

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028857.D
 Acq On : 20 May 2022 17:43
 Operator : JC/MD
 Sample : N2943-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

Quant Time: May 20 23:31:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	241084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	424026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165483	50.075	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.160%			
35) Dibromofluoromethane	5.391	113	135427	48.747	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.500%			
50) Toluene-d8	8.653	98	502061	47.933	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.860%			
62) 4-Bromofluorobenzene	11.085	95	228302	58.357	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	178863	255.200	ug/l	99
16) Acetone	2.379	43	4295	3.028	ug/l	98
17) Carbon Disulfide	2.520	76	5379	0.832	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	191141	21.587	ug/l	98
22) Diisopropyl ether	3.763	45	30876	3.610	ug/l #	89
31) Cyclohexane	5.470	56	16637	3.627	ug/l	97
39) Methylcyclohexane	7.385	83	3864m	0.807	ug/l	
40) Benzene	6.043	78	1625945	135.581	ug/l	100
52) Toluene	8.726	92	4229	0.548	ug/l	99
67) Ethyl Benzene	10.195	91	116494	7.157	ug/l	100
68) m/p-Xylenes	10.305	106	7950	1.254	ug/l	94
69) o-Xylene	10.646	106	1495	0.240	ug/l	97
73) Isopropylbenzene	10.963	105	40952	3.167	ug/l	97
78) n-propylbenzene	11.305	91	36746	2.457	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3214	0.298	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	16119	1.492	ug/l	99
85) sec-Butylbenzene	11.890	105	5560	0.432	ug/l #	56
89) n-Butylbenzene	12.335	91	2914	0.311	ug/l #	45
95) Naphthalene	13.780	128	26647	2.199	ug/l	97

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

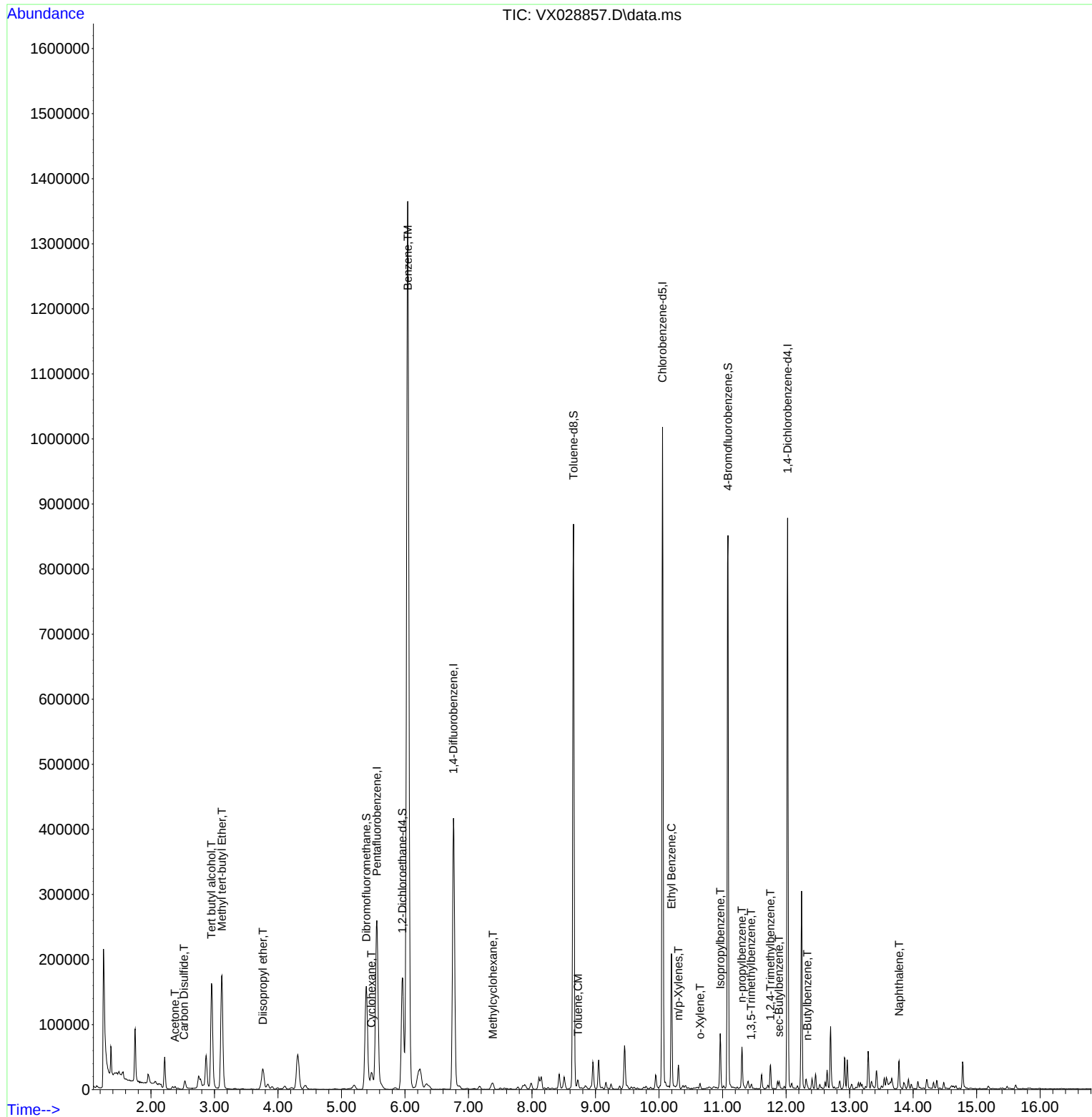
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
Data File : VX028857.D
Acq On : 20 May 2022 17:43
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

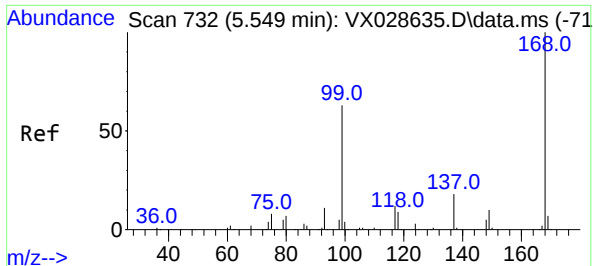
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ClientSampleId :
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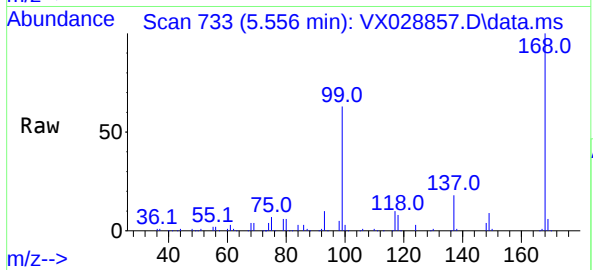
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

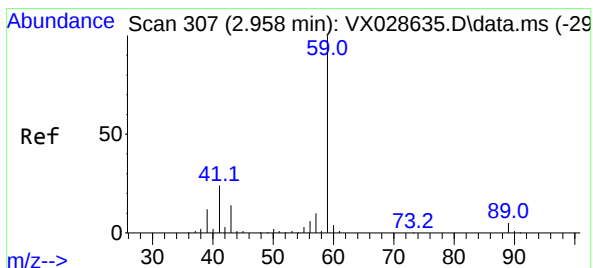
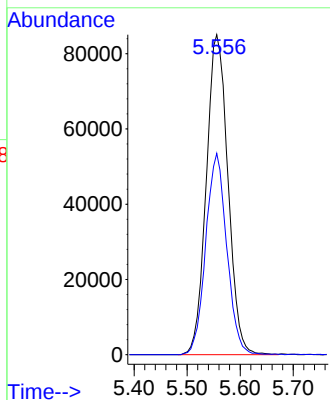
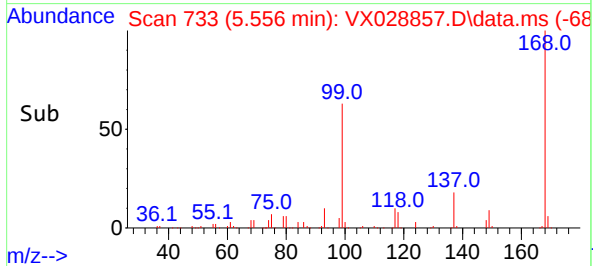
Instrument :
MSVOA_X
ClientSampleId :
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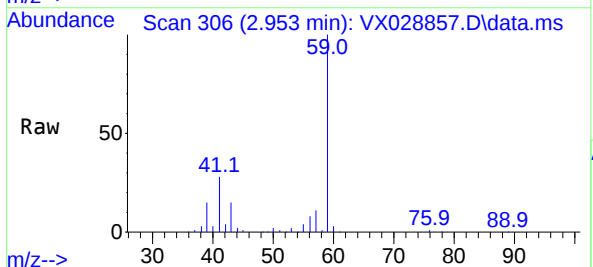
Tgt Ion:168 Resp: 241084
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5

Manual Integrations
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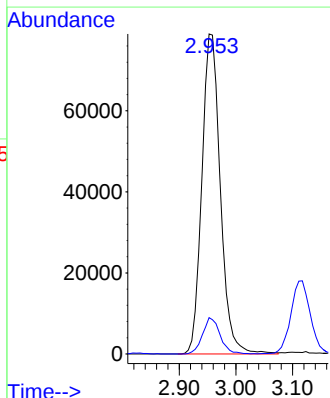
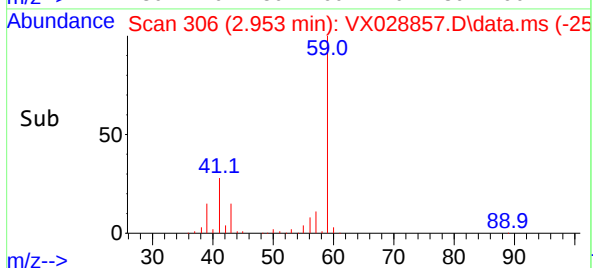
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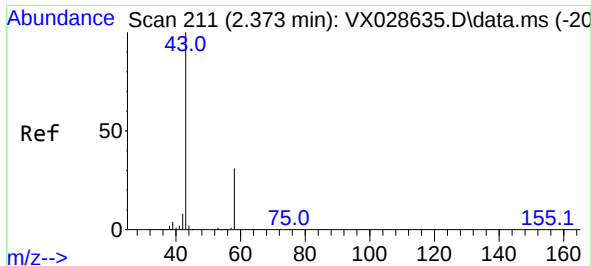


#11
Tert butyl alcohol
Concen: 255.200 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



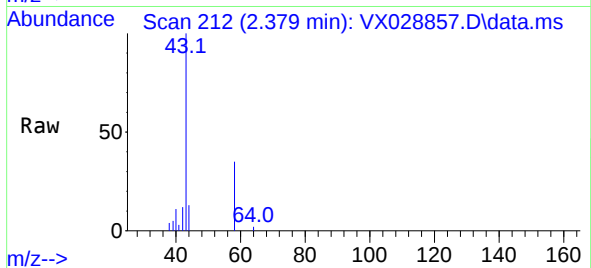
Tgt Ion: 59 Resp: 178863
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5





#16
Acetone
Concen: 3.028 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

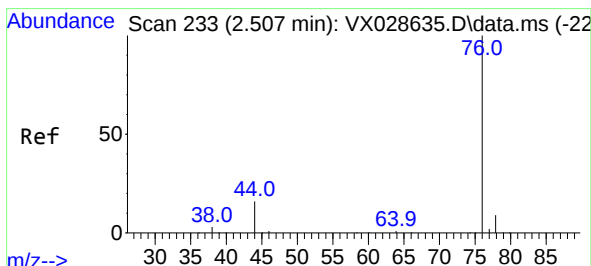
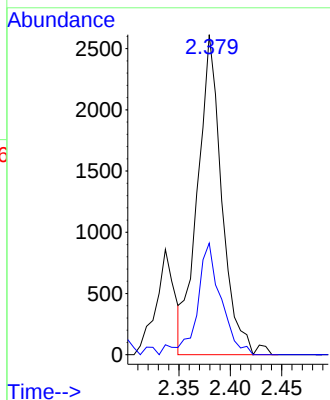
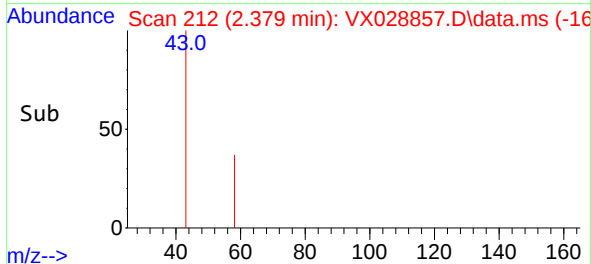
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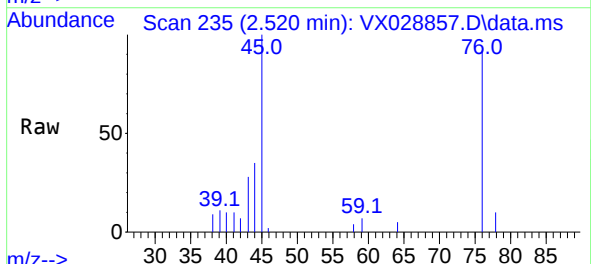
Tgt Ion: 43 Resp: 4298
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2

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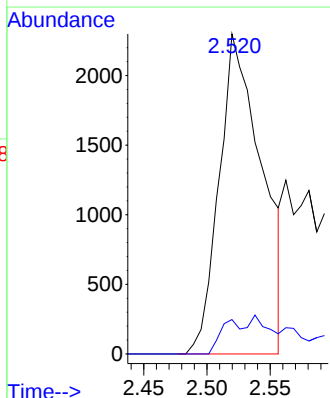
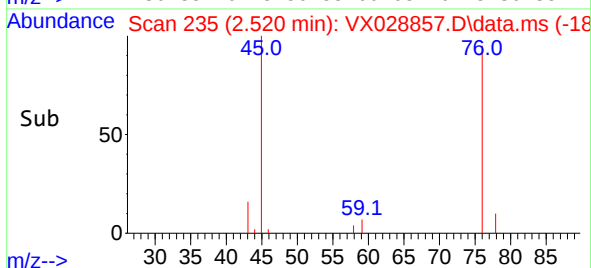
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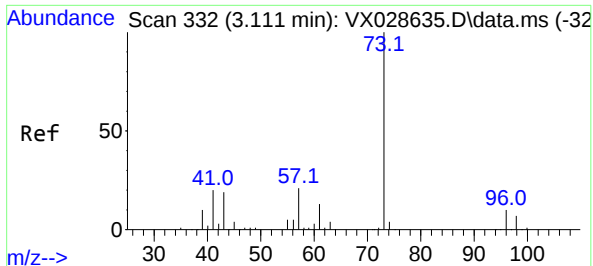


#17
Carbon Disulfide
Concen: 0.832 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



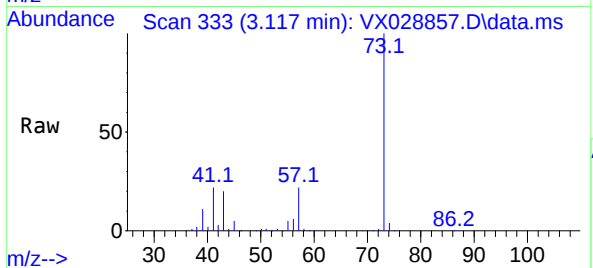
Tgt Ion: 76 Resp: 5379
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8





#19
Methyl tert-butyl Ether
Concen: 21.587 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

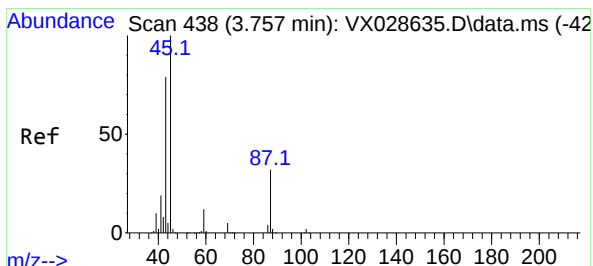
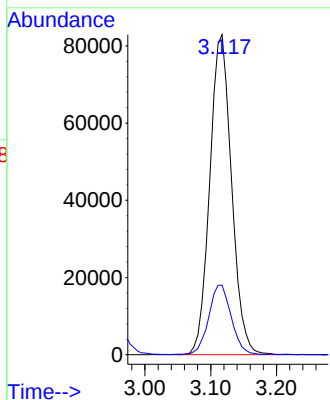
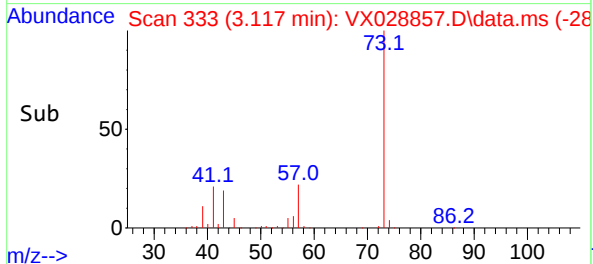
Instrument :
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ClientSampleId :
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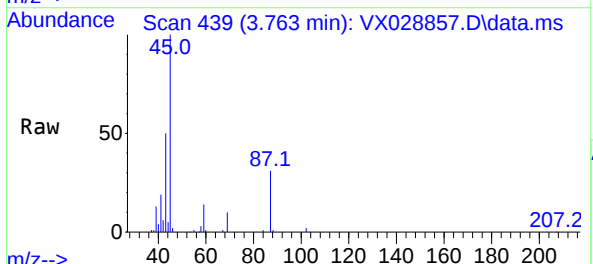
Tgt Ion: 73 Resp: 19114
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

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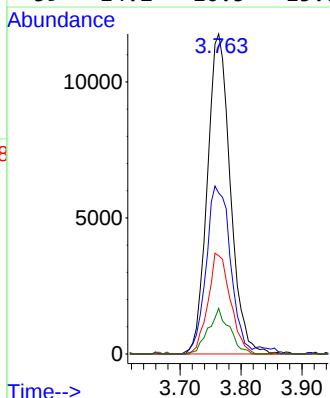
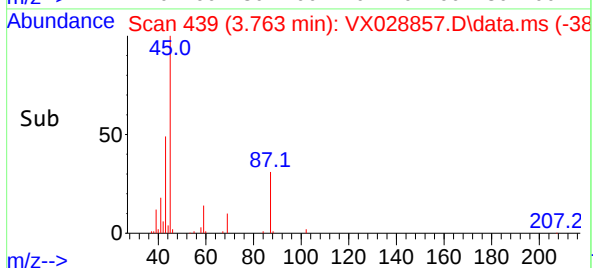
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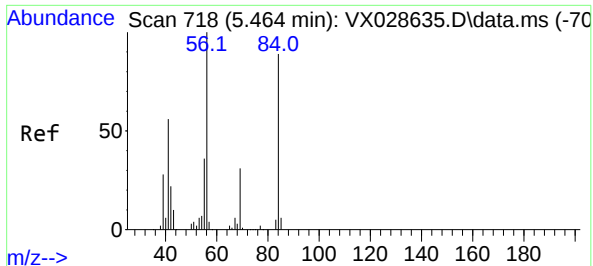


#22
Diisopropyl ether
Concen: 3.610 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



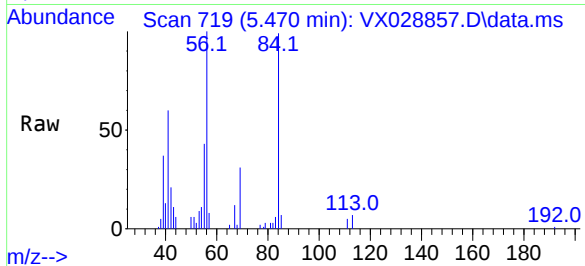
Tgt Ion: 45 Resp: 30876
Ion Ratio Lower Upper
45 100
43 50.3 50.8 76.2#
87 30.7 26.6 39.8
59 14.2 10.5 15.7





#31
Cyclohexane
Concen: 3.627 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

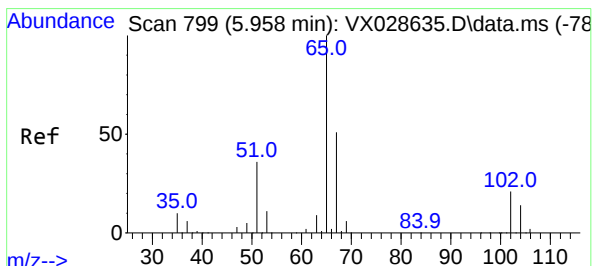
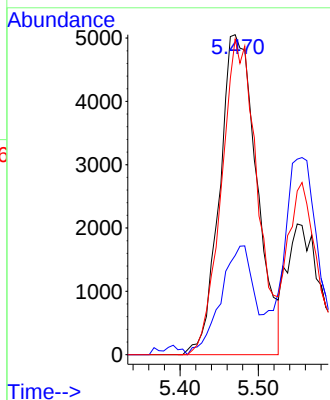
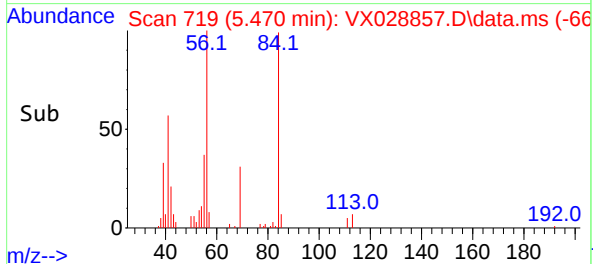
Instrument :
MSVOA_X
ClientSampleId :
MW-34



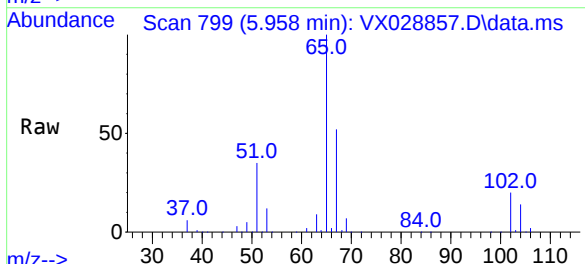
Tgt Ion: 56 Resp: 1663
Ion Ratio Lower Upper
56 100
69 29.5 26.7 40.1
84 98.6 77.2 115.8

Manual Integrations
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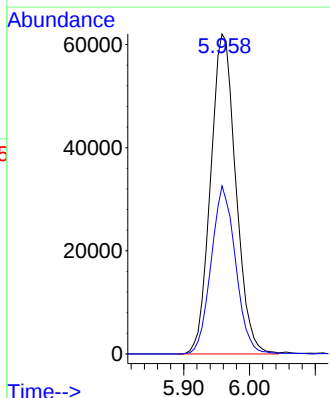
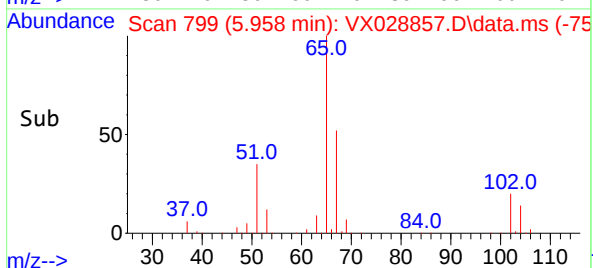
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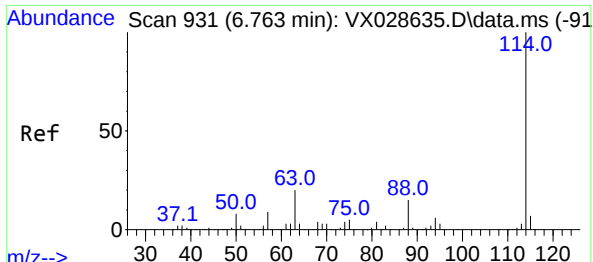


#33
1,2-Dichloroethane-d4
Concen: 50.075 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



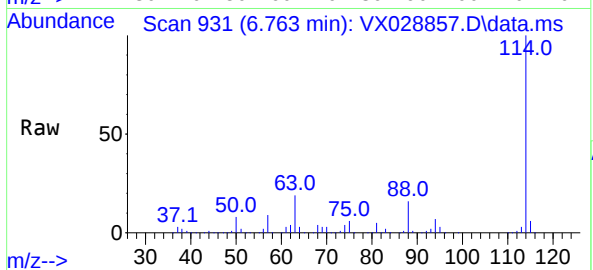
Tgt Ion: 65 Resp: 165483
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

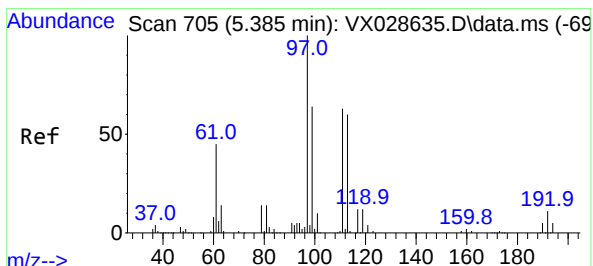
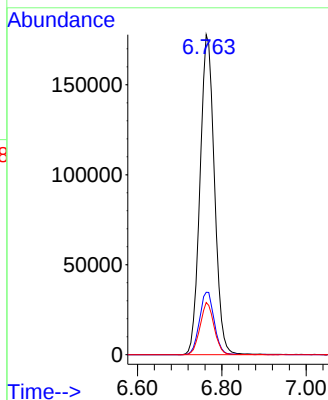
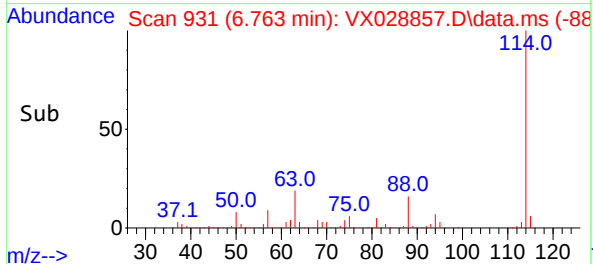
Instrument :
MSVOA_X
ClientSampleId :
MW-34



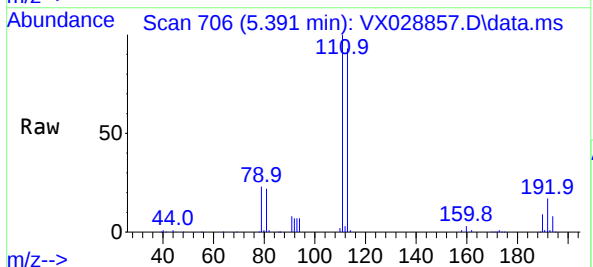
Tgt Ion:114 Resp: 424020
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.3 0.0 32.4

Manual Integrations
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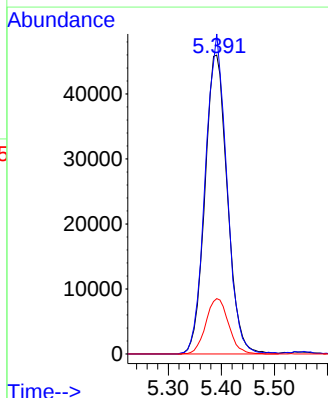
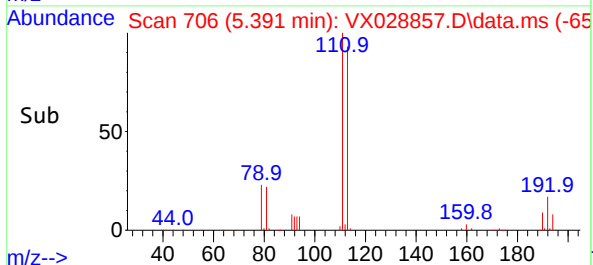
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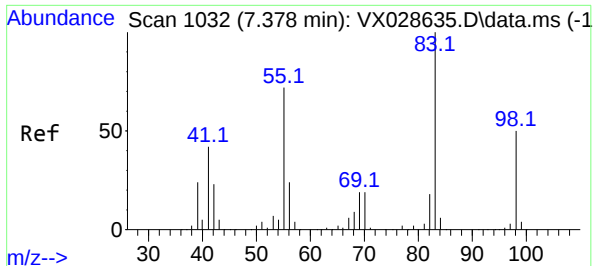


#35
Dibromofluoromethane
Concen: 48.747 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



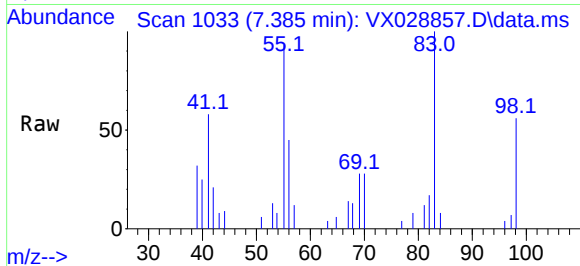
Tgt Ion:113 Resp: 135427
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.7 16.9 25.3





#39
Methylcyclohexane
Concen: 0.807 ug/l m
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

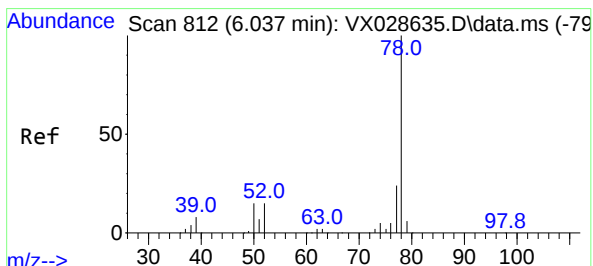
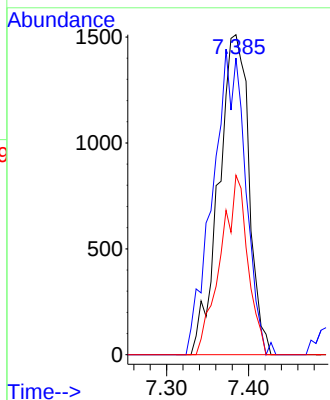
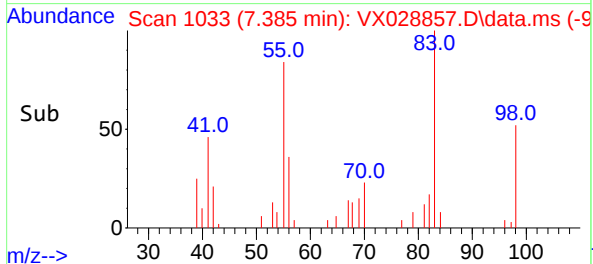
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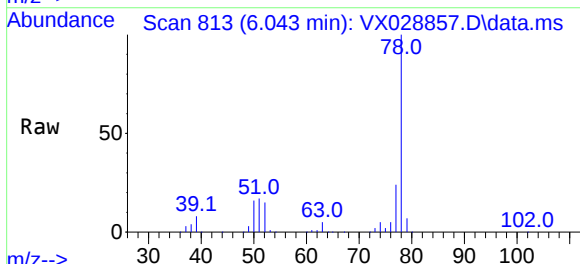
Tgt Ion: 83 Resp: 3864
Ion Ratio Lower Upper
83 100
55 92.7 54.6 81.8
98 56.1 37.4 56.2

Manual Integrations
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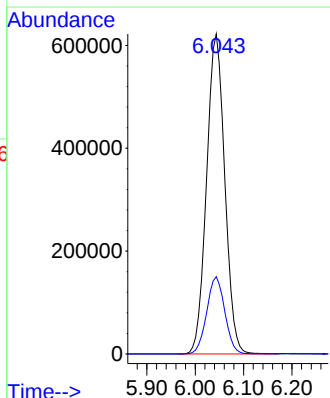
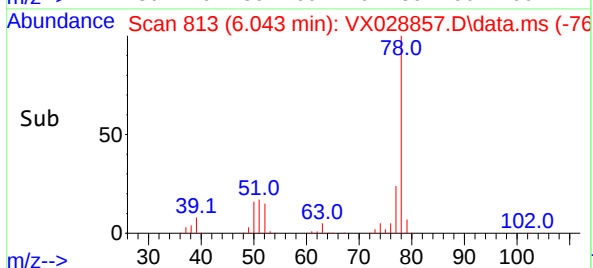
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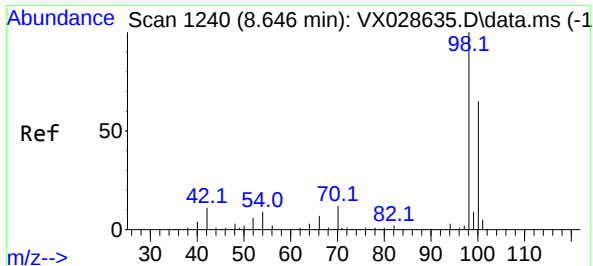


#40
Benzene
Concen: 135.581 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



Tgt Ion: 78 Resp: 1625945
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





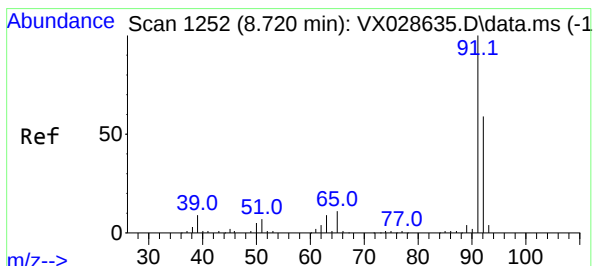
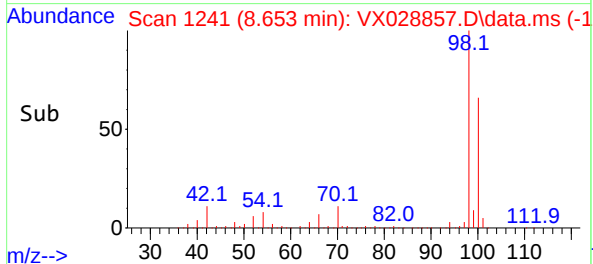
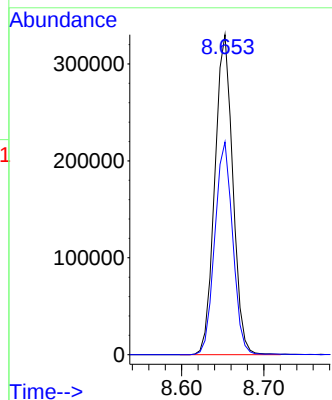
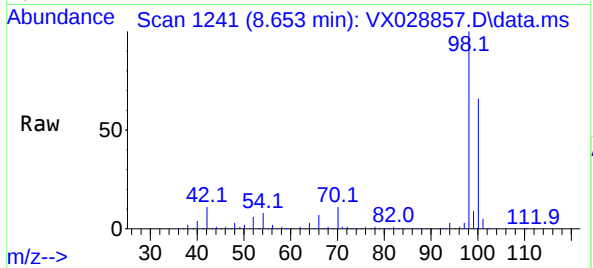
#50
Toluene-d8
Concen: 47.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

Instrument :
MSVOA_X
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Tgt Ion: 98 Resp: 50206
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

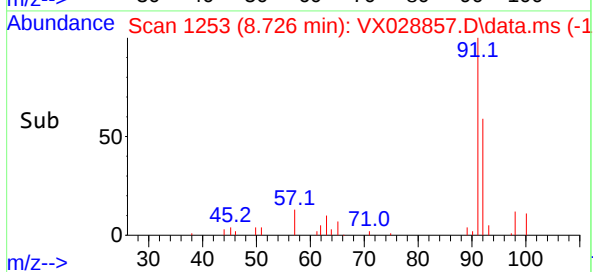
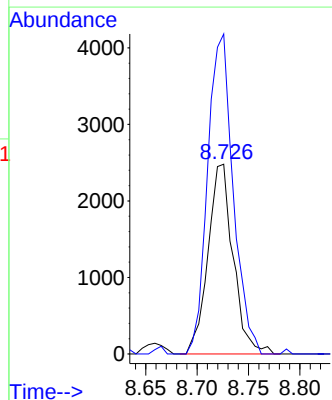
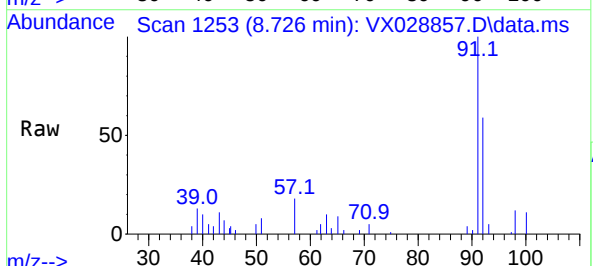
Manual Integrations
APPROVED

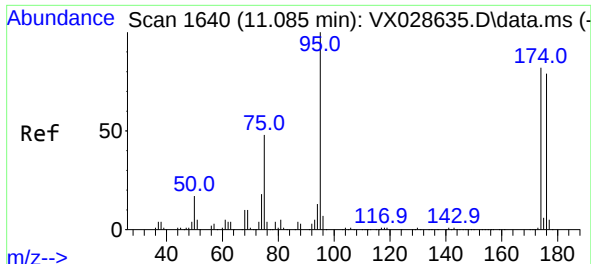
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#52
Toluene
Concen: 0.548 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

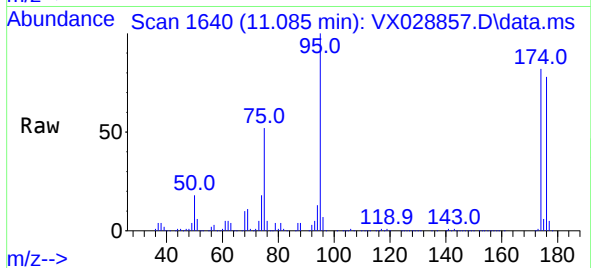
Tgt Ion: 92 Resp: 4229
Ion Ratio Lower Upper
92 100
91 171.2 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 58.357 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

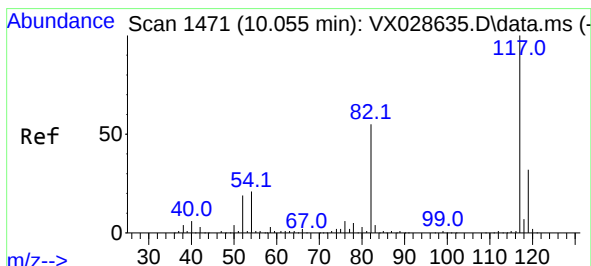
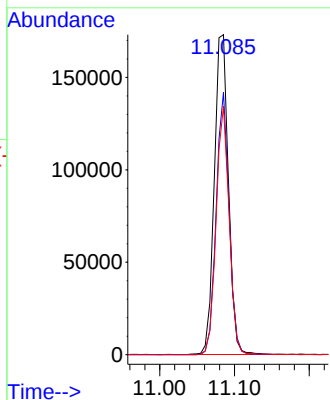
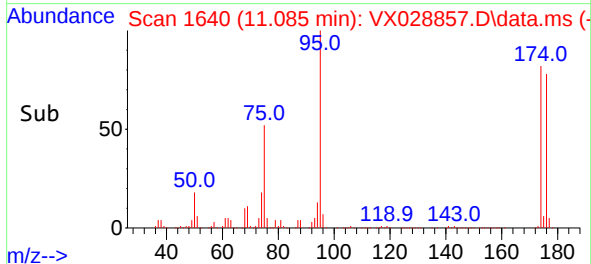
Instrument :
MSVOA_X
ClientSampleId :
MW-34



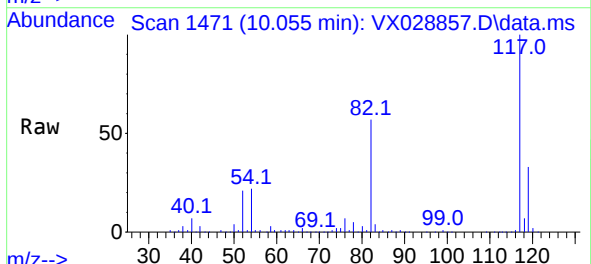
Tgt Ion: 95 Resp: 228302
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 71.7 0.0 155.0

Manual Integrations
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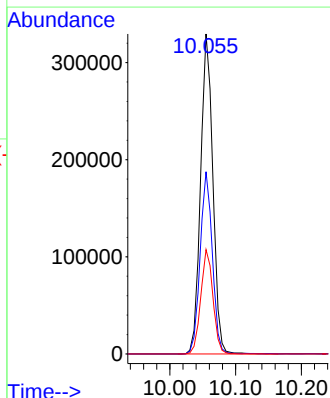
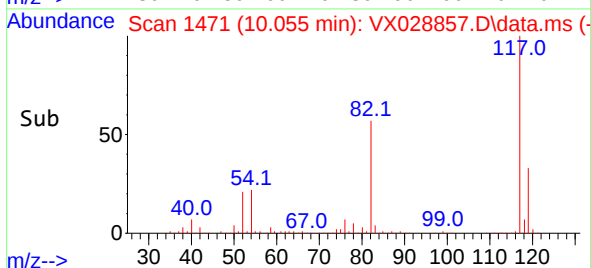
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

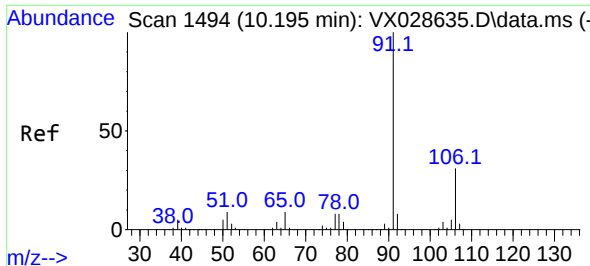


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



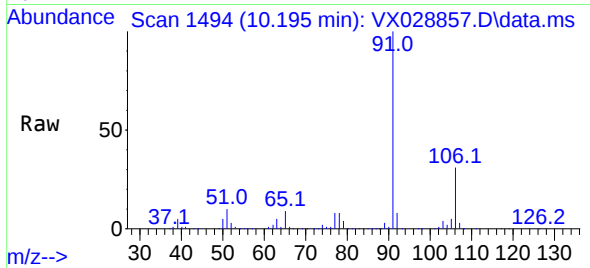
Tgt Ion:117 Resp: 428090
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 32.6 24.8 37.2





#67
Ethyl Benzene
Concen: 7.157 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

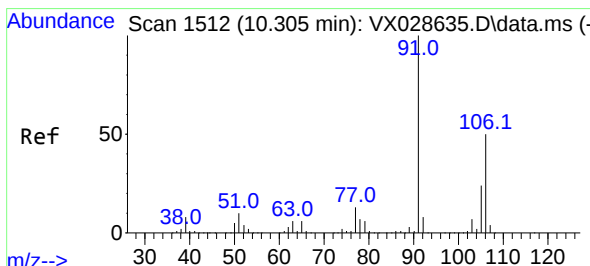
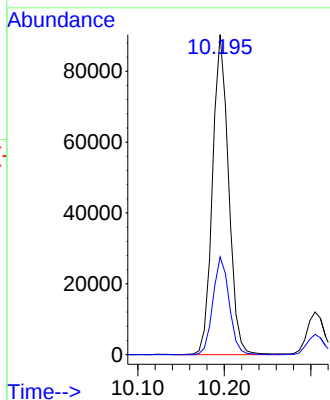
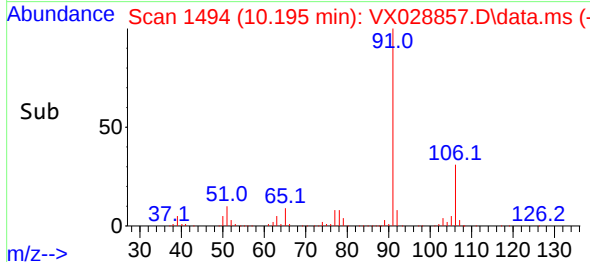
Instrument :
MSVOA_X
ClientSampleId :
MW-34



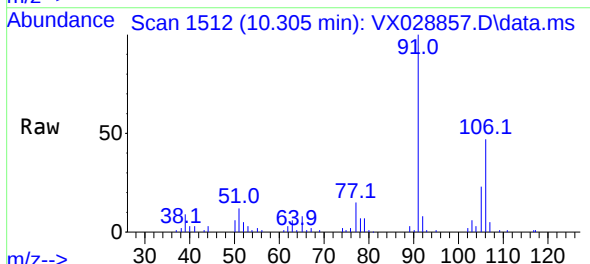
Tgt Ion: 91 Resp: 116494
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

Manual Integrations
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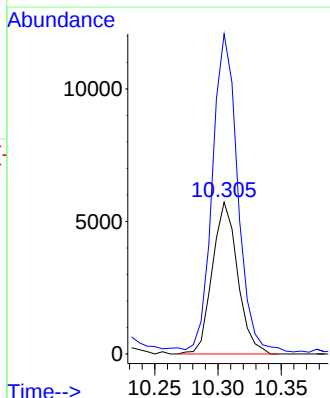
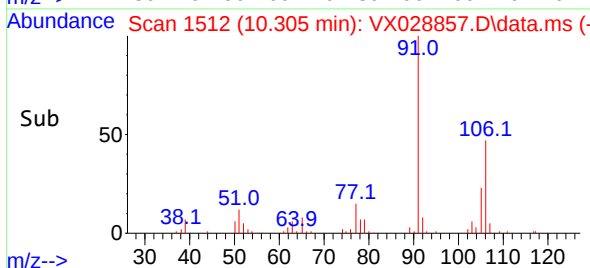
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

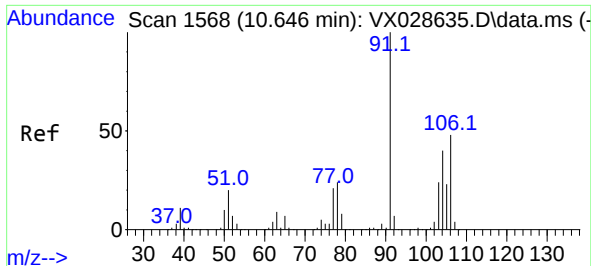


#68
m/p-Xylenes
Concen: 1.254 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



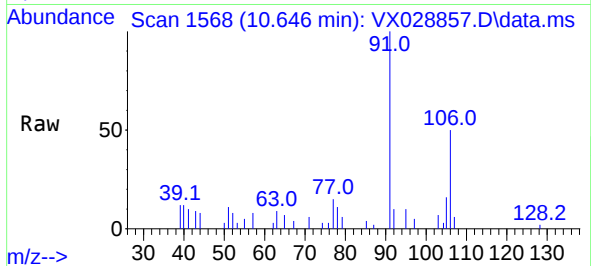
Tgt Ion:106 Resp: 7950
Ion Ratio Lower Upper
106 100
91 209.8 160.4 240.6





#69
o-Xylene
Concen: 0.240 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

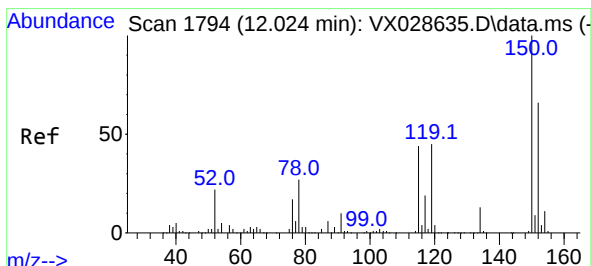
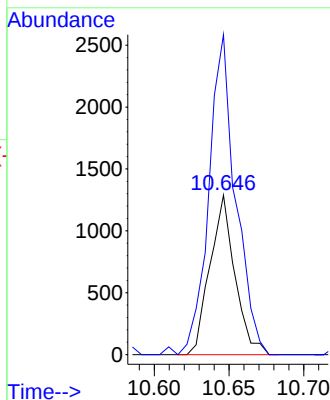
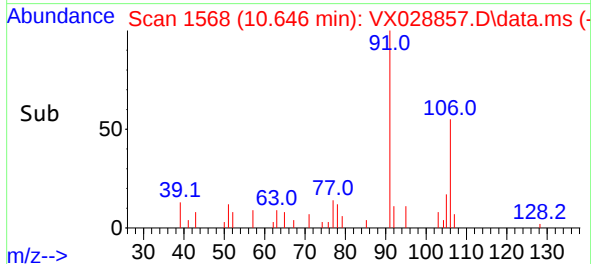
Instrument :
MSVOA_X
ClientSampleId :
MW-34



Tgt Ion:106 Resp: 1498
Ion Ratio Lower Upper
106 100
91 216.9 106.1 318.1

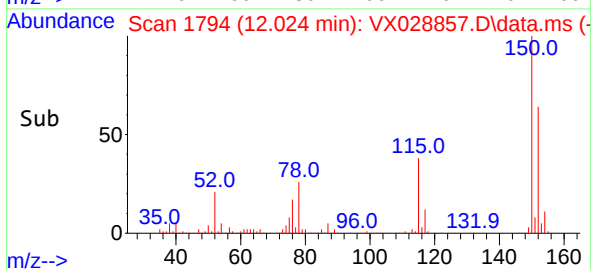
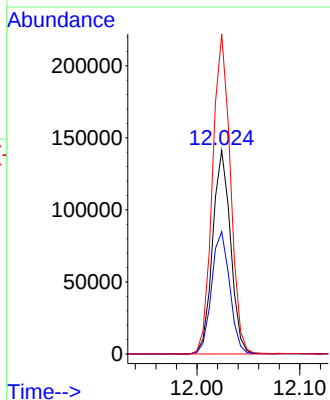
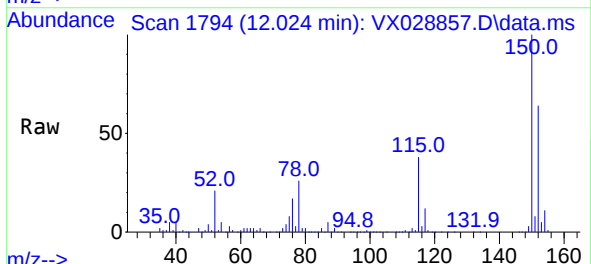
Manual Integrations
APPROVED

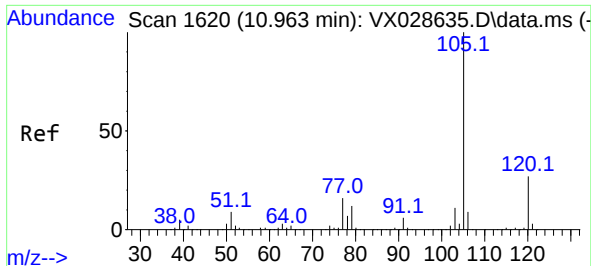
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

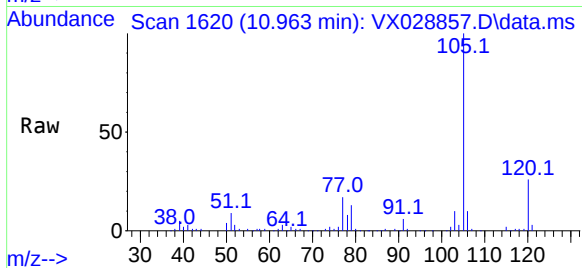
Tgt Ion:152 Resp: 170517
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 157.2 0.0 338.2





#73
Isopropylbenzene
Concen: 3.167 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

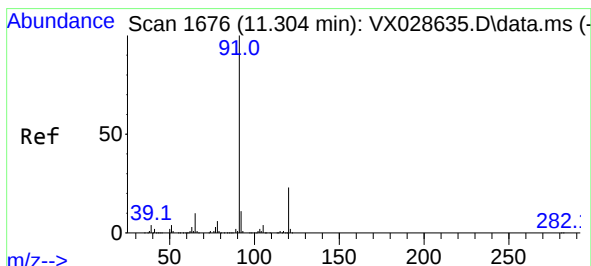
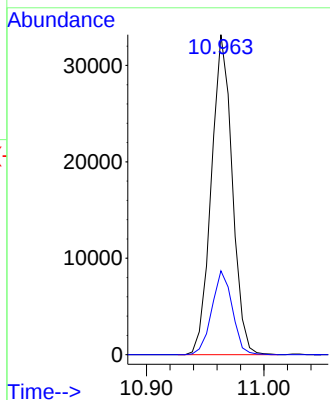
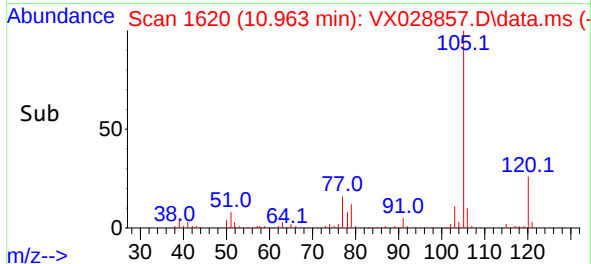
Instrument :
MSVOA_X
ClientSampleId :
MW-34



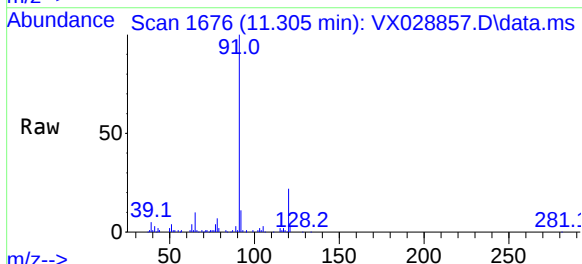
Tgt Ion:105 Resp: 40952
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5

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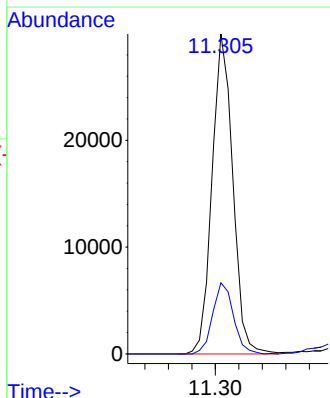
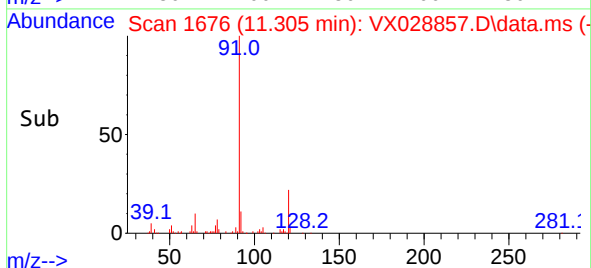
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

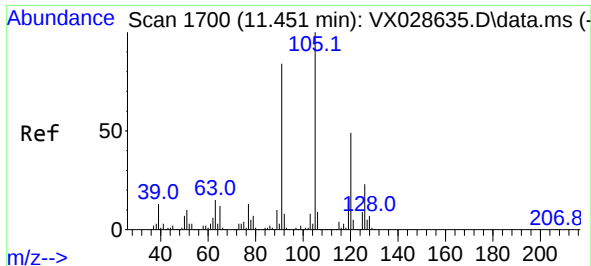


#78
n-propylbenzene
Concen: 2.457 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



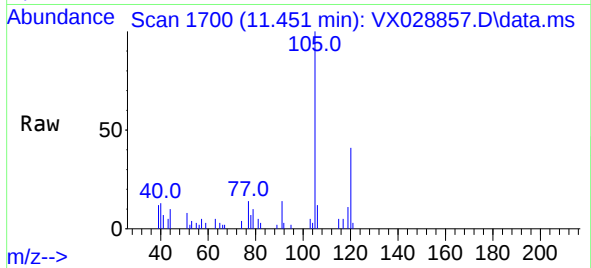
Tgt Ion: 91 Resp: 36746
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

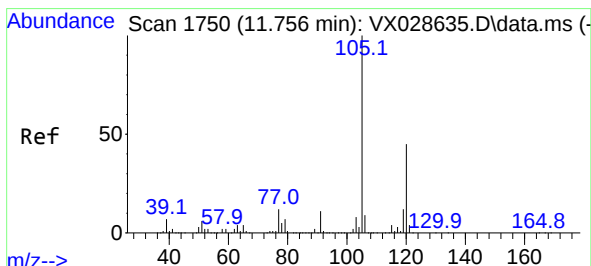
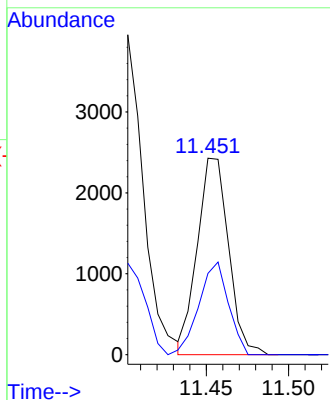
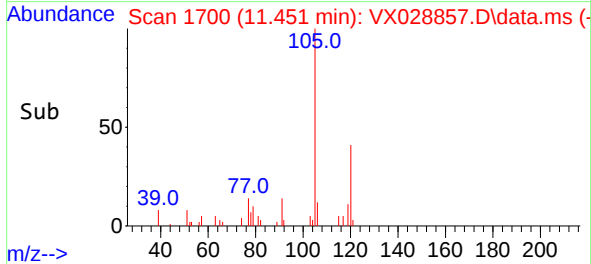
Instrument :
MSVOA_X
ClientSampleId :
MW-34



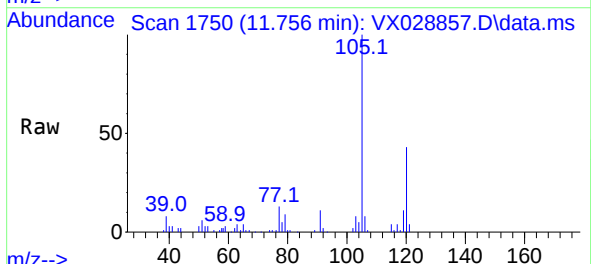
Tgt Ion:105 Resp: 3214
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9

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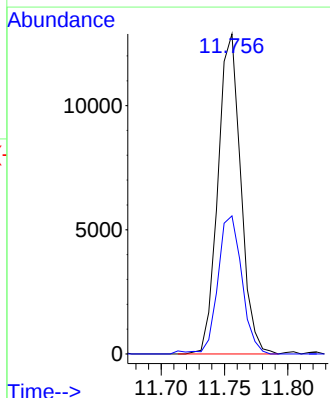
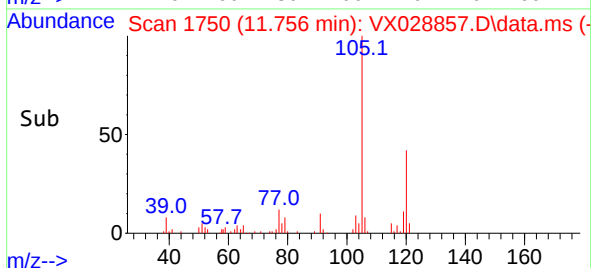
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

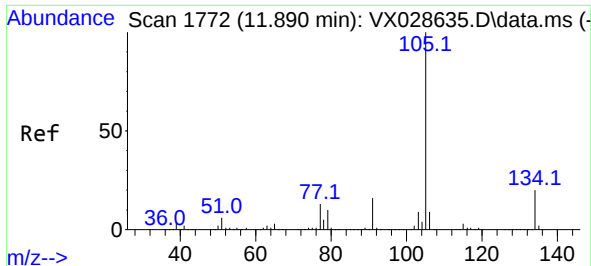


#84
1,2,4-Trimethylbenzene
Concen: 1.492 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



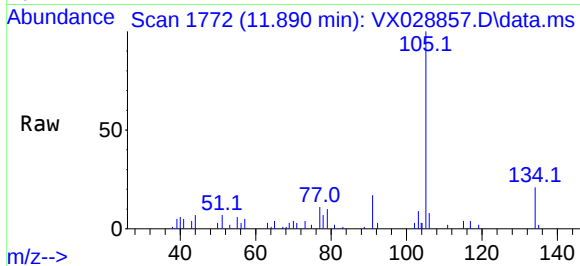
Tgt Ion:105 Resp: 16119
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.432 ug/l
RT: 11.890 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

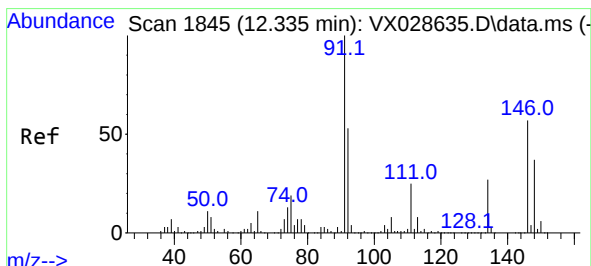
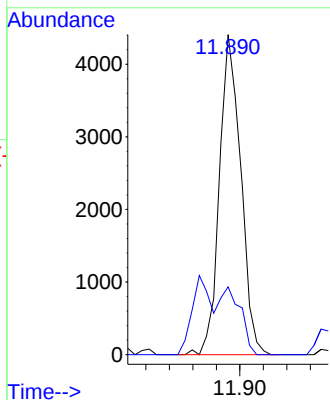
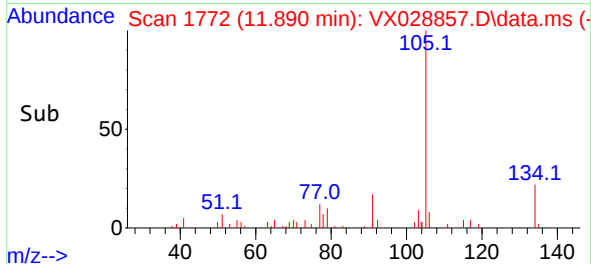
Instrument :
MSVOA_X
ClientSampleId :
MW-34



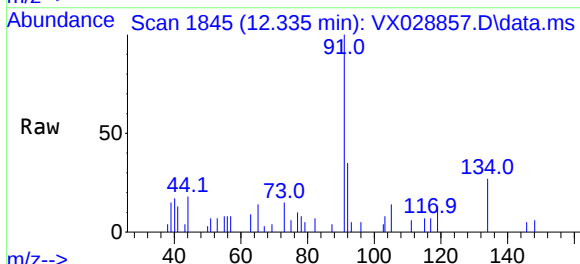
Tgt Ion:105 Resp: 5560
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4

Manual Integrations
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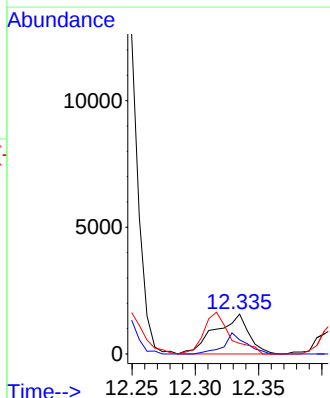
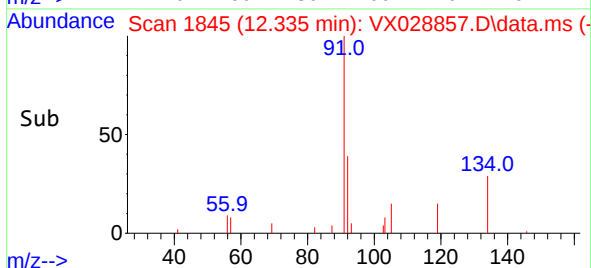
Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

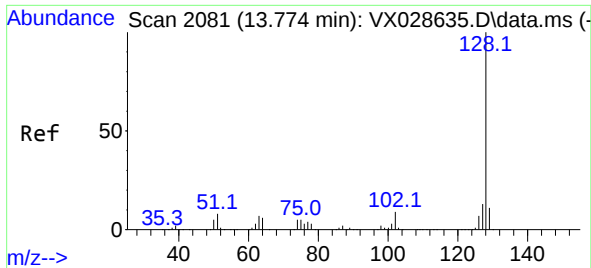


#89
n-Butylbenzene
Concen: 0.311 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43



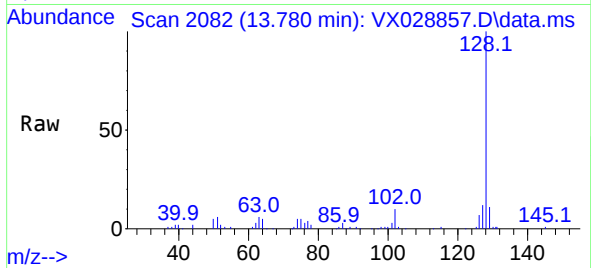
Tgt Ion: 91 Resp: 2914
Ion Ratio Lower Upper
91 100
92 34.5 27.8 83.3
134 83.3 13.3 39.8





#95
Naphthalene
Concen: 2.199 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028857.D
Acq: 20 May 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
MW-34



Tgt Ion:128 Resp: 2664
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 12.9 8.7 13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/23/2022
Supervised By :Semsettin Yesilyurt 05/23/2022

