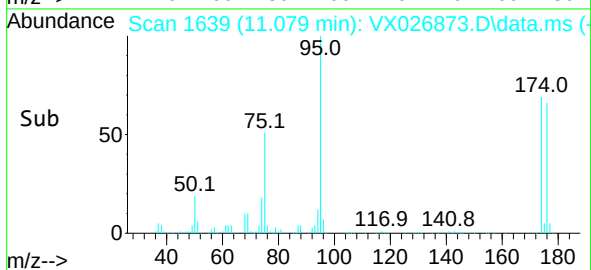
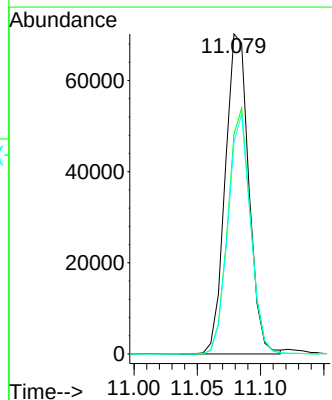
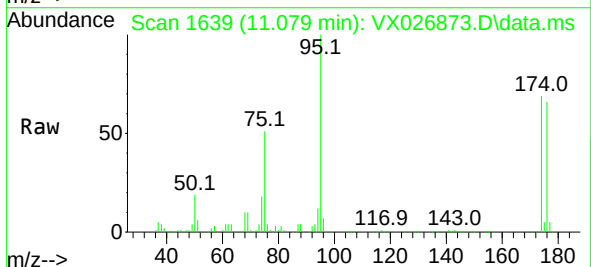
Manual Integrations
APPROVED

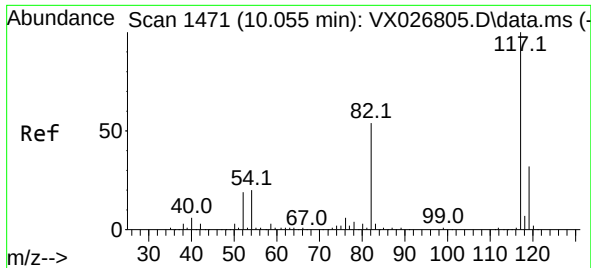
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#62
4-Bromofluorobenzene
Concen: 58.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

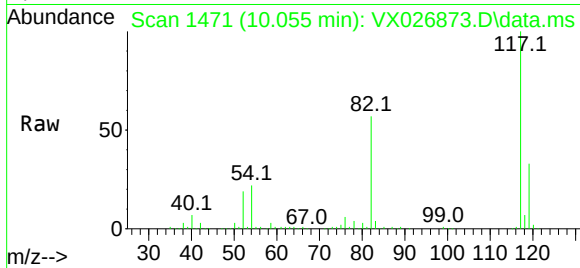
Tgt Ion: 95 Resp: 90673
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.6
176 72.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

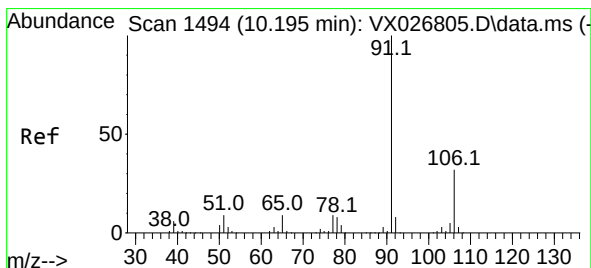
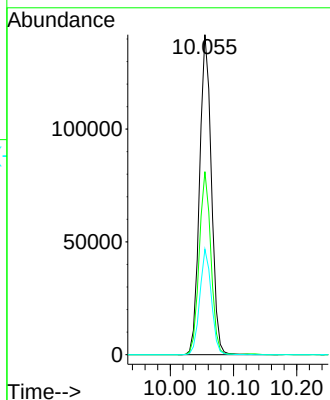
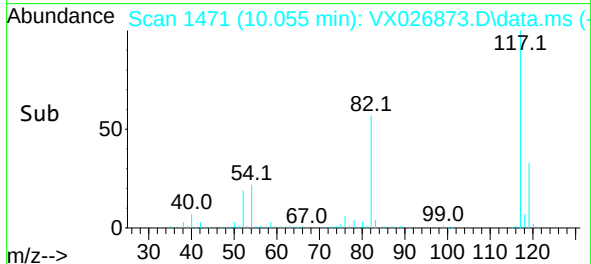
Instrument :
MSVOA_X
ClientSampleId :
20722



Tgt Ion:117 Resp: 184680
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.9 26.2 39.2

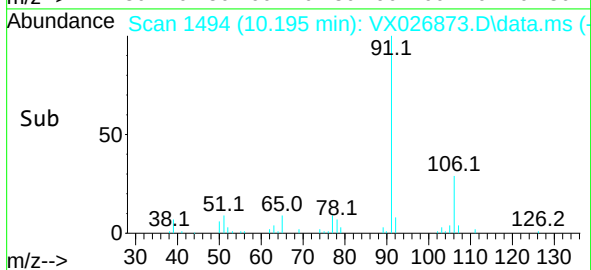
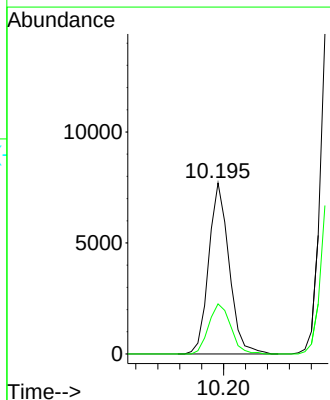
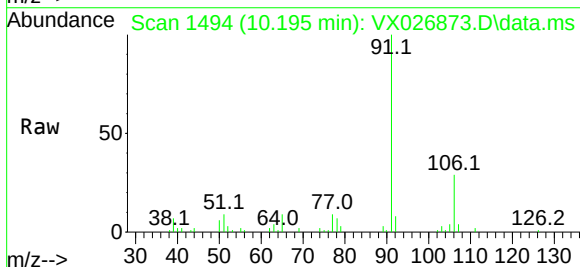
Manual Integrations
APPROVED

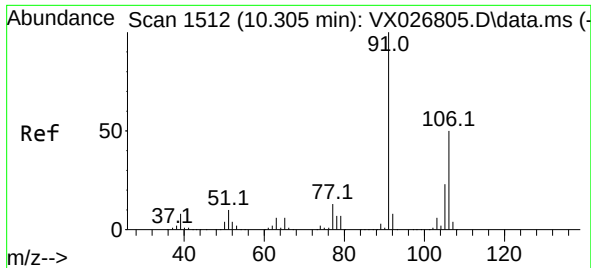
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#67
Ethyl Benzene
Concen: 1.471 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Tgt Ion: 91 Resp: 9942
Ion Ratio Lower Upper
91 100
106 29.2 24.7 37.1





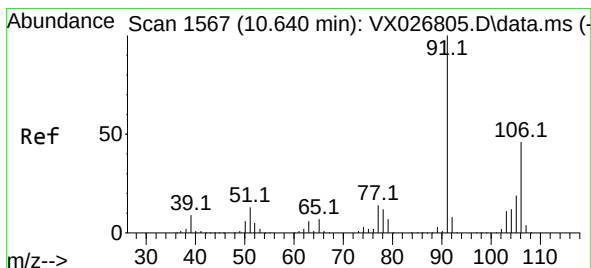
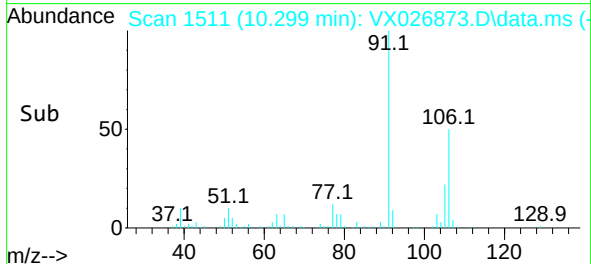
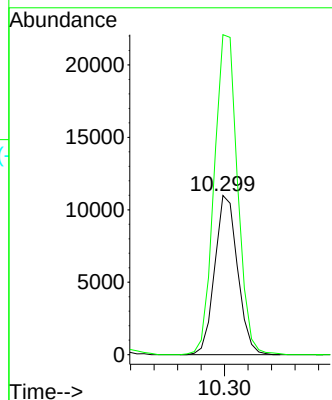
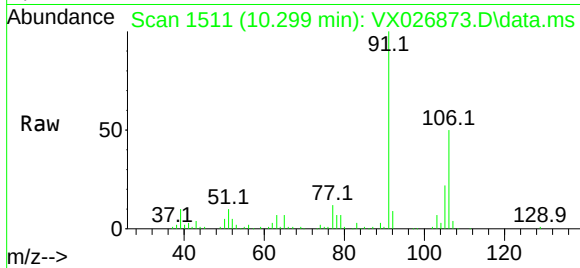
#68
m/p-Xylenes
Concen: 5.694 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
20722

Tgt Ion:106 Resp: 14810
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9

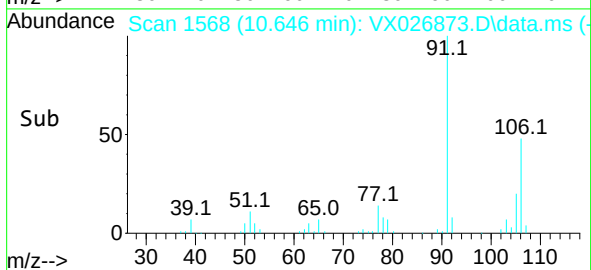
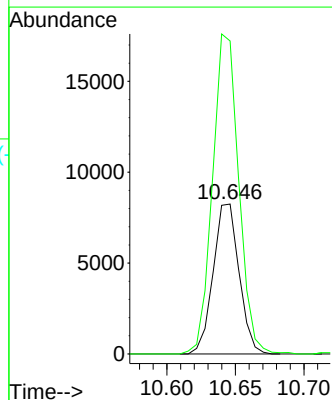
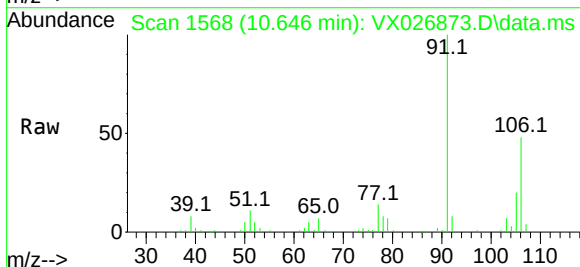
Manual Integrations
APPROVED

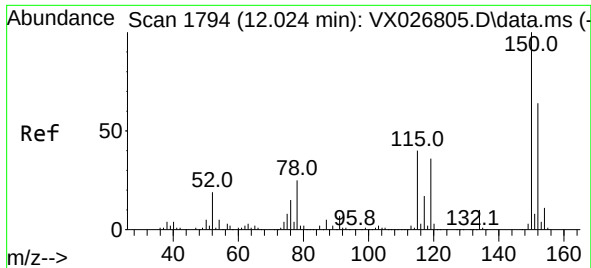
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022



#69
o-Xylene
Concen: 4.252 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

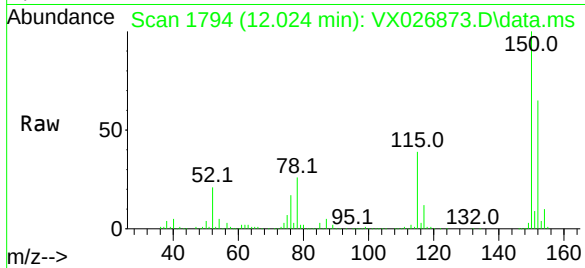
Tgt Ion:106 Resp: 10835
Ion Ratio Lower Upper
106 100
91 215.8 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
20722

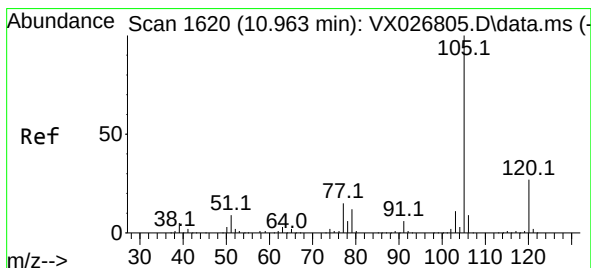
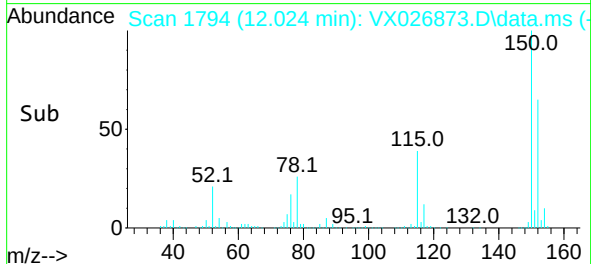
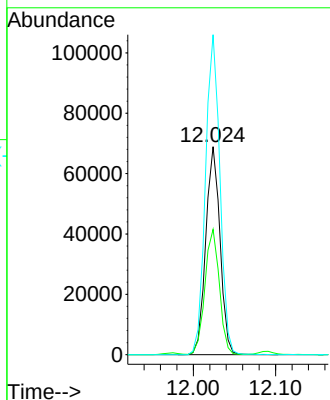


Tgt Ion:152 Resp: 8290
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 155.8 0.0 348.2

Manual Integrations
APPROVED

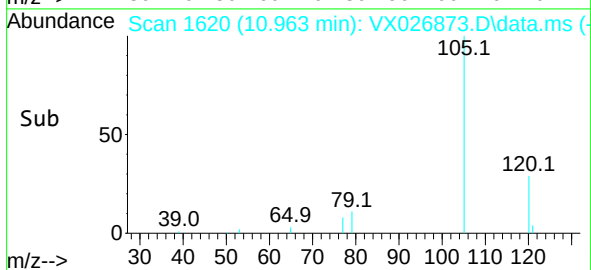
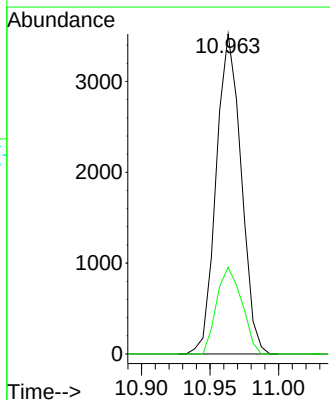
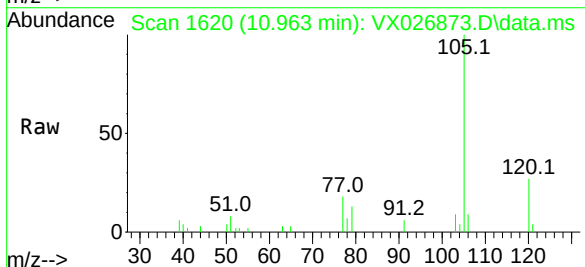
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

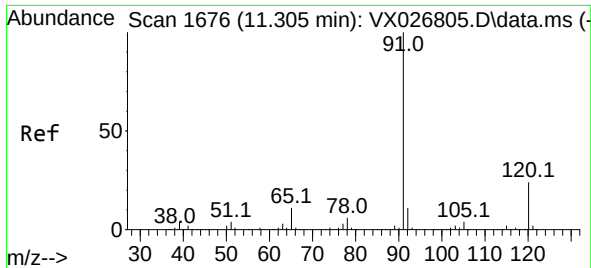
Dadoda 02/10/2022



#73
Isopropylbenzene
Concen: 0.682 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Tgt Ion:105 Resp: 4453
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1





#78
n-propylbenzene
Concen: 2.265 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

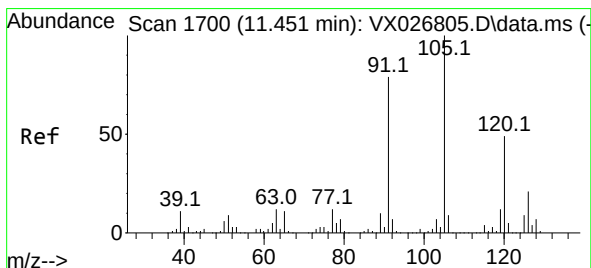
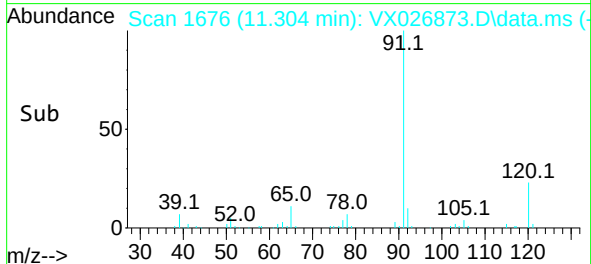
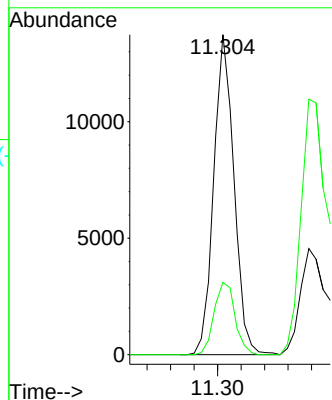
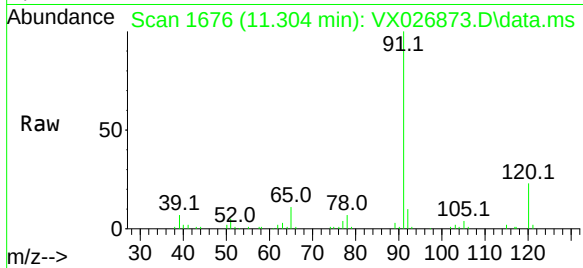
Instrument :
MSVOA_X
ClientSampleId :
20722

Tgt Ion: 91 Resp: 16398
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7

Manual Integrations
APPROVED

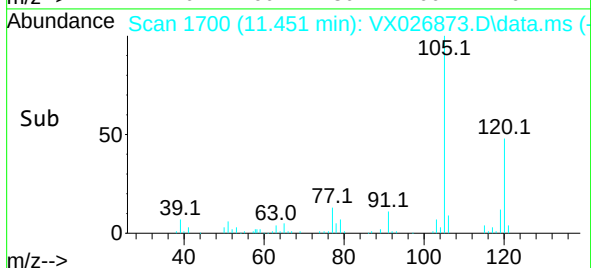
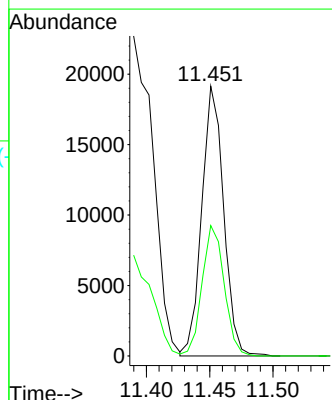
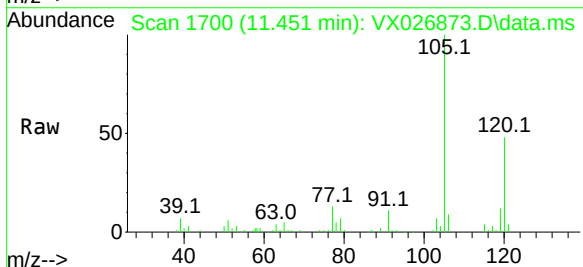
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

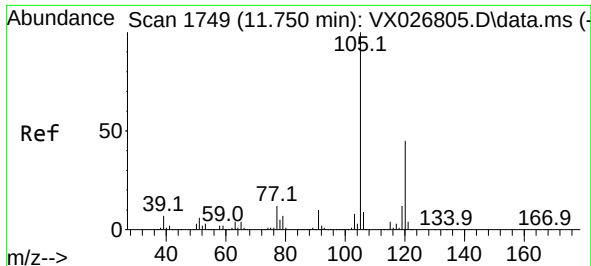
Dadoda 02/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.294 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

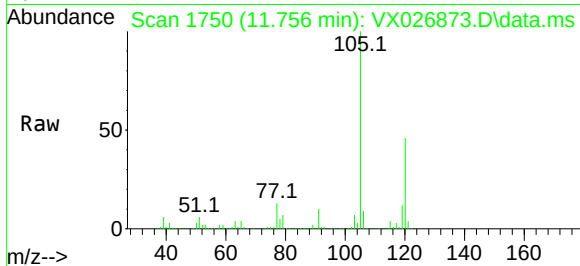
Tgt Ion:105 Resp: 23077
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 16.312 ug/l
RT: 11.756 min Scan# 11756
Delta R.T. 0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
20722

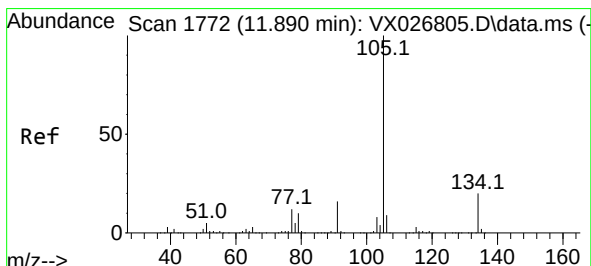
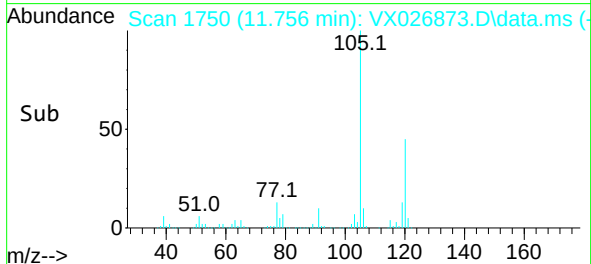
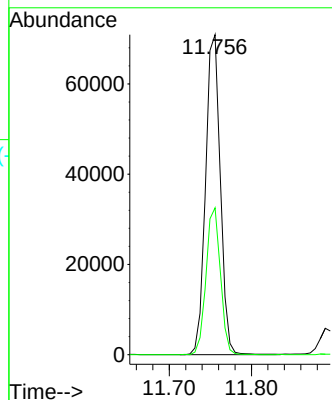


Tgt Ion:105 Resp: 88420
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.5

Manual Integrations
APPROVED

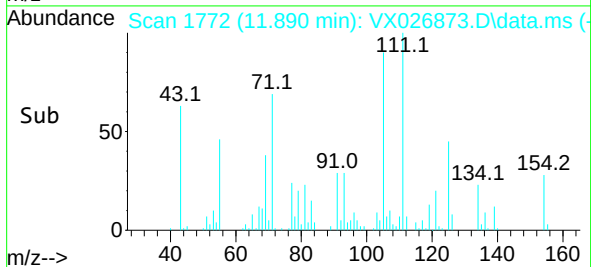
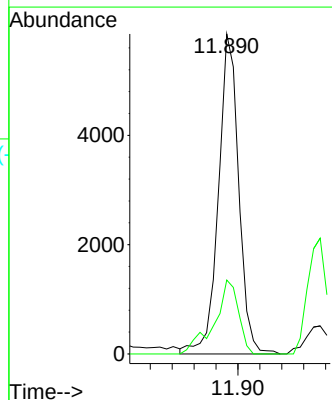
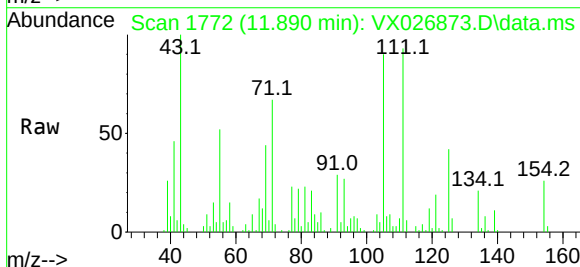
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

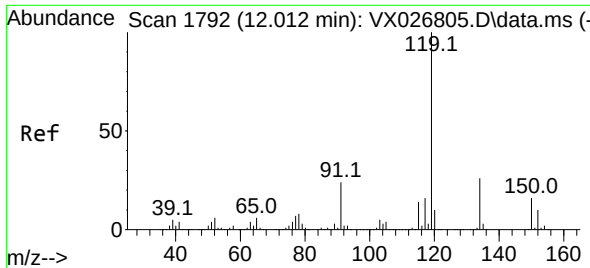
Dadoda 02/10/2022



#85
sec-Butylbenzene
Concen: 1.161 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

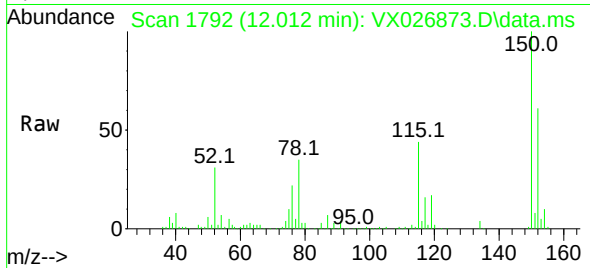
Tgt Ion:105 Resp: 7537
Ion Ratio Lower Upper
105 100
134 27.3 10.1 30.1





#86
p-Isopropyltoluene
Concen: 1.192 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Instrument : MSVOA_X
ClientSampleId : 20722

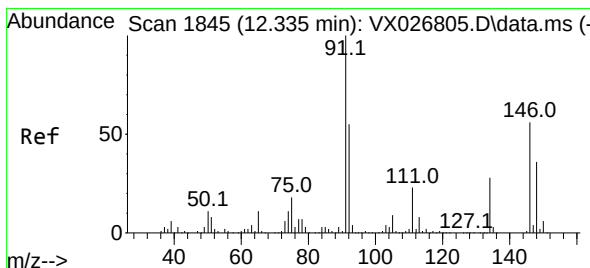
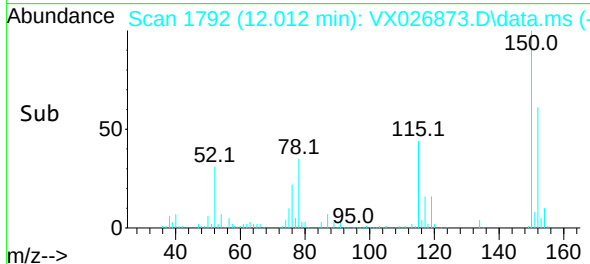
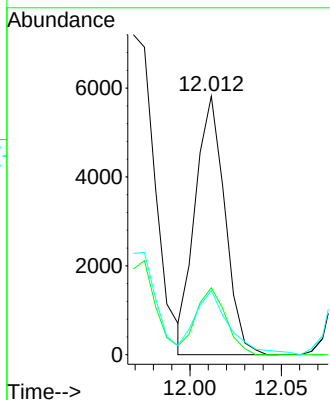


Tgt Ion: 119 Resp: 6559
Ion Ratio Lower Upper
119 100
134 26.3 13.0 39.0
91 28.8 12.6 37.6

Manual Integrations
APPROVED

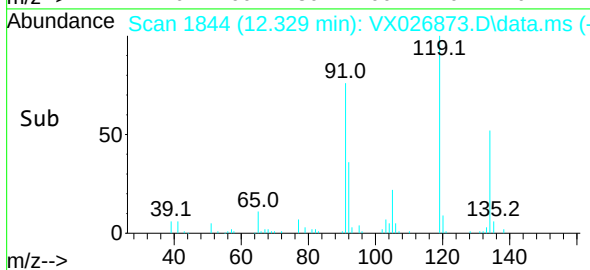
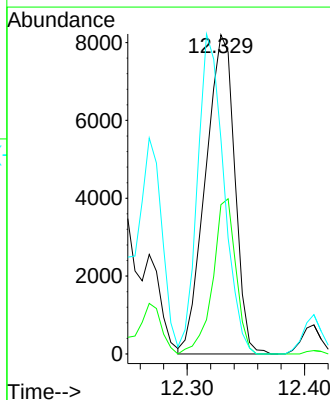
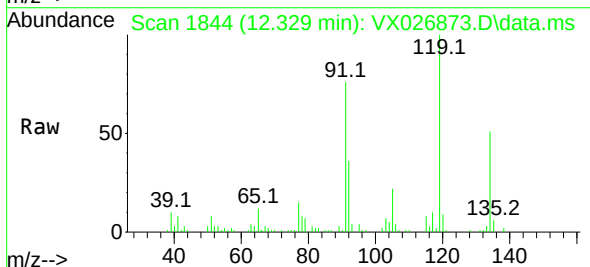
Reviewed By :Semsettin Yesilyurt 02/10/2022
Supervised By :Mahesh Dadoda 02/10/2022

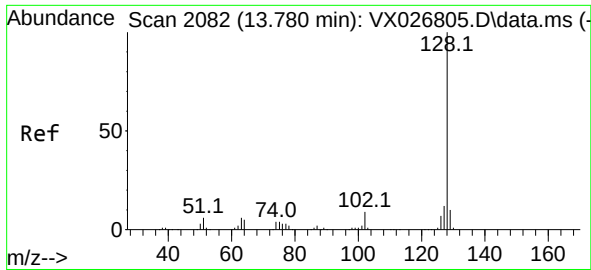
Dadoda 02/10/2022



#89
n-Butylbenzene
Concen: 3.157 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX026873.D
Acq: 09 Feb 2022 16:57

Tgt Ion: 91 Resp: 14210
Ion Ratio Lower Upper
91 100
92 38.3 27.2 81.6
134 89.7 13.1 39.1#





#95

Naphthalene

Concen: 3.133 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX026873.D

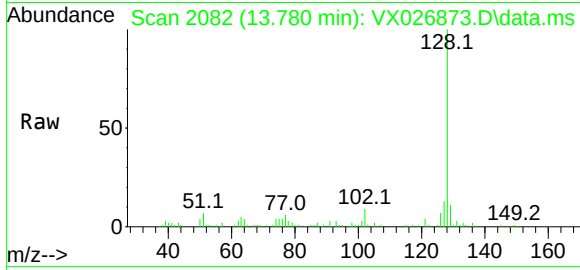
Acq: 09 Feb 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

20722



Tgt Ion:128 Resp: 19008

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 14.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022

Supervised By :Mahesh Dadoda 02/10/2022

Dadoda 02/10/2022

